46. Attach as Exhibit GG all of the policies and procedures required under Regulation SBSR.

The principal aspects of Regulation SBSR consist of rules **Section 242.900 to Section 242.909** under the Exchange Act.

With respect to DDR's policies and procedures for meeting the requirements of Section 242.901(Reporting obligations); Section 242.902 (Public dissemination of transaction reports); Section 242.903 (Coded information); Section 242.905 (Correction of errors in security-based swap information); Section 242.906 (Other duties of participants); Section 242.907 (Policies and procedures of registered security-based swap data repositories); and, Section 242.908 (Cross-border matters), please refer to the following exhibits:

- Exhibit GG1 Discussion of DDR Fields for Credit and Equity Derivatives
- Exhibit GG2 DDR Credit Asset Class Fields
- Exhibit GG3 DDR Guide to SBSDR Processes
- Exhibit GG4 DDR Equity Asset Class Fields
- Exhibit GG5 Discussion of Procedures Related to 901(f), 901(g), 901(h), 901(i), 903, and 906
- Exhibit GG6 DDR Rates Asset Class Fields
- Exhibit HH2 Changes to DDR Rulebook (redline)

With respect to Section 242.904 (Operating hours of registered security-based swap data repositories), DDR's operating hours are set forth in its Rulebook Section 7.2 (System Availability). The DDR System is available 7 days per week, 24 hours per day Monday through Sunday, except from 10:00 pm (ET) Saturday to 6:00 am (ET) Sunday to enable maintenance to be performed on the DDR System ("Closed Hours"). On occasion, as necessary to support time sensitive processes or maintenance occurring outside of Closed Hours, DDR Systems may be unavailable for processing ("Unscheduled Downtime"). Data submitted during DDR System Unscheduled Downtime is stored and processed once the service has resumed. Information from the queue is processed in the order received, following standard ingestion procedure.

If during Unscheduled Downtime DDR cannot receive and hold in queue transaction information that was required to be reported pursuant to Applicable Regulations, it will immediately upon resumption of processing operations provide an Important Notice pursuant to the Operating Procedures notifying Users that it has resumed normal operations.

Through DDR's Rulebook, which is made publically available, DDR Users and the public are provided with reasonable advance notice of Closed Hours.

It is the practice of DDR's Operations Department to issue notices of the above to all DDR Users each week, if necessary. In addition, the DDR System Director issues a notice to each DDR Regulator, advising of same.

DDR Credit, Equity and Rates Matrices

The DDR credit, equity and rates matrices included in Exhibit GG2,GG4 and GG6, respectively, set forth the data fields in the credit, equity and rates derivatives asset classes that reporting sides shall provide to DDR pursuant to Commission rules 901(c), (d), and (e) and according to DDR prescribed data formats and standards. In total, the credit asset class includes 127 data elements, the equity asset class includes 214 data elements and the rates asset class includes 142 data elements.

In the matrices, the data fields are organized according to the order set forth under rule 901, and the applicable SEC provisions are specified under the "SEC Rule" column. DDR will provide the matrices to its on-boarded customers ("User" or "Users") together with the DDR User guide.

Column Descriptions

The following provides a description of each of the columns in the matrices.

<u>Category</u> includes the following permissible values: *Primary*, *Secondary*, *Life Cycle*, and *GTR*. *Primary* relates to all of the data fields required under rule 901(c) related to primary trade information. *Secondary* relates to all of the required data fields under rule 901(d) related to secondary trade information. *Life Cycle* refers to the data elements required to satisfy the reporting of life cycle events pursuant to rule 901(e). *GTR* represents those data fields that DDR has identified as necessary for maintaining or processing the trade.

<u>Public Dissemination</u> indicates those fields that will be eligible for public dissemination as defined under rule 900(cc) and 902 and pursuant to SEC regulations.

<u>Data Field</u> represents DDR's label for a particular data element. For each data field in the matrices, DDR references the corresponding SEC rule and provides a <u>Description</u> of the data field.

<u>Product</u> (*applicable to equity matrix only*) indicates whether a particular data element is applicable to only certain types of equity transactions or all types of equity transactions. Product types include the following: cross-product, option, structured product, dividend swap, forward, variance swap, and ES-PSA-CFD. "Cross-product" means the data element applies to all equity transactions. "ES-PSA-CFD" means that the data element applies to equity swaps, portfolio swap agreements, and cash for difference transactions.

<u>Conditionality</u> defines whether a data field is *Required* ("R"), *Conditional* ("C"), or *Optional* ("O"). In the credit asset class, there are 34 Required, 59 Conditional, and 34 Optional data fields. In the equity asset class, there are 27 Required, 159 Conditional, and 28 Optional data fields. In the rates asset class, there are 25 Required, 85 Conditional, and 32 Optional data fields.

- A designation of R means that, in order for a trade record to be accepted, the DDR User must (1) populate the data field, and (2) adhere to the data formats and valid values as

prescribed in the matrices for the data element. Such requirements enable DDR to verify the completeness of the trade record and the validity of the data standards and formats contained in the trade record.

- A designation of C means that the data field is subject to a conditional rule that is triggered by the population of another field and would become a Required field if such other field is populated. For example, field A, categorized as a Conditional field tied to field B, would become a Required field if field B were to be populated.
- If a Required or Conditional data field is not complete or invalid according to the prescribed data format and valid values, DDR will reject the trade record and notify the User based upon its submission method and as described in the DDR User Guide. The User must provide to DDR both a complete and valid trade record in order for it to be ingested by DDR.
- A designation of O means that (1) the data field may or may not be applicable to a trade record; or (2) the User may not have the information to populate such data field. For example, DDR has categorized the data element "platform ID" as Optional because it may not apply to a particular trade. DDR will not reject trade records on the basis of Optional data elements. For any Optional field related to a Unique Identification Code as prescribed by SEC regulations, DDR will provide its Users with end-of-day reports with any missing information. DDR Users, reporting or non-reporting side, shall update the record to provide the missing data elements.

DDR data formats are prescribed by the following columns in the matrices: Data Type, Scale, Precision, Format, and Valid Values.

<u>Data Type</u> includes the following types: *Boolean* (applicable to Credit only), *Date*, *DateTime*, *Time* (applicable to Rates only), *Numeric*, and *Text*.

- Boolean permits solely two values—either "True" or "False" or Yes ("Y") or No ("N").
- Date means that the data element must conform to the following format: YYYY-MM-DD.
- DateTime requires a format of both date and time according to the Coordinated Universal Time (UTC) format.
- Numeric means that solely numerical values are acceptable and the extent of the numeric values are defined in the Precision and Scale columns.
- Text means that permissible values are alphanumeric and the extent of the alphanumeric values are defined in the Precision column.

<u>Precision and Scale.</u> For every numeric value, both Precision and Scale are prescribed. Precision indicates the number of digits in a number and Scale indicates the number of digits to the right of the decimal point in a number.

<u>Format</u> provides additional information regarding the data type and construct to generate a valid value. For example, under "date," the corresponding format is YYYY-MM-DD.

<u>Valid Values</u> indicates the acceptable inputs for a data element where only a specified list of values is permissible.

<u>Sample</u> provides an output example of the data element taking into account the prescribed data formats and valid values, if applicable.

<u>Validation Rule</u> describes the validation rule that DDR will apply to verify the completeness and validity of a trade record. The validation rules will verify whether applicable and relevant fields are populated according to the conditional value identified in the Conditionality column. With respect to the equity matrix, "Not Applicable" in this column means the particular data field will not be processed by DDR. "Not Allowed" means that the entire trade record would be rejected if that particular data field were to be included in a submission.

<u>Narrative</u> provides additional, explanatory information related to the data field or its use, which is not otherwise noted in the other columns.

Public Dissemination

As a preliminary matter, DDR Users shall submit price dissemination messages solely when it is instructing DDR to publicly disseminate such data fields pursuant to the applicable SEC regulations.

DDR will publicly disseminate data subject to the following conditions: (1) a User submits a public dissemination message (*i.e.*, a "real-time message" field) in a trade record; and (2) such record satisfies the prescribed data formats and includes the relevant flags.

Reporting Life Cycle Events and Corrections to Previously Submitted Information

If a correction is required to trade information, a User will instruct DDR of such correction through the message formats made available by DDR.

In particular, a User's submission of a trade record with a Valid Value of "Modify" under the "Action" data field and a "Yes" under "Public Dissemination" would instruct DDR to issue an updated price dissemination message as a correction with the corrected fields from the trade record. Alternatively, if a User seeks to cancel a prior publicly disseminated message, a User could submit a "Cancel" message under the "Action" data field.

Further, DDR would update transaction information with any updated secondary trade information that is included in the trade record.

Flags

In terms of flags that are applied to publicly disseminated reports to help prevent a distorted view of the market, DDR has established the following flags that indicate that additional information is needed to understand the publicly disseminated price: Inter-affiliate, Nonstandard flag, Off market flag, Pricing context, and Compressed trade. Further information regarding the flags is available in the matrices under the Narrative column.

1 Existing	Primary	901.c.1 Y	Product ID Prefix Product ID Value	The prefix value for the type of Product ID provided R The ISDA Taxonomy representing the product structure R	Text	40	1		ISDA	ISDA		
2 Existing	Primary	901.c.1 Y	Product ID Value	The ISDA Taxonomy representing the product structure. R	Text	256			Please refer to the Valid Values Product ID tab	Credit:SingleName:Corporate:NorthAmericanCorpo ate	r	
3 Existing	Primary	901.c.1.i Y 901.c.1.i Y	Option Style	An indication of the style of the option transaction. C	Text	20			European, American, Bermudan Put. Call	European	Conditional; Required for Swaptions as observed in the Product ID Value Conditional; Required for Swaptions as observed in the Product ID Value	
4 Existing 5 Existing 6 Existing	Primary	901.c.1.i Y	Option Type Primary Asset Class	An indication of the type of option. C Indicates asset class associated to the message. R	Text	20 20 250			Credit	Credit ABC Corporation	Conditional, Required for Swaptions as observed in the Product ID Value	
6 Existing 7 Existing	Primary Primary	901.c.1.i Y 901.c.1.i Y	Reference Entity Reference Entity ID		Text	250		6 or 9 alphanumeric characters		ABC Corporation 2Y973E		
8 Existing	Primary	901.c.1.i Y	Reference Obligation	The unique Markit RED ID of the reference entity. O The ISIN or CUSIP of the obligations associated to the security. O	Text	12				XS123456789A		
9 Existing	Primary	901.c.1.i Y	Reference Price	Price of the security of a CDS on MBS/EMBS. C	Numeric	18	7			100.23	Conditional; Required for MBS and EMBS; Optional for Reduced Swap Validations	
10 Existing	Rimon	901.c.1.ii Y	Effective Date	The date that the reportable transaction becomes effective. R	Data	10		YYYY-MM-DD		2015-01-01		
	Fillinary				Date	10						
11 Existing	Primary	901.c.1.iii Y	Option expiration	An indication of the date after which the option is no longer C available for exercise	Date	10		YYYY-MM-DD		2019-01-01	Conditional; Required for Swaptions as observed in the Product ID Value	
12 Existing	Primary	901.c.1.	Scheduled Termination Date	The maturity, termination, or end date of the transaction. R	Date	10		YYYY-MM-DD	14 B	2019-01-01		
13 Existing	Primary	901.c.1.iv Y	Fixed Amount Payment Delay Applicable	This field describes if a payment delay is applicable. C	Text	1			Yes, No	Yes	Conditional; Optional for MBS, EMBS and Reduced Swap Validations. Otherwise, not allowed.	
14 Existing	Primary	901.c.1.iv Y	Initial Payment Amount	A fixed payment amount paid by the initial amount payer, O	Numeric	18	5			12345.12		
15 Existing	Primary	901.c.1.iv Y	Initial Payment Currency	agreed at trade inception for index products. The currency for the 'Initial Payment Amount'. C	Text	3		3-digit ISO currency code (ISO 4217)			Conditional; Required when Initial Payment Amount is present. Otherwise, not	
16 Existing	Primary	901.c.1.iv Y	Payment Frequency Period 1	Denotes a time period describing how often parties to the C	Text	40			M. T. D. W. Y	USD M	allowed. Conditional: Required only if the Fixed Rate is not zero, else optional. Note: A value	
				reportable swap transaction exchange payments associated with each party's obligation under the reportable swap transaction.					Note: A value of "T" is only supported on csv submissions.		of "T" is only supported on csv submissions.	
17 Existing	Primary	901.c.1.iv Y	Payment Frequency Period Multiplier 1	Identifies the payment frequency multiplier. An integer multiplier C of a time period describing how often the parties to the reportable transaction exchange payments associated with each party's obligation under the reportable swap transaction.	Numeric	6	0		0,1,2,3,4,5,6,7,8,9,10,11,12	3	Conditional; Required only if the Fixed Rate is not zero, else optional	
18 Existing	Primary	901.c.1.iv Y	Single Payment Amount	A fixed payment amount paid by the initial amount payer, parend at trade incention for single name products	Numeric	18	5			12345.12		
19 Existing	Primary	901.c.1.iv Y	Single Payment Currency	agreed at trade inception for single name products. The currency of the 'Single Payment Amount'. C	Text	3	1	3-digit ISO currency code (ISO 4217)		USD	Conditional, Required when Single payment amount is provided. Otherwise, not	
20 Existing	Primary	901.c.1.iv Y	Single Payment Date	The date on which the Single Payment Amount is made. C	Date	10	-	YYYY-MM-DD		2015-01-01	allowed. Conditional, Required when Single payment amount is provided. Otherwise, not	
	n :				0	10					allowed.	
21 Existing	Primary	901.c.2 Y	Original Execution Timestamp	The date and time of the original execution timestamp of the transaction.	DateTime	20		YYYY-MM-DDTHH:MM:SSZ (UTC format)	1	2012-04-10T15:24:42Z	The date portion of the Original Execution Date must be the same as the Trade Date	1
22 Existing	Primary	901.c.3 Y	Option Strike Price	The level or price at which an option may be exercised C	Numeric	18	7			1232.23	Conditional; Required for Swaptions as observed in the Product ID Value	
23 Existing 24 Existing 25 Existing	Primary Primary	901.c.3 Y 901.c.3 Y	Option premium Option premium currency Price Notation - Price Type 1	The amount paid to enter into an Option. C The currency associated with the Option Premium. C The quoting type associated with the Price Notation. C	Text	18 3	5	3-digit ISO currency code (ISO 4217)	<u></u>	100000 USD	Conditional: Required for Swaptions as observed in the Product ID Value Conditional; Required for Swaptions as observed in the Product ID Value Conditional; Required if value submitted in Price Notation Price 1	
25 Existing	Primary	901.c.3 Y	Price Notation - Price Type 1	The quoting type associated with the Price Notation. C	Text	200			Percentage, Price, Basis points	Price	Conditional; Required if value submitted in Price Notation Price 1	
26 Existing	Primary	901.c.3 Y	Price Notation - Price 1	The quoted price at time of trade execution. R	Numeric	30	18			123.1234568		
27 Existing	Primary Primary	901.c.4 Y 901.c.4 Y	Notional Amount 1 Notional Currency/Units 1	Identifies the notional amount. R Identifies the currency of the Notional Amount. R	Numeric	18	5	3-digit ISO currency code (ISO 4217)		1234567.123 USD		
28 Existing 29 Existing	Primary (Inter-dealer),	901.c.4 Y 901.c.5 Y	Trade Party 1 Role	Indication of registration status for Party 1. R	Text	20			SBSD ,MSBSP, non-SBSD/MSBSP	SBSD		This field will also be used to identify the Inter-dealer status for Public Price Dissemination as per Re
30 Existing	Secondary (role) Primary (Inter-dealer).	901.c.5 Y	Trade Party 2 Role	Indication of registration status for Party 2. R	Text	20			SBSD .MSBSP. non-SBSD/MSBSP	MSBSP		(c) 5 This field will also be used to identify the Inter-dealer status for Public Price Dissemination as per R
	Secondary (role)			Prefix of Clearing DCO C	-							(c)5
31 Existing 32 Existing	Primary (Intent to clear); Secondary (Clearing agency name) Primary (Intent to clear);	901.c.6; Y 901.d.6 901.c.6; Y	Clearer Prefix Clearer Value	Pretix of Clearing DCO C Indication if the trade will be cleared, and where, R	Text	40 200			LEI "false" or LEI of clearer	LEI F226TOH6YD6XJB17KS62	Conditional: Required when Clearer field is populated with an LEI. Otherwise, Not Applicable.	
32 Existing	Secondary (Clearing agency name)	901.d.6	Inter-Affiliate		Text	200						This field will be used to identify "intent to clear" designation under 901.c.6 and will also be used to the clearing agency under 901.d.6
33 Existing	Primary	901.c.7;907. Y a.4	Inter-Affiliate	Indicate whether the transaction is between two affiliated R entities.	Boolean	5			True, False	True		
34 Existing	Primary	901.c.7;907. Y a.4	Nonstandard Flag	Provides an indication that the transaction has one or more additional term(s) or provision(s) not indicated that materially affect(s) the price of the reportable swap transaction.	Text	5			True, False	False		
35 New	Primary	901.c.7;907. Y	Pricing Context	Identifies characteristic or circumstance that makes the trade of O market	Text	200			ClearingForcedTrade, DefaultTransaction, PackageOrBespoke	ClearingForcedTrade		
36 Existing	Primary	a.4 901.c.7;907. Y	Compressed Trade	market. Indication that the transaction has been subject to or is the result of compression	Text	10			PackageOrBespoke True, False	False		
37 Existing	Secondary	a.4 901.d.1 N	Trade Party 1 Prefix	result of compression. Prefix for the ID in the Trade Party 1 Value field. This field will R	Text	40	-		Internal, LEI	LEI	If Trade Party 1 Role = "SBSD" or "MSBSP", then Trade Party 1 Prefix must be "I FI	DDR will require in its user guide that reporting parties or any financial entity provides the LEI prefix
				be used to validate the value provided in "Trade Party 1 Value"								where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
38 Existing	Secondary	901.d.1 N	Trade Party 1 Value	The ID of Trade Party 1 associated to the Trade Party 1 Prefix. R	Text	200				B4TYDEB6GKMZO031MB27	populated with a valid LEI (digit check 20 characters). If Trade Party 1 Prefix is populated with "Internal" then the Trade Party 1 Value (client assigned internal ID).	DDR will require in its user guide that reporting parties or any financial entity provides the LEI prefix where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
39 Existing	Secondary	901.d.1 N	Trade Party 2 Prefix	Prefix for the ID in the Trade Party 2 Value field. This field will R	Text	40			Internal, LEI	LEI	If Trade Party 2 Role = "SBSD" or "MSBSP", then Trade Party 2 Prefix must be "LEI	DDR will require in its user guide that reporting parties or any financial entity provides the LEI prefix
'				be used to validate the value provided in "Trade Party 2 Value"								where SEC has provided an exemption. In which case, an "internal" pretix indication is acceptable
40 Existing	Secondary	901.d.1 N	Trade Party 2 Value	The ID of Trade Party 2 associated to the Trade Party 2 Prefix.	Text	200			Internal. LEI	7LTWFZYICNSX8D621K86	If Trade Party 2 Prefix is populated with "LEI", then the Trade Party 2 Value must be populated with a valid LEI (digit check 20 characters). If Trade Party 2 Prefix is populated with "Internal", then the Trade Party 2 Value (client assigned internal ID) and Trade Party 2 Name must be populated.	DDR will require in its user guide that reporting parties or any financial entity provides the LEI prefix where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
41 New	secondary	901.0.1 N	Indirect counterparty ID - Party 1 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value	rext	40			Internal, LEI			
42 New	Secondary	901.d.1 N	Indirect counterparty ID - Party 1 Value	provided in "Indirect counterparty ID - Party 1 Value" The ID or name of the Indirect Counterparty of Trade Party 1 O	Text	200	+			B4TYDEB6GKMZ0031MB27		
		N N		Value If prefix is LEL then LELId required	TEAL	200				541152556NW2003TW621		
43 New 44 New	Secondary	901.d.1 N 901.d.1 N	Indirect counterparty ID - Party 2 Prefix Indirect counterparty ID - Party 2 Value	Value a provide the Di in the "Indirect counterparty ID - Party 2 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 2 Value" The ID or name of the Indirect Counterparty of Trade Party 2 O	Text	40 200			Internal, LEI	LEI 7LTWFZYICNSX8D621K86		
			, , , , , , , , , , , , , , , , , , , ,	Value. If prefix is LEI, then LEI ID required	-		_					
	Secondary Secondary	901.d.1 N	Name of Trade Party 1 Name of Trade Party 2	Legal Name of Trade Party 1. C Legal Name of Trade Party 2. C	Text	200				ABC Corporation XYZ Firm	Conditional; Required if If Trade Party 1 Prefix is "Internal" Conditional; Required if If Trade Party 2 Prefix is "Internal"	
45 Existing 46 Existing	Secondary	901.d.2 N	Broker Id Party 1 Prefix	Legal Name of Trade Party 2. C Prefix of the Broker for Trade Party 1 if applicable. C	Text	40			LEI	LEI	Conditional; Required if If Trade Party 2 Prefix is "Internal" Conditional: Required when Broker ID Party 1 Value is populated. Otherwise, Not Apolicable.	
45 Existing 46 Existing 47 Existing	Secondary	901.d.2 N	Broker Id Party 1 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable. O	Text	200		LEI only acceptable value		B4TYDEB6GKMZ0031MB27	Applicable.	
45 Existing 46 Existing 47 Existing 48 Existing	Secondary	901.0.2 IN	Broker Id Party 2 Prefix	Prefix of the Broker for Trade Party 1 if applicable. C	Text	+	+		LEI	LEI	Conditional: Required when Broker ID Party 2 Value is populated. Otherwise, Not	
46 Existing 47 Existing 48 Existing	Secondary	901.d.2 N		· · · · · · · · · · · · · · · · · · ·		40					Applicable.	
46 Existing 47 Existing 48 Existing 49 Existing	Secondary	901.d.2 N				200	1	LEI only acceptable value	1	7LTWFZYICNSX8D621K86		
46 Existing 47 Existing 48 Existing			Broker Id Party 2 Value	Indicates the LEI of the Broker for Trade Party 2 if applicable.	Text	200						
46 Existing 47 Existing 48 Existing 49 Existing	Secondary	901.d.2 N		Indicates the LEI of the Broker for Trade Party 2 if applicable. O The client assigned identifier for the Desk ID of Trade Party 1. O	Text	10				A128HJ		
46 Existing 47 Existing 48 Existing 49 Existing 50 Existing 51 Existing	Secondary Secondary	901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1	The client assigned identifier for the Desk ID of Trade Party 1. O	Text Text Text							
46 Existing 47 Existing 48 Existing 49 Existing 50 Existing 51 Existing 52 Existing	Secondary Secondary Secondary Secondary	901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1 Desk ID Party 2	The client assigned identifier for the Desk ID of Trade Party 1. O The client assigned identifier for the Desk ID of Trade Party 2. O	Text Text Text					A128HJ KIU89IKS	Readilization Devolution for a second D. Read of Value 1	
46 Existing 47 Existing 48 Existing 49 Existing 50 Existing 51 Existing 52 Existing 53 Existing	Secondary Secondary Secondary Secondary Secondary	901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1 Desk ID Party 2 Execution Agent Party 1 Prefix	The client assigned identifier for the Desk ID of Trade Party 1. 0 The client assigned identifier for the Desk ID of Trade Party 2. 0 Prefix of the Execution Agent for Trade Party 1 if applicable. C	Text Text Text Text	10 10 40			LEI	KIU89IKS LEI	Conditional: Required when Execution Agent ID Party 1 Value is populatedi. Otherwise, Not Applicable.	
46 Existing 47 Existing 48 Existing 50 Existing 51 Existing 52 Existing 53 Existing 54 Existing 54 Existing	Secondary Secondary Secondary Secondary Secondary Secondary	901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1 Desk ID Party 2 Execution Agent Party 1 Prefix Execution Agent Party 1 Value	The client assigned identifier for the Desk ID of Trade Party 1. 0 The client assigned identifier for the Desk ID of Trade Party 2. 0 Prefix of the Execution Agent for Trade Party 1 if applicable. C IF of execution appent 0	Text Text Text Text Text			LEI only acceptable value	LEI		Otherwise, Not Applicable.	
46E Existing 47 Existing 48 Existing 49 Existing 50 Existing 51 Existing 52 Existing 53 Existing 54 Existing 55 Existing	Secondary Secondary Secondary Secondary Secondary Secondary Secondary	901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1 Desk ID Party 1 Execution Agent Party 1 Prefix Execution Agent Party 1 Prefix Execution Agent Party 2 Prefix	The client assigned identifier for the Desk ID of Trade Party 1. 0 The client assigned identifier for the Desk ID of Trade Party 2. 0 Prefix of the Execution Agent for Trade Party 1 if applicable. C LEI of execution agent. O Prefix of the Execution Agent for Trade Party 2 if applicable. C	Text Text Text Text Text Text	10 10 40 40			LEI	KIU89IKS LEI <u>549300LRSNKYDM4Q4635</u> LEI	Conditional Required when Execution Agent ID Party 1 Value is populated. Otherwise, Not Applicable. Conditional: Required when Execution Agent ID Party 2 Value is populated Otherwise, Not Applicable.	
46E Existing 47 Existing 48 Existing 49 Existing 50 Existing 51 Existing 52 Existing 53 Existing 54 Existing	Secondary Secondary Secondary Secondary Secondary Secondary	901.d.2 N 901.d.2 N	Broker Id Party 2 Value Desk ID Party 1 Desk ID Party 2 Execution Agent Party 1 Prefix Execution Agent Party 1 Value	The client assigned identifier for the Desk ID of Trade Party 1. 0 The client assigned identifier for the Desk ID of Trade Party 2. 0 Prefix of the Execution Agent for Trade Party 1 if applicable. C IF of execution appent 0	Text Text Text Text Text Text Text Text	10 10 40		LEI only acceptable value LEI only acceptable value LEI only acceptable value 2-degl ISO curuity code (ISO 3166-3) - 2-digt ISO Subdivision code (ISO 3166-	LEI	KIU89IKS LEI	Otherwise, Not Applicable. Conditional: Required when Execution Agent ID Party 2 Value is populated	The number at the end of the string will identify the particular branch where there are multiple branch

6 Existing	Primary	901.c.1.i Y	Reference Entity	The name of the underlying security. F The location of the Branch for Trade Party 2	R Text	250	1			ABC Corporation US-NY-2		
58 New	Secondary	901.d.2 N	Reference Entity Branch ID Location Party 2	The location of the Branch for Trade Party 2	D Text	40		2-digit ISO country code (ISO 3166-3) - 2-digit ISO Subdivision code (ISO 3 2) - number	166-	US-NY-2		The number at the end of the string will identify the particular branch where there are multiple branches the country and subdivision location.
59 Existing 60 Existing	Secondary	901.d.2 N	Trader ID Party 1 Trader ID Party 2	ID of the Trader for Party 1 C	C Text	10 10				ABC123 XYZ456	Either Tader ID Party 1 or Trader ID Party 2 must be populated Either Tader ID Party 1 or Trader ID Party 2 must be populated	
61 Existing	Secondary Secondary	901.d.2 N 901.d.3 N	Buyer prefix	ID of the Trader for Party 2 C Prefix for the LEI in the Buyer value field F For swaps, the LEI of the Trade Party buying protection. For	R Text	40			Internal, LEI	LEI B4TYDEB6GKMZ0031MB27		
62 Existing	Secondary	901.d.3 N	Buyer value	For swaps, the LEI of the Trade Party buying protection. For Swaptions, the LEI of the Trade Party paying the premium.	R Text	200				B4TYDEB6GKMZO031MB27	Buyer value must match either Trade Party 1 Value or Trade Party 2 Value.	
63 Existing	Secondary	901.d.3 N	Day Count Fraction	Determination of the number of days in the accrual period for	R Text	200			Please refer to the Valid Values Day Count tab	ACT/360		
64 Existing	Secondary	901.d.3 N	Fixed Rate (per annum)	the transaction to calculate the interest payment. The fixed rate of the contract.	R Numeric	11	10	Enter .119 for fixed rate value of 11.9%. Do not enter % sign in cell		0.119		
65 Existing	Secondary	901.d.3 N	Initial Factor	The part of the mortgage that is outstanding on trade inception, C i.e. has not been repaid yet as principal. It is expressed as a multiplier factor to the mortgage: 1 means that the whole mortgage amount is outstanding, 0.8 means that 20% has been repaid.	C Numeric	12	9			1.23456789	Conditional; Optional for MBS, EMBS and Reduced Swap Validations. Otherwise, not allowed.	
66 Existing	Secondary	901.d.3 N	Interest Shortfall Cap Applicable	Indicates if interest shortfall is applicable to the transaction	C Text	1			Y, N	Y	Conditional; Required for MBS and EMBS; Optional for Reduced Swap Validations.	
67 Existing	Secondary	901.d.3 N	Interest Shortfall Cap Basis	Indicates the Cap Basis of the Interest Shortfall	C Text	10			Fixed, Variable	Fixed	Otherwise, not allowed. Conditional; Required if Interest Shortfall Cap Applicable is "Y". Otherwise Not Allowed	
68 Existing	Secondary	901.d.3 N	Interest Shortfall Compounding Applicable	Indicates if Interest Shortfall compounding is applicable	C Text	1			Y, N	Y	Conditional; Required if Interest Shortfall Cap Applicable is "Y". Otherwise Not	
69 Existing	Secondary	901.d.3 N	Optional Early Termination Applicable	Indicates if Early Termination is applicable on the transaction	C Boolean	5			Y, N	N	Allowed Conditional; Required for MBS and EMBS; Optional for Reduced Swap Validations.	
70 Existing	Secondary	901.d.3 N	Single / Initial Payment Amount Payer	The payer of the Single or Initial Amount.	C Text	200				B4TYDEB6GKMZO031MB27	Otherwise, not allowed. Conditional, Required when single/ initial payment amount is present. Otherwise, no allowed. This field must match to either Trade Party 1 or Trade Party 2	4
71 Existing	Secondary	901.d.3 N	Single / Initial Payment Amount Receiver	The receiver of the Single or Initial Amount.	C Text	200				7LTWFZYICNSX8D621K86	Conditional, Required when single/ initial payment arrount is present. Otherwise, no allowed. This field must match either Trade Party 1 or Trade Party 2.	4
										B4TYDER6GKMZ0031MB27		
72 Existing	Secondary	901.d.3 N	Underlying Fixed Rate Payer (Buyer)	If the Option Type is "Payer", the Swaption Buyer. If the Option C Type is "Receiver", the Swaption Seller If the Option Type is "Payer", the Swaption Seller. if the Option C	C Text	200					Conditional; Required for Swaptions as observed in the Product ID Value. This field must match either Trade Party 1 or Trade Party 2	
73 Existing	Secondary	901.d.3 N	Underlying Float Rate Payer (Seller)	Type is "Receiver" the Swaption Buyer	C Text	200				7LTWFZYICNSX8D621K86	Conditional; Required for Swaptions as observed in the Product ID Value. This field must match either Trade Party 1 or Trade Party 2	1
74 Existing	Secondary	901.d.4 N	Master Agreement Date	The agreement executed between the parties to the trade and intended to govern all applicable Credit derivatives transactions	C Date	10		YYYY-MM-DD		2014-01-01	Conditional; Required when the Documentation Type field has a value of CreditDerivativesPhysicalSettlementMatrix. Otherwise, Not Allowed.	
75 Existing	Secondary	901.d.4 N	Master Document Transaction Type	between those parties. Represents the "Master Confirmation Transaction Type" for a C Single-Name or Index trade that uses the Master Confirm form of documentation. Represents the "Transaction Type" for a Single-Name trade that uses the Matrix form of documentation.	C Text	200			Please refer to the Valid Values MDTT tabs	ISDA2003CreditNorthAmerican	Conditional; Optional on Snapshot messages, Reduced Swap Validation and Reduced Option Validation. Otherwise, required.	
76 Existing	Secondary	901.d.4 N	Documentation Type Collateral agreement title	Indicates if documentation type is Matrix or Standards Terms C Supplement The title of the collateral agreement C	C Text	200			CreditDerivativesPhysicalSettlementMatrix StandardTermsSupplement	CreditDerivativesPhysicalSettlementMatrix Credit Support Annex Agreement	Conditional; Required when the Master Document Transaction Type field contains a Matrix-related value. Otherwise Not Allowed. For a Master Confirm trade, leave blar For a Matrix trade, use the valueCreditDerivativesPhysicalSettlementMatrix	k
78 New	Secondary	901.d.4 N	Collateral agreement date	The date of the collateral agreement	D Date	10		YYYY-MM-DD		2014-01-01		
79 New 80 New	Secondary Secondary	901.d.4 N 901.d.4 N	Other agreement title Other agreement date Legal Final Maturity Date	The title of other agreement C The date of other agreement C The date upon which all principal and interest must be repaid. C	D Text D Date	200		YYYY-MM-DD		ACME Support Agreement 2014-01-01 2019-01-01		
81 Existing	Secondary	901.d.5 N			C Date	10		YYYY-MM-DD		2019-01-01	Conditional; Required for MBS and EMBS; Optional for Reduced Swap Validations. Otherwise, not allowed.	
82 Existing	Secondary	901.d.5 N	Recovery Price	The price specifies the recovery level to be applied on a default.	C Numeric	16	10			1.23	Otherwise, not allowed. Required for Fixed Recovery and Recovery Lock.	
83 Existing	Secondary	901.d.5 N	Restructuring Events	This field indicates if restructuring applies to the transaction.	D Text	200	0		Y, N	Y		
84 New	Secondary	901.d.7 N	Clearing Exception Type	Indicates the type of clearing exception invoked on the	D Text	40			Enduserexemption, Affiliateexemption	Affiliateexemption		
85 Existing	Secondary	901.d.7 N	Clearing Exception Party Prefix	transaction. Prefix for the Clearing Exception Party Value	C Text	20	0		Internal, LEI		Conditional; Required if Clearing Exception Type = "Enduserexemption"	
86 Existing	Secondary	901.d.7 N	Clearing Exception Party Value	LEI of the Clearing Exception Party for end-user clearing exceptions.	D Text	200				B4TYDEB6GKMZ0031MB27	Conditional, Required if Clearing Exception Party Prefix is submitted. Otherwise, not allowed.	
87 Existing	Secondary	901.d.8 N	Exercise Event Type	exceptions. The settlement terms if the option is exercised. C	C Text	10			Physical, Cash	Cash	Conditional; Required for Transaction Type = Exercise on Swaptions as observed in the Product ID Value. Optional for Transaction Type = Exercise on Reduced Swap Validations.	
88 Existing 89 Existing	Secondary Secondary	901.d.8 N 901.d.8 N	Settlement Currency Swaption Settlement Style	The currency of settlement. C The settlement terms which apply to the transaction. C	C Text	3 20		3-digit ISO currency code (ISO 4217)	Physical, Cash	USD Cash	Conditional: Required for Swaptions as observed in the Product ID Value Must be valid LEI	
90 Existing	Secondary	901.d.8 N 901.d.9 N	Swaption Settlement Style Execution Venue	The settlement terms which apply to the transaction. C The exchange or execution facility on which the trade was executed.	O Text	20		LEI only acceptable value		Cash 5493003IUYOH354SNS58	Must be valid LEI	
91 Existing 92 Existing	Secondary LifeCycle	901.d.9 N 901.e.1.i N	Execution Venue Prefix Affected Notional Amount	The prefix for the Execution Venue C Identifies the change in notional from the notional previously C	D Text	20 18	£		LEI	100000	Required for increase, equation, exercise, partial termination for all messages excess	t 'Novated Amount' for an Assignment. 'Increase in Notional Amount' for an Increase. 'Decrease in Notion
	LifeCycle	901.e.1.i N	Affected Notional Currency	reported.	o Trumenc	10	5			10000	Snapshot messages. Required when Affected Notional is provided.	Amount for a Partial Termination. 'Exercised Amount' for an Exercise
93 Existing	LifeCycle			The currency related to the Affected Notional Amount when submitted.	J lext	3		3-digit ISO currency code (ISO 4217)		USD		
94 Existing	GTR	901.e.1.i N	Event ID Party 1	A value provided by the user representing the lifecycle event for party 1.	C Text	16				EVENTID1	This field is required when "Transaction Type" contains PartialTermination, Increase Amendment, Novation, Exercise, Compression for PET, PET-CONFIRM, CONFIRM messages	
95 Existing	GTR	901.e.1.i N	Event ID Party 2	A value provided by the user representing the lifecycle event for party 2.	C Text	16				EVENTID2	This field is required when "Transaction Type" contains PartialTermination, Increase Amendment, Novation, Exercise, Compression for PET, PET-CONFIRM, CONFIRM	
96 Existing	LifeCycle	901.e.1.i N	Event Processing ID	Indicates when the trade is part of a multi-transaction event	D Text	40				CREDITEVENT_01	messages	
97 Existing	LifeCycle	901.e.1.i N	Execution Timestamp	(e.g. credit event, compression). The date and time of execution of the post trade transaction.	C DateTime	20		YYYY-MM-DDTHH:MM:SSZ (UTC format)		2012-04-10T15:24:42Z	Required for any post trade event	
98 Existing	GTR	901.e.1.i N	Lifecycle Event	Describes the event type of the record being submitted.	C Text	40			Trade,	Termination	Required for any post trade events submitted on Snapshot messages.	
									Partial Termination, Increase, Amendment, Novalion, Novalion Trade, Exercise, Bodiy, Modifier, Cancel, Cancel, Composite/Action For exit only: Error, RaisedneEror, Compression, Partial Termination, Partial Termination, Amendment, Novalion,			
99 Existina	LifeCycle	901.e.1.i N	Post Trade Effective Date	The date the modification of a transaction becomes effective.	D Date	10		YYYY-MM-DD	Exercise	2015-01-01		Termination Effective Date' for a Partial Termination. Increase Effective Date for an Increase. Novation
100 Existing	LifeCycle	901 e 1 i N	Post Trade Payment Amount	This field represents an amount payable in connection with the C	D Numeric	18	5			24455 55		Date for an Assignment. Amendment Effective Date for an Amendment.
101 Existing	LifeCycle	901.e.1.i N	Post Trade Payment Amount	modification of a transaction. The currency for the 'Post Trade Payment Amount'.	C Tost	3	5	3-digit ISO currency code (ISO 4217)		24455.55 USD	Conditional. Required when Post Trade Payment Amount is provided	'Amendment Payment Amount' for an Amendment. 'Exercise Payment Amount'
101 Existing								3-aligit ISO currency code (ISO 4217) YYYY-MM-DD				
102 Existing	LifeCycle	901.e.1.i N	Post Trade Payment Date	The date on which the post trade payment is made.	Date	10		YYYY-MM-DD		2015-01-01	Conditional, Required when Post Trade Payment Amount is provided	'Increase Payment Date' for an Increase. 'Termination Payment Date' for a Partial Termination. 'Amendment Payment Date' for an Amendment. 'Exercise Payment Date' for an Exercise
		901.e.1.i N	Post Trade Payment Payer	The party paying the post trade payment amount.	Tort	200	1 -			B4TYDEB6GKMZO031MB27	Conditional, Required when Post Trade Payment Amount is provided. This field	Increase Payment Payer' for an Increase, 'Termination Payment Payer' for a Partial Termination
103 Existing	LifeCycle	901.e.1.i N	Post Trade Payment Receiver	The party receiving the post trade payment amount.	I EAL	200				7LTWFZYICNSX8D621K86	must match either Trade Party 1 or Trade Party 2. Conditional: Required when Post Trade Party 2.	Amendment Payment Payer for an Amendment. Exercise Payment Payer for an Exercise 'Increase Payment Receiver' for an Increase. 'Termination Payment Receiver' for a Partial Termination

6 Existing	Primary	901.c.1.i Y		ence Entity	The name of the underlying security.	R	Text	250			ABC Corporation		
105 Existing	LifeCycle	901.e.1.i N	N Prior	UTI	Indicates the prior transaction ID of a swap resulting from an allocation, termination, novation, assignment, compression or		Text	200			ANC03032814582568647972480698046		
100 5 1 4	070				clearing.								
106 Existing	GTR	901.e.1.i N	N Trans	action Type	The Type of Transaction being submitted, whether for a new submission or post trade event.	R	Text	30		Trade, PartialTermination, Increase, Amendment, Novation NovationTrade, Exercise, Exit, Compression	n, Trade		
107 Existing	LifeCycle	901.e.1.i N	N Rema	aining Party prefix	The Prefix for the ID value submitted in Remaining Party Value	. C	Text	40		Internal, LEI	LEI	Conditional; Required when transaction type is Novation-Trade or Novation. For all other transactions it is Not Applicable.	
108 Existing	LifeCycle	901.e.1.i N	N Rema	aining Party value	The ID for the Remaining Party. This field represents the remaining party of a novated or assigned trade.	с	Text	200			B4TYDEB6GKMZO031MB27	Conditional; Required when Remaining Party Prefix is populated; Otherwise, Not Applicable. Remaining Party must match either Trade Party 1 or Trade Party 2	
109 Existing	LifeCycle	901.e.1.i N	N Trans	feree Prefix	The Prefix for the ID value submitted in 'Transferee value'.	с	Text	40		Internal, LEI	LEI	Conditional; Required when transaction type is Novation-Trade. For all other transactions it is Not Applicable.	
110 Existing	LifeCycle	901.e.1.i N	N Trans	feree value	The ID of the Transferee. This field represents the Trade Party that steps into an existing trade as a result of a novation or assignment.	C	Text	200			E57ODZWZ7FF32TWEFA76	Conditional; Required when Transferee (EE) Prefix is populated; Otherwise, Not Applicable. Transferee must match either Trade Party 1 or Trade Party 2	
111 Existing	LifeCycle	901.e.1.i N	N Trans	feror Prefix	The Prefix for the ID value submitted in 'Transferor value'.	с	Text	40		Internal, LEI	LEI	Conditona; Required when transaction type is Novation. For all other transactions it i Not Applicable.	9
112 Existing	LifeCycle	901.e.1.i N	N Trans	feror value	The ID of the Transferor. This field represents the Trade Party that has assigned or novated the trade to the Transferee. This is the "step-out" party of the original trade.		Text	200			7LTWFZYICNSX8D621K86	Conditional; Required when Transferor (OR) Prefix is populated; Otherwise, Not Applicable. Transferor must match either Trade Party 1 or Trade Party 2	
113 Existing	Secondary	901.g; N 901.d.10; 901.e.2	N UTI		Unique transaction Identifier assigned to a swap.	R	Text	200			ANC03032814582568647972480698046		
114 Existing	GTR	901.e.2 902.c.7 N	N Alloca	ation Indicator	An indication that the swap is a post-allocation or a pre- allocation swap.	0	Text	20		Pre-Allocation, Post Allocation, PreAllocation, PostAllocat	ion Pre-Allocation		
115 Existing	GTR	13n-5(b)(1)(N iii)	N Confi	rmation Type	Indicates if the PET or Confirmation submission is a paper document or an electronic document. "Not Confirmed" indicates a transaction that will not have a confirmation (i.e.	R	Text	30		Electronic, Non-Electronic, NonElectronic, NotConfirmed	Electronic		
116 Existing	GTR	13n-5(b)(1)(N	N Data	Submitter Message ID	internal trade). This field allows a client to submit their own message ID for internal purposes.	0	Text	256			123456ABC65A		
117 Existing	GTR	13n-5(b)(1)(N	N Data	Submitter prefix	Prefix for the value provided in the "Data Submitter value".	R	Text	40			LEI		
118 Existing	GTR	13n-5(b)(1)(N	N Data	Submitter value	The LEI for the Submitter.	R	Text	200			B4TYDEB6GKMZ0031MB27		
119 Existing	GTR	DDR Y required	r Action	1	This is a DTCC control field, which describes the action to be applied to the trade message.	R	Text	20		New, Modify, Cancel	New		
120 Existing	GTR	DDR N required DDR N	N As of	Date Time	This is the timestamp that the user is providing for the lifecycle event or new transaction.	с	DateTime	20	YYYY-MM-DDTHH:MM:SSZ (UTC format)		2012-03-28T12:25:00Z	This field is required only for SNAPSHOT messages	This field is used by the SBSDR for sequencing to build the current state of the transaction record.
121 Existing	GTR	DDR N required	N Mess	age Type	This field will describe the type of TR message being submittee (Confirmation, PET, Realtime, Snapshot etc.).	İR	Text	20		RT, PET, Confirm, Snapshot, PET-Confirm, Verification,	Confirm		
122 Existing	GTR	DDR N required	N Party	1 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	с	Text	250		SEC, SEC*	SEC	Either Reporting Obligation 1 or Reporting Obligation 2 must be populated	"SEC" is to support where SEC provides an exemption to the user for masking counterparty information for historical trades. Federal Register page 14525: "the Commission will consider requests for exemptic from the requirement under Rule 901(i) to report the identity of a counterparty with respect to historical security-based swame."
123 Existing	GTR	DDR N required	N Party	2 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	с	Text	250		SEC, SEC*	SEC	Either Reporting Obligation 1 or Reporting Obligation 2 must be populated	"SEC" is to support where SEC provides an exemption to the user for masking counterparty information for historical trades. Federal Register page 145925. "the Commission will consider requests for exemptic from the requirement under Rule 901(i) to report the identity of a counterparty with respect to historical security-based swaps."
124 Existing	GTR	DDR N required	N Subm	itted For Prefix	The Prefix for the Submitted for Value	R	Text	40			LEI	Conditional, required if the Submitted for value is not "both"	
125 Existing	GTR	DDR N required	N Subm	itted For value	The ID of the party the transaction is submitted for.	R	Text	200			7LTWFZYICNSX8D621K86		
126 Existing	GTR	DDR N required	N Trade	Date	The date on which the trade was executed.	R	Date	10	YYYY-MM-DD		2015-01-01		
127 Existing	GTR	DDR N required	N send1	Γο	Used for routing messages to DTCC's GTR data centers.	0	Text	40		DTCCGTR, DTCCUS, DTCCEU, DTCCSG Multiple values can be provided if the message needs to 1 routed to more than one data center. The value will be semicolon (c) separated	DTCCUS		

Valid Product IDs	Swap/ Option	Product
Credit:SingleName:Corporate:AsiaCorporate	Swap	CDS
Credit:SingleName:Corporate:AustraliaCorporate	Swap	CDS
Credit:SingleName:Corporate:EmergingEuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:EmergingEuropeanCorporateLPN	Swap	CDS
Credit:SingleName:Corporate:EuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:JapanCorporate	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporate	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporateBond	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporateBondOrLoan	Swap	CDS
Credit:SingleName:Corporate:NewZealandCorporate	Swap	CDS
Credit:SingleName:Corporate:NorthAmericanCorporate	Swap	CDS
Credit:SingleName:Corporate:SingaporeCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardAsiaCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardAustraliaCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardEmergingEuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardEmergingEuropeanCorporateLPN	Swap	CDS
Credit:SingleName:Corporate:StandardEuropeanCorporate	Swap	CDS
		CDS
Credit:SingleName:Corporate:StandardJapanCorporate Credit:SingleName:Corporate:StandardLatinAmericaCorporateBond	Swap Swap	CDS
	•	
Credit:SingleName:Corporate:StandardLatinAmericaCorporateBondOrLoan	Swap	CDS
Credit:SingleName:Corporate:StandardNewZealandCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardNorthAmericanCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSingaporeCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSubordinatedEuropeanInsuranceCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSukukCorporate	Swap	CDS
Credit:SingleName:Corporate:SubordinatedEuropeanInsuranceCorporate	Swap	CDS
Credit:SingleName:Corporate:SukukCorporate	Swap	CDS
Credit:SingleName:Muni:USMunicipalFullFaithAndCredit	Swap	CDS
Credit:SingleName:Muni:USMunicipalGeneralFund	Swap	CDS
Credit:SingleName:Muni:USMunicipalRevenue	Swap	CDS
Credit:SingleName:Sovereign:AsiaSovereign	Swap	CDS
Credit:SingleName:Sovereign:AustraliaSovereign	Swap	CDS
Credit:SingleName:Sovereign:EmergingEuropeanAndMiddleEasternSovereign	Swap	CDS
Credit:SingleName:Sovereign:JapanSovereign	Swap	CDS
Credit:SingleName:Sovereign:LatinAmericaSovereign	Swap	CDS
Credit:SingleName:Sovereign:NewZealandSovereign	Swap	CDS
Credit:SingleName:Sovereign:SingaporeSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardAsiaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardAustraliaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardEmergingEuropeanAndMiddleEasternSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardJapanSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardLatinAmericaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardNewZealandSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardSingaporeSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardSukukSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardWesternEuropeanSovereign	Swap	CDS
Credit:SingleName:Sovereign:SukukSovereign	Swap	CDS
Credit:SingleName:Sovereign:WesternEuropeanSovereign	Swap	CDS
Credit:TotalReturnSwap	Swap	Swap Reduced Validation
Credit:SingleName:Muni:StandardUSMunicipalFullFaithandCredit	Swap Swap	CDS
		CDS
Credit:SingleName:Muni:StandardUSMunicipalGeneralFund	Swap Swap	CDS
Credit:SingleName:Muni:StandardUSMunicipalRevenue	Swap	
Credit:Swaptions:Corporate:CDSSwaption	Option	CDSSwaption
Credit:Swaptions:Muni:CDSSwaption	Option	CDSSwaption
Credit:Swaptions:Sovereign:CDSSwaption	Option	CDSSwaption
Credit:IndexTranche:ABX:ABXTranche	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheHY	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheIG	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheXO	Swap	CDT
Credit:IndexTranche:CDX:StandardCDXTrancheHY	Swap	CDT

Valid Product IDs	Swap/ Option	Product
Credit:IndexTranche:CDX:StandardCDXTrancheIG	Swap	CDT
Credit:IndexTranche:CDXStructuredTranche:CDXBlendedTranche	Swap	CDT
Credit:IndexTranche:CDXStructuredTranche:CDXRiskyZeroTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxAsiaExJapanTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxAustraliaTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxEuropeTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxJapanTranche	Swap	CDT
Credit:IndexTranche:iTraxx:StandardiTraxxEuropeTranche	Swap	CDT
Credit:IndexTranche:iTraxxStructuredTranche:iTraxxBlendedTranche	Swap	CDT
Credit:IndexTranche:iTraxxStructuredTranche:iTraxxRiskyZeroTranche	Swap	CDT
Credit:IndexTranche:LCDX:LCDXTranche	Swap	CDT
Credit:IndexTranche:LCDX:StandardLCDXBulletTranche	Swap	CDT
Credit:IndexTranche:MCDX:MCDXTranche	Swap	CDT
Credit:Index:ABX:ABXHE	Swap	CDX
Credit:Index:CDX:CDXEmergingMarkets	Swap	CDX
Credit:Index:CDX:CDXEmergingMarketsDiversified	Swap	CDX
Credit:Index:CDX:CDXHY	Swap	CDX
Credit:Index:CDX:CDXIG	Swap	CDX
Credit:Index:CDX:CDXXO	Swap	CDX
Credit:Index:LCDX:StandardLCDXBullet	Swap	CDX
Credit:Index:CMBX:CMBX	Swap	CDX
Credit:Index:IOS:IOS	Swap	IOS
Credit:Index:iTraxx:iTraxxAsiaExJapan	Swap	CDX
Credit:Index:iTraxx:iTraxxAustralia	Swap	CDX
Credit:Index:iTraxx:iTraxxEurope	Swap	CDX
Credit:Index:iTraxx:iTraxxJapan	Swap	CDX
Credit:Index:iTraxxLevX	Swap	CDX
Credit:Index:iTraxx:ItraxxSDI	Swap	CDX
Credit:Index:iTraxx:iTraxxSovX	Swap	CDX
Credit:Index:LCDX:LCDX	Swap	CDX
Credit:Index:MCDX:MCDX	Swap	CDX
Credit:Swaptions:CDX:CDXSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxAsiaExJapanSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxAustraliaSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxEuropeSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxJapanSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxSovXSwaption	Option	CDXSwaption
Credit:Swaptions:MCDX:MCDXSwaption	Option	CDXSwaption
Credit:SingleName:Loans:ELCDS	Swap	ELCDS
Credit:SingleName:ABS:EuropeanMBS	Swap	EMBS
Credit:SingleName:RecoveryCDS:FixedRecoverySwaps	Swap	Fixed Recovery
Credit:SingleName:Loans:LCDS	Swap	LCDS
Credit:SingleName:Loans:StandardLCDSBullet	Swap	LCDS
Credit:SingleName:ABS:CDSonCDO	Swap	MBS
Credit:SingleName:ABS:0DS010D0	Swap	MBS
Credit:Index:MBX:MBX	Swap	MBX
Credit:Index:PO:PO	-	PO
Credit:Index:PO:PO Credit:Index:PrimeX:PrimeX	Swap Swap	PO PrimeX
Credit:SingleName:RecoveryCDS:RecoveryLocks	· ·	
Credit:SingleName:RecoveryCDS.RecoveryLocks	Swap	Recovery Lock Swap Reduced Validation
	Swap	
Credit:Exotic:Other	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:ContingentCDS	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:FirsttoDefaultNthtoDefault	Swap	Swap Reduced Validation
	0	
Credit:Exotic:StructuredCDS:BespokeTranche	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:IndexContingentCDS	Swap	Swap Reduced Validation
· · ·	-	

Swap Instrument/ Product - For Mapping

Valid Values for Master Doc Transaction Type

Master Document Transaction Type

Represents the "Master Confirmation Transaction Type" for a single name CDS trade					
that uses the Master Confirm form of documentation and must contain one of the					
following values:					
ISDA2003CreditNorthAmerican	CDS				
ISDA2003CreditEuropean	CDS				
ISDA2003CreditAsia	CDS				
ISDA2003CreditJapan	CDS				
ISDA2003CreditAustraliaNewZealand	CDS				
ISDA2003CreditSingapore	CDS				
ISDA2004CreditSovereignAsia	CDS				
ISDA2004CreditSovereignEmergingEuropeanAndMiddleEastern	CDS				
ISDA2004CreditSovereignJapan	CDS				
ISDA2004CreditSovereignLatinAmerican	CDS				
ISDA2004CreditSovereignWesternEuropean	CDS				
2014CreditNorthAmerican	CDS				
2014CreditNorthAmericanFinancial	CDS				
2014CreditEuropean	CDS				
2014CreditEuropeanFinancial	CDS				
2014CreditAsia	CDS				
2014CreditAsiaFinancial	CDS				
2014CreditJapan	CDS				
2014CreditJapanFinancial	CDS				
2014CreditAustraliaNewZealand	CDS				
2014CreditAustraliaNewZealandFinancial	CDS				
2014CreditSingapore	CDS				
2014CreditSingaporeFinancial	CDS				
2014CreditSovereignAsia	CDS				
2014CreditSovereignEmergingEuropeanAndMiddleEastern	CDS				
2014CreditSovereignJapan	CDS				
2014CreditSovereignLatinAmerican	CDS				
2014CreditSovereignWesternEuropean	CDS				

Represents the "Transaction Type" for a single name CDS trade that uses the Matrix

form of documentation and must contain one of the following values:	
AsiaCorporate	CDS
AsiaSovereign	CDS
AustraliaCorporate	CDS
AustraliaSovereign	CDS
EmergingEuropeanCorporate	CDS
EmergingEuropeanCorporateLPN	CDS
EmergingEuropeanAndMiddleEasternSovereign	CDS
EuropeanCorporate	CDS
JapanCorporate	CDS
JapanSovereign	CDS
LatinAmericaCorporate	CDS
LatinAmericaCorporateBond	CDS
LatinAmericaCorporateBondOrLoan	CDS
LatinAmericaSovereign	CDS
NewZealandCorporate	CDS

NewZealandSovereign NorthAmericanCorporate SingaporeCorporate SingaporeSovereign SubordinatedEuropeanInsuranceCorporate USMunicipalFullFaithAndCredit USMunicipalGeneralFund USMunicipalRevenue WesternEuropeanSovereign SukukCorporate SukukSovereign AsiaFinancialCorporate AustraliaFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EuropeanCoCoFinancialCorporate JapanFinancialCorporate LatinAmericaFinancialCorporateBond	CDS CDS CDS CDS CDS CDS CDS CDS CDS CDS
JapanFinancialCorporate	CDS
LatinAmericaFinancialCorporateBond LatinAmericaFinancialCorporateBondOrLoan NewZealandFinancialCorporate	CDS CDS CDS
NorthAmericanFinancialCorporate SingaporeFinancialCorporate	CDS CDS CDS
SukukFinancialCorporate	603

Represents the "Master Confirmation Transaction Type" for a Standard CDS trade that uses the Master Confirm form of documentation and must contain one of the following values:

ISDA2003StandardCreditNorthAmerican	CDS
ISDA2003StandardCreditEuropean	CDS
2014StandardCreditNorthAmerican	CDS
2014StandardCreditEuropean	CDS
2014StandardCreditEuropeanFinancial	CDS

Represents the "Master Confirmation Transaction Type" for a

Standard Credit Derivative trade that uses the Master Confirm form					
of documentation and must contain one of the following values:					
ISDA2003StandardCreditNorthAmerican	CDS				
ISDA2003StandardCreditEuropean	CDS				
ISDA2004StandardCreditSovereignWesternEuropean	CDS				
ISDA2004StandardCreditSovereignEmergingEuropeanAndMiddleEastern	CDS				
ISDA2004StandardCreditSovereignLatinAmerican	CDS				
ISDA2003StandardCreditAustraliaNewZealand	CDS				
ISDA2003StandardCreditAsia	CDS				
ISDA2003StandardCreditSingapore	CDS				
ISDA2004StandardCreditSovereignAsia	CDS				
ISDA2003StandardCreditJapan	CDS				
ISDA2004StandardCreditSovereignJapan	CDS				
2014StandardCreditNorthAmerican	CDS				
2014StandardCreditNorthAmericanFinancial	CDS				
2014StandardCreditEuropean	CDS				
2014StandardCreditEuropeanFinancial	CDS				

2014StandardCreditSovereignWesternEuropean	CDS CDS
2014StandardCreditSovereignEmergingEuropeanAndMiddleEastern	CDS
2014StandardCreditSovereignLatinAmerican	
2014StandardCreditAustraliaNewZealand	CDS
2014StandardCreditAustraliaNewZealandFinancial	CDS
2014StandardCreditAsia	CDS
2014StandardCreditAsiaFinancial	CDS
2014StandardCreditSingapore	CDS
2014StandardCreditSingaporeFinancial	CDS
2014StandardCreditSovereignAsia	CDS
2014StandardCreditJapan	CDS
2014StandardCreditJapanFinancial	CDS
2014StandardCreditSovereignJapan	CDS

Represents the "Transaction Type" for a Standard Credit Derivative

trade that uses the Matrix form of documentation and must	contain
one of the following values:	

one of the following values:	
StandardNorthAmericanCorporate	CDS
StandardEuropeanCorporate	CDS
StandardSubordinatedEuropeanInsuranceCorporate	CDS
StandardWesternEuropeanSovereign	CDS
StandardEmergingEuropeanCorporateLPN	CDS
StandardEmergingEuropeanCorporate	CDS
StandardLatinAmericaCorporateBond	CDS
StandardLatinAmericaCorporateBondOrLoan	CDS
StandardLatinAmericaSovereign	CDS
StandardEmergingEuropeanAndMiddleEasternSovereign	CDS
StandardAustraliaCorporate	CDS
StandardAustraliaSovereign	CDS
StandardNewZealandCorporate	CDS
StandardNewZealandSovereign	CDS
StandardAsiaCorporate	CDS
StandardAsiaSovereign	CDS
StandardSingaporeCorporate	CDS
StandardSingaporeSovereign	CDS
StandardJapanCorporate	CDS
StandardJapanSovereign	CDS
StandardSukukCorporate	CDS
StandardSukukSovereign	CDS
StandardUSMunicipalFullFaithAndCredit	CDS
StandardUSMunicipalGeneralFund	CDS
StandardUSMunicipalRevenue	CDS
StandardLCDSBullet	LCDS
StandardNorthAmericanFinancialCorporate	CDS
StandardEuropeanFinancialCorporate	CDS
StandardEuropeanCoCoFinancialCorporate	CDS
StandardEmergingEuropeanFinancialCorporateLPN	CDS
StandardEmergingEuropeanFinancialCorporate	CDS
StandardLatinAmericaFinancialCorporateBond	CDS
StandardLatinAmericaFinancialCorporateBondOrLoan	CDS
StandardAustraliaFinancialCorporate	CDS
StandardNewZealandFinancialCorporate	CDS
StandardAsiaFinancialCorporate	CDS
StandardSingaporeFinancialCorporate	CDS
StandardJapanFinancialCorporate	CDS

CDS

<u>Represents the "Standard Terms Supplement Type" for a single name CDS trade (which always uses the Standards Terms form of documentation) and must contain one of the following values:</u>

StandardTermsSupplement	CDS & LCDS
CDSonLeveragedLoans	ELCDS
CDSSwaption	CDSSwaption
EuropeanCMBS	EMBS
EuropeanRMBS	EMBS

Represents the "Master Confirmation Transaction Type" for an Index trade that uses	
the Master Confirm form of documentation and must contain the following value:	
2003CreditIndex	CDX
2014CreditIndex	CDX

<u>Represents the "Standard Terms Supplement Type" for an Index trade that uses the</u>	
Standard Terms form of documentation and must contain one of the following values:	
CDX	CDX
CDXEmergingMarkets	CDX
CDXEmergingMarketsDiversified	CDX
IOS	IOS
iTraxxAsiaExJapan	CDX
iTraxxAustralia	CDX
iTraxxCJ	CDX
iTraxxEurope	CDX
iTraxxJapan	CDX
iTraxxLevX	CDX
iTraxxSDI75Dealer	CDX
iTraxxSDI75NonDealer	CDX
iTraxxSovX	CDX
LCDX	CDX
MCDX	CDX
TRX	TRX
TRX.II	TRX
iTraxxEuropeDealer	CDX
iTraxxEuropeNonDealer	CDX
PrimeX	PrimeX
PO	PO
CDXSwaption	CDXSwaption
iTraxxEuropeSwaption	CDX
iTraxxAsiaExJapanSwaption	CDX
iTraxxAustraliaSwaption	CDX
iTraxxJapanSwaption	CDX
iTraxxSovXSwaption	CDX
MBX	MBX
ABX	CDX
CMBX	CDX
SP	CDX

Represents the "Standard Terms Supplement Type" for a Standard

Credit Derivative Index trade

StandardLCDXBullet

CDX

Represents the "Standard Terms Supplement Type" for an Index Tranche trade (which
always uses the Standards Terms form of documentation) and must contain one of the
following values:

Tonowing values.	
ABXTranche	CDT
CDXEmergingMarketsDiversifiedTranche	CDT
CDXTranche	CDT
iTraxxAsiaExJapanTranche	CDT
iTraxxAustraliaTranche	CDT
iTraxxCJTranche	CDT
iTraxxEuropeTranche	CDT
iTraxxJapanTranche	CDT
LCDXTranche	CDT

Represents the "Standard Terms Supplement Type" for an Standard

Credit Derivative Index Tranche trade	
StandardCDXTranche	CDT
StandardLCDXBulletTranche	CDT
StandardiTraxxEuropeTranche	CDT

Valid Product IDs	Swap/ Option	Product
Credit:SingleName:Corporate:AsiaCorporate	Swap	CDS
Credit:SingleName:Corporate:AustraliaCorporate	Swap	CDS
Credit:SingleName:Corporate:EmergingEuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:EmergingEuropeanCorporateLPN	Swap	CDS
Credit:SingleName:Corporate:EuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:JapanCorporate	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporate	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporateBond	Swap	CDS
Credit:SingleName:Corporate:LatinAmericaCorporateBondOrLoan	Swap	CDS
Credit:SingleName:Corporate:NewZealandCorporate	Swap	CDS
Credit:SingleName:Corporate:NorthAmericanCorporate	Swap	CDS
Credit:SingleName:Corporate:SingaporeCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardAsiaCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardAustraliaCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardEmergingEuropeanCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardEmergingEuropeanCorporateLPN	Swap	CDS
Credit:SingleName:Corporate:StandardEuropeanCorporate	Swap	CDS
		CDS
Credit:SingleName:Corporate:StandardJapanCorporate Credit:SingleName:Corporate:StandardLatinAmericaCorporateBond	Swap Swap	CDS
	•	
Credit:SingleName:Corporate:StandardLatinAmericaCorporateBondOrLoan	Swap	CDS
Credit:SingleName:Corporate:StandardNewZealandCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardNorthAmericanCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSingaporeCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSubordinatedEuropeanInsuranceCorporate	Swap	CDS
Credit:SingleName:Corporate:StandardSukukCorporate	Swap	CDS
Credit:SingleName:Corporate:SubordinatedEuropeanInsuranceCorporate	Swap	CDS
Credit:SingleName:Corporate:SukukCorporate	Swap	CDS
Credit:SingleName:Muni:USMunicipalFullFaithAndCredit	Swap	CDS
Credit:SingleName:Muni:USMunicipalGeneralFund	Swap	CDS
Credit:SingleName:Muni:USMunicipalRevenue	Swap	CDS
Credit:SingleName:Sovereign:AsiaSovereign	Swap	CDS
Credit:SingleName:Sovereign:AustraliaSovereign	Swap	CDS
Credit:SingleName:Sovereign:EmergingEuropeanAndMiddleEasternSovereign	Swap	CDS
Credit:SingleName:Sovereign:JapanSovereign	Swap	CDS
Credit:SingleName:Sovereign:LatinAmericaSovereign	Swap	CDS
Credit:SingleName:Sovereign:NewZealandSovereign	Swap	CDS
Credit:SingleName:Sovereign:SingaporeSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardAsiaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardAustraliaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardEmergingEuropeanAndMiddleEasternSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardJapanSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardLatinAmericaSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardNewZealandSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardSingaporeSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardSukukSovereign	Swap	CDS
Credit:SingleName:Sovereign:StandardWesternEuropeanSovereign	Swap	CDS
Credit:SingleName:Sovereign:SukukSovereign	Swap	CDS
Credit:SingleName:Sovereign:WesternEuropeanSovereign	Swap	CDS
Credit:TotalReturnSwap	Swap	Swap Reduced Validation
Credit:SingleName:Muni:StandardUSMunicipalFullFaithandCredit	Swap Swap	CDS
		CDS
Credit:SingleName:Muni:StandardUSMunicipalGeneralFund	Swap Swap	CDS
Credit:SingleName:Muni:StandardUSMunicipalRevenue	Swap	
Credit:Swaptions:Corporate:CDSSwaption	Option	CDSSwaption
Credit:Swaptions:Muni:CDSSwaption	Option	CDSSwaption
Credit:Swaptions:Sovereign:CDSSwaption	Option	CDSSwaption
Credit:IndexTranche:ABX:ABXTranche	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheHY	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheIG	Swap	CDT
Credit:IndexTranche:CDX:CDXTrancheXO	Swap	CDT
Credit:IndexTranche:CDX:StandardCDXTrancheHY	Swap	CDT

Valid Product IDs	Swap/ Option	Product
Credit:IndexTranche:CDX:StandardCDXTrancheIG	Swap	CDT
Credit:IndexTranche:CDXStructuredTranche:CDXBlendedTranche	Swap	CDT
Credit:IndexTranche:CDXStructuredTranche:CDXRiskyZeroTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxAsiaExJapanTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxAustraliaTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxEuropeTranche	Swap	CDT
Credit:IndexTranche:iTraxx:iTraxxJapanTranche	Swap	CDT
Credit:IndexTranche:iTraxx:StandardiTraxxEuropeTranche	Swap	CDT
Credit:IndexTranche:iTraxxStructuredTranche:iTraxxBlendedTranche	Swap	CDT
Credit:IndexTranche:iTraxxStructuredTranche:iTraxxRiskyZeroTranche	Swap	CDT
Credit:IndexTranche:LCDX:LCDXTranche	Swap	CDT
Credit:IndexTranche:LCDX:StandardLCDXBulletTranche	Swap	CDT
Credit:IndexTranche:MCDX:MCDXTranche	Swap	CDT
Credit:Index:ABX:ABXHE	Swap	CDX
Credit:Index:CDX:CDXEmergingMarkets	Swap	CDX
Credit:Index:CDX:CDXEmergingMarketsDiversified	Swap	CDX
Credit:Index:CDX:CDXHY	Swap	CDX
Credit:Index:CDX:CDXIG	Swap	CDX
Credit:Index:CDX:CDXXO	Swap	CDX
Credit:Index:LCDX:StandardLCDXBullet	Swap	CDX
Credit:Index:CMBX:CMBX	Swap	CDX
Credit:Index:IOS:IOS	Swap	IOS
Credit:Index:iTraxx:iTraxxAsiaExJapan	Swap	CDX
Credit:Index:iTraxx:iTraxxAustralia	Swap	CDX
Credit:Index:iTraxx:iTraxxEurope	Swap	CDX
Credit:Index:iTraxx:iTraxxJapan	Swap	CDX
Credit:Index:iTraxxLevX	Swap	CDX
Credit:Index:iTraxx:ItraxxSDI	Swap	CDX
Credit:Index:iTraxx:iTraxxSovX	Swap	CDX
Credit:Index:LCDX:LCDX	Swap	CDX
Credit:Index:MCDX:MCDX	Swap	CDX
Credit:Swaptions:CDX:CDXSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxAsiaExJapanSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxAustraliaSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxEuropeSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxJapanSwaption	Option	CDXSwaption
Credit:Swaptions:iTraxx:iTraxxSovXSwaption	Option	CDXSwaption
Credit:Swaptions:MCDX:MCDXSwaption	Option	CDXSwaption
Credit:SingleName:Loans:ELCDS	Swap	ELCDS
Credit:SingleName:ABS:EuropeanMBS	Swap	EMBS
Credit:SingleName:RecoveryCDS:FixedRecoverySwaps	Swap	Fixed Recovery
Credit:SingleName:Loans:LCDS	Swap	LCDS
Credit:SingleName:Loans:StandardLCDSBullet	Swap	LCDS
Credit:SingleName:ABS:CDSonCDO	Swap	MBS
Credit:SingleName:ABS:0DS010D0	Swap	MBS
Credit:Index:MBX:MBX	Swap	MBX
Credit:Index:PO:PO	-	PO
Credit:Index:PO:PO Credit:Index:PrimeX:PrimeX	Swap Swap	PO PrimeX
Credit:SingleName:RecoveryCDS:RecoveryLocks	· ·	
Credit:SingleName:RecoveryCDS.RecoveryLocks	Swap	Recovery Lock Swap Reduced Validation
	Swap	
Credit:Exotic:Other	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:ContingentCDS	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:FirsttoDefaultNthtoDefault	Swap	Swap Reduced Validation
	0	
Credit:Exotic:StructuredCDS:BespokeTranche	Swap	Swap Reduced Validation
Credit:Exotic:StructuredCDS:IndexContingentCDS	Swap	Swap Reduced Validation
· · ·	-	

Swap Instrument/ Product - For Mapping

Valid Values for Master Doc Transaction Type

Master Document Transaction Type

Represents the "Master Confirmation Transaction Type" for a single name CDS trade	
that uses the Master Confirm form of documentation and must contain one of the	
following values:	
ISDA2003CreditNorthAmerican	CDS
ISDA2003CreditEuropean	CDS
ISDA2003CreditAsia	CDS
ISDA2003CreditJapan	CDS
ISDA2003CreditAustraliaNewZealand	CDS
ISDA2003CreditSingapore	CDS
ISDA2004CreditSovereignAsia	CDS
ISDA2004CreditSovereignEmergingEuropeanAndMiddleEastern	CDS
ISDA2004CreditSovereignJapan	CDS
ISDA2004CreditSovereignLatinAmerican	CDS
ISDA2004CreditSovereignWesternEuropean	CDS
2014CreditNorthAmerican	CDS
2014CreditNorthAmericanFinancial	CDS
2014CreditEuropean	CDS
2014CreditEuropeanFinancial	CDS
2014CreditAsia	CDS
2014CreditAsiaFinancial	CDS
2014CreditJapan	CDS
2014CreditJapanFinancial	CDS
2014CreditAustraliaNewZealand	CDS
2014CreditAustraliaNewZealandFinancial	CDS
2014CreditSingapore	CDS
2014CreditSingaporeFinancial	CDS
2014CreditSovereignAsia	CDS
2014CreditSovereignEmergingEuropeanAndMiddleEastern	CDS
2014CreditSovereignJapan	CDS
2014CreditSovereignLatinAmerican	CDS
2014CreditSovereignWesternEuropean	CDS

Represents the "Transaction Type" for a single name CDS trade that uses the Matrix

form of documentation and must contain one of the following values:	
AsiaCorporate	CDS
AsiaSovereign	CDS
AustraliaCorporate	CDS
AustraliaSovereign	CDS
EmergingEuropeanCorporate	CDS
EmergingEuropeanCorporateLPN	CDS
EmergingEuropeanAndMiddleEasternSovereign	CDS
EuropeanCorporate	CDS
JapanCorporate	CDS
JapanSovereign	CDS
LatinAmericaCorporate	CDS
LatinAmericaCorporateBond	CDS
LatinAmericaCorporateBondOrLoan	CDS
LatinAmericaSovereign	CDS
NewZealandCorporate	CDS

NewZealandSovereign NorthAmericanCorporate SingaporeCorporate SingaporeSovereign SubordinatedEuropeanInsuranceCorporate USMunicipalFullFaithAndCredit USMunicipalGeneralFund USMunicipalRevenue WesternEuropeanSovereign SukukCorporate SukukSovereign AsiaFinancialCorporate AustraliaFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EmergingEuropeanFinancialCorporate EuropeanCoCoFinancialCorporate JapanFinancialCorporate LatinAmericaFinancialCorporateBond	CDS CDS CDS CDS CDS CDS CDS CDS CDS CDS
JapanFinancialCorporate	CDS
LatinAmericaFinancialCorporateBond LatinAmericaFinancialCorporateBondOrLoan NewZealandFinancialCorporate	CDS CDS CDS
NorthAmericanFinancialCorporate SingaporeFinancialCorporate	CDS CDS CDS
SukukFinancialCorporate	603

Represents the "Master Confirmation Transaction Type" for a Standard CDS trade that uses the Master Confirm form of documentation and must contain one of the following values:

ISDA2003StandardCreditNorthAmerican	CDS
ISDA2003StandardCreditEuropean	CDS
2014StandardCreditNorthAmerican	CDS
2014StandardCreditEuropean	CDS
2014StandardCreditEuropeanFinancial	CDS

Represents the "Master Confirmation Transaction Type" for a

Standard Credit Derivative trade that uses the Master Confirm form	
of documentation and must contain one of the following values:	
ISDA2003StandardCreditNorthAmerican	CDS
ISDA2003StandardCreditEuropean	CDS
ISDA2004StandardCreditSovereignWesternEuropean	CDS
ISDA2004StandardCreditSovereignEmergingEuropeanAndMiddleEastern	CDS
ISDA2004StandardCreditSovereignLatinAmerican	CDS
ISDA2003StandardCreditAustraliaNewZealand	CDS
ISDA2003StandardCreditAsia	CDS
ISDA2003StandardCreditSingapore	CDS
ISDA2004StandardCreditSovereignAsia	CDS
ISDA2003StandardCreditJapan	CDS
ISDA2004StandardCreditSovereignJapan	CDS
2014StandardCreditNorthAmerican	CDS
2014StandardCreditNorthAmericanFinancial	CDS
2014StandardCreditEuropean	CDS
2014StandardCreditEuropeanFinancial	CDS

2014StandardCreditSovereignWesternEuropean	CDS CDS
2014StandardCreditSovereignEmergingEuropeanAndMiddleEastern	CDS
2014StandardCreditSovereignLatinAmerican	
2014StandardCreditAustraliaNewZealand	CDS
2014StandardCreditAustraliaNewZealandFinancial	CDS
2014StandardCreditAsia	CDS
2014StandardCreditAsiaFinancial	CDS
2014StandardCreditSingapore	CDS
2014StandardCreditSingaporeFinancial	CDS
2014StandardCreditSovereignAsia	CDS
2014StandardCreditJapan	CDS
2014StandardCreditJapanFinancial	CDS
2014StandardCreditSovereignJapan	CDS

Represents the "Transaction Type" for a Standard Credit Derivative

trade that uses the Matrix form of documentation and must	contain
one of the following values:	

one of the following values:	
StandardNorthAmericanCorporate	CDS
StandardEuropeanCorporate	CDS
StandardSubordinatedEuropeanInsuranceCorporate	CDS
StandardWesternEuropeanSovereign	CDS
StandardEmergingEuropeanCorporateLPN	CDS
StandardEmergingEuropeanCorporate	CDS
StandardLatinAmericaCorporateBond	CDS
StandardLatinAmericaCorporateBondOrLoan	CDS
StandardLatinAmericaSovereign	CDS
StandardEmergingEuropeanAndMiddleEasternSovereign	CDS
StandardAustraliaCorporate	CDS
StandardAustraliaSovereign	CDS
StandardNewZealandCorporate	CDS
StandardNewZealandSovereign	CDS
StandardAsiaCorporate	CDS
StandardAsiaSovereign	CDS
StandardSingaporeCorporate	CDS
StandardSingaporeSovereign	CDS
StandardJapanCorporate	CDS
StandardJapanSovereign	CDS
StandardSukukCorporate	CDS
StandardSukukSovereign	CDS
StandardUSMunicipalFullFaithAndCredit	CDS
StandardUSMunicipalGeneralFund	CDS
StandardUSMunicipalRevenue	CDS
StandardLCDSBullet	LCDS
StandardNorthAmericanFinancialCorporate	CDS
StandardEuropeanFinancialCorporate	CDS
StandardEuropeanCoCoFinancialCorporate	CDS
StandardEmergingEuropeanFinancialCorporateLPN	CDS
StandardEmergingEuropeanFinancialCorporate	CDS
StandardLatinAmericaFinancialCorporateBond	CDS
StandardLatinAmericaFinancialCorporateBondOrLoan	CDS
StandardAustraliaFinancialCorporate	CDS
StandardNewZealandFinancialCorporate	CDS
StandardAsiaFinancialCorporate	CDS
StandardSingaporeFinancialCorporate	CDS
StandardJapanFinancialCorporate	CDS

CDS

<u>Represents the "Standard Terms Supplement Type" for a single name CDS trade (which always uses the Standards Terms form of documentation) and must contain one of the following values:</u>

StandardTermsSupplement	CDS & LCDS
CDSonLeveragedLoans	ELCDS
CDSSwaption	CDSSwaption
EuropeanCMBS	EMBS
EuropeanRMBS	EMBS

Represents the "Master Confirmation Transaction Type" for an Index trade that uses	
the Master Confirm form of documentation and must contain the following value:	
2003CreditIndex	CDX
2014CreditIndex	CDX

<u>Represents the "Standard Terms Supplement Type" for an Index trade that uses the</u>	
Standard Terms form of documentation and must contain one of the following values:	
CDX	CDX
CDXEmergingMarkets	CDX
CDXEmergingMarketsDiversified	CDX
IOS	IOS
iTraxxAsiaExJapan	CDX
iTraxxAustralia	CDX
iTraxxCJ	CDX
iTraxxEurope	CDX
iTraxxJapan	CDX
iTraxxLevX	CDX
iTraxxSDI75Dealer	CDX
iTraxxSDI75NonDealer	CDX
iTraxxSovX	CDX
LCDX	CDX
MCDX	CDX
TRX	TRX
TRX.II	TRX
iTraxxEuropeDealer	CDX
iTraxxEuropeNonDealer	CDX
PrimeX	PrimeX
PO	PO
CDXSwaption	CDXSwaption
iTraxxEuropeSwaption	CDX
iTraxxAsiaExJapanSwaption	CDX
iTraxxAustraliaSwaption	CDX
iTraxxJapanSwaption	CDX
iTraxxSovXSwaption	CDX
MBX	MBX
ABX	CDX
CMBX	CDX
SP	CDX

Represents the "Standard Terms Supplement Type" for a Standard

Credit Derivative Index trade

StandardLCDXBullet

CDX

Represents the "Standard Terms Supplement Type" for an Index Tranche trade (which
always uses the Standards Terms form of documentation) and must contain one of the
following values:

Tonowing values.	
ABXTranche	CDT
CDXEmergingMarketsDiversifiedTranche	CDT
CDXTranche	CDT
iTraxxAsiaExJapanTranche	CDT
iTraxxAustraliaTranche	CDT
iTraxxCJTranche	CDT
iTraxxEuropeTranche	CDT
iTraxxJapanTranche	CDT
LCDXTranche	CDT

Represents the "Standard Terms Supplement Type" for an Standard

Credit Derivative Index Tranche trade	
StandardCDXTranche	CDT
StandardLCDXBulletTranche	CDT
StandardiTraxxEuropeTranche	CDT

Credit Matrix

Day Count Fraction

When used in conjunction with a Definitions Type of ISDA2000, "1/1" refers to the Annex to the 2000 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a) and therefore equates to "1/1" which is specified as 1.
When used in conjunction with a Definitions Type of ISDA2006, "1/1" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (a) and therefore equates to "1/1" which is specified as 1.
Generally not defined in the DRV. Using this value with in conjunction with a DRV, where it is not defined, means using the meaning described in the 2006 ISDA Definitions.
Per 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (i).
if "ACT/365L" is specified, the actual number of days in the Calculation Period or Compounding Period in respect of which payment is being made divided by 365 (or, if the later Period End Date of the Calculation Period or Compounding Period falls in a leap year, divided by 366).
When used in conjunction with a Definitions Type of ISDA2000, "ACT/ACT.ISDA" refers to the Annex to the 2000 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (b), and therefore equates to any of "Actual/365", "Act/365", "A/365", "Actual/Actual" or "Act/Act".
When used in conjunction with a Definitions Type of ISDA2006, "ACT/ACT.ISDA" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (b), and therefore equates to any of "Actual/Actual", "Actual/Actual (ISDA)", "Act/Act" or "Act/Act (ISDA)".
When used in conjunction with a Definitions Type of DRV, ACT/ACT.ISDA refers to 365/365 act/act ISDA.
ACT/ACT.ICMA should not be used in conjunction with a Definitions Type of ISDA2000.
When used in conjunction with a Definitions Type of ISDA2006 "ACT/ACT.ICMA" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (c), and therefore equates to "Actual/Actual (ICMA)" or "Act/Act (ICMA)".
-

Credit Matrix

ACT/ACT.AFB	The Fixed/Floating Amount will be calculated in accordance with the "BASE EXACT/EXACT" day count fraction, as defined in the "Definitions Communes a plusieurs Additifs Techniques" published by the Association Francaise des Banques in September 1994.
	Not defined under ISDA. Using this value with in conjunction with a Definitions Type of ISDA means the Fixed/Floating Amount will be calculated in accordance with the "BASE EXACT/EXACT" day count fraction, as defined in the "Definitions Communes a plusieurs Additifs Techniques" published by the Association Francaise des Banques in September 1994.
	Generally not defined in the DRV. Using this value with in conjunction with a Definitions Type of DRV, where it is not defined, means the Fixed/Floating Amount will be calculated in accordance with the "BASE EXACT/EXACT" day count fraction, as defined in the "Definitions Communes a plusieurs Additifs Techniques" published by the Association Francaise des Banques in September 1994.
ACT/365.FIXED	When used in conjunction with a Definitions Type of ISDA2000, "ACT/365.FIXED" refers to the Annex to the 2000 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (c) and therefore equates to any of "Actual/365 (Fixed)", "Act/365 (Fixed)", "A/365 (Fixed)" or "A/365F".
	When used in conjunction with a Definitions Type of ISDA2006, "ACT/365.FIXED" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (d), and therefore equates to any of "Actual/365 (Fixed)", "Act/365 (Fixed)", "A/365 (Fixed)" or "A/365F".
	When used in conjunction with a Definitions Type of DRV, "Actual/365.Fixed" refers to 366/365.
ACT/360	When used in conjunction with a Definitions Type of ISDA2000, "ACT/360" refers to the Annex to the 2000 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (d) and therefore equates to any of "Actual/360", "Act/360" or "A/360".
	When used in conjunction with a Definitions Type of ISDA2006, "ACT/360" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (e) and therefore equates to any of "Actual/360", "Act/360" or "A/360".
	When used in conjunction with a Definitions Type of DRV, "Actual/360" refers to "365/360".
30/360	When used in conjunction with a Definitions Type of ISDA2000, "30/360" refers to the Annex to the 2000 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (e), and therefore equates to any of "30/360", "360/360" or "Bond Basis".
	When used in conjunction with a Definitions Type of ISDA2006, "30/360" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (f), and therefore equates to any of "30/360", "360/360" or "Bond Basis".
	When used in conjunction with a Definitions Type of DRV, "30/360" refers to "360/360".
30E/360	When used in conjunction with a Definitions Type of ISDA2000 "30E/360" refers to the Annex to the 2000 ISDA Definitions (June 2000 Version), Section 4.16. Day Count Fraction, paragraph (f), and therefore equates to "30E/360" or "Eurobond Basis".
	When used in conjunction with a Definitions Type of ISDA2006 "30E/360" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction, paragraph (g), and therefore equates to "30E/360" or "Eurobond basis".

	Generally not defined in the DRV. Using this value in conjunction with a Definitions Type of "DRV", where it is not defined, means using the meaning described in the 2006 ISDA Definitions.
BUS/252	Only used for BRL-CDI and should be specified on both the Fixed and Floating legs. For the Fixed Leg Day Count Fraction "BUS/252" means Calculation Days divided by 252, where "Calculation Days" is "As of the Trade Date, the number of Brazil Business Days from and including the Effective Date to but excluding the Termination Date. The Floating Leg Day Count Fraction is not used to calculate the Floating Amount, which is instead calculated according to the CDI Product formula. Within the CDI Product formula, N means, the number of Brazil Business Days (each such day, a "Reset Date") from and including the Effective Date to but excluding the Termination Date.
30E/360.ISDA	30E/360.ISDA should not be used in conjunction with a Definitions Type of ISDA2000. When used in conjunction with a Definitions Type of ISDA2006 "30E/360.ISDA" refers to the 2006 ISDA Definitions, Section 4.16. Day Count Fraction,
	paragraph (h), and therefore equates to "30E/360 (ISDA)". Generally not defined in the DRV. Using this value with in conjunction with a DRV, where it is not defined, means using the meaning described in the 2006 ISDA Definitions.
Other	Any of them which do not fit to the above definitions

Version	
Exhibit GG1 DDR Credit Matrix	original
	Change currency code to 3-digit ISO currency code (ISO
v2	4217)
	Added valid values to clearer value field: "false" or LEI of
v2	clearer
	Added validation rule to trade party 1 prefix and trade
v2	party 2 prefix
v2	Added lifecycle event enumerations
v2	Added valid values for clearing exception type
v2	Added clearing exception party prefix field
	Change Category (Column C) for Trade Party 1 Role and
	Trade Party 2 Role from "Primary" to "Primary (Inter-
v2	dealer), Secondary (role)"
	Change Category (Column C) for Clearer Value from
	"Primary" to "Primary (Intent to clear); Secondary
v2	(Clearing agency name)"
	Change name of field from "Trade party 1 Name" & "Trade
	Party 2 Name" to "Name of Trade Party 1" and "Name of
v2	Trade Party 2" respectively
	Changed name of the file to Credit-SEC-Data-Elements for
v2	consistency across asset classes
v3	Format updates
	Added clearer prefix, broker id 1/2 prefix execution agent
	id $1/2$ prefix, trade party $1/2$ branch prefix, execution
	venue prefix. Update to transferee, transferor and
v4	remaining party validation rules
V5	Change Non Standard Flag from O to R
v6	Removed Off Market Flag field
	Change Deising Constant from City Or shares doubled using
v6	Change Pricing Context from C to O; changed valid values.
	Remove Branch Prefix and Value fields and replace with
v6	Branch ID Location
v6	Remove UIC Product ID field
v7	Update to definition of Restructuring Events
v7	Branch ID Location column B changed to "New"

DTCC Data Repository (U.S.) LLC ("DDR")

Guide to Security-Based Swap Data Repository Processes

DRAFT - subject to change

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Overview

This guide is intended to provide insight into the **DTCC Data Repository (U.S.) LLC 's ("DDR")** processes supporting the receipt, processing, and reporting of security-based swap transactions, in accordance with regulations promulgated by the U.S. Securities and Exchange Commission ("SEC").

DDR acts as a central repository, receiving trade information from trade inception up to the maturity of the trade, including post-trade lifecycle events. DDR receives and stores primary economic terms ("PET"), confirmation, lifecycle event, trade snapshot and verification data. DDR uses trade snapshots and/or calculations derived from new trades and post-trade lifecycle events to report positions.

Terms used but not defined herein have the meaning provided in the DDR Rulebook available on DDR's public website at http://www.dtcc.com/derivatives-services/global-trade-repository/gtr-us.

Who Can Submit Trades to DDR?

The services offered by DDR that require registration, designation or recognition as a trade repository, swap data repository ("SDR") or security-based swap data repository ("SBSDR") under Applicable Law (the "SDR Services") are available to all Market Participants on a fair, open and equal basis. DDR does not impose membership qualifications on Users of its SDR Services beyond requiring execution of membership documents such as a User Agreement and the ability to comply with the technical specifications of the SDR Services as published by DDR from time to time, except as otherwise required by Applicable Law. Specifically, the SDR Services contemplate that Market Participants required to report swap and security-based swap data to a registered, designated or recognized trade repository, SDR or SBSDR in jurisdictions in which DDR operates, will be able to use the SDR Services to satisfy their reporting obligations.

In order to be granted access to the DDR Systems, receive trade information, confirm or verify transactions, submit messages or receive reports, a Market Participant must be on-boarded (see below section on on-boarding requirements). For those Market Participants that on-board, DDR provides a mechanism for parties to access the DDR System in order to confirm and verify transactions and provide UIC information as required under DDR's procedures.

What are DDR's On-boarding Requirements?

DDR has established minimal eligibility requirements for its Users in order to allow for fair, open and equitable access in a manner consistent with Applicable Law. The access requirements are contained in the DDR Rulebook which provides transparency to applicants and Users.

DDR's current Rulebook and Disclosure Document are publicly available to all prospective applicants. To participate in the SDR Services offered by DDR, each User must:

- Enter into a DDR User Agreement, and
- Agree to be bound by the terms of the User Agreement and Operating Procedures as specified in Appendices A and B of the DDR Rulebook.

What Types of On-boarding Does DDR Offer?

There are generally three types of on-boarding available to DDR Users:

Full Access: DDR Users who request full access must enter into the User Agreement and agree to be bound by its terms and the terms of the Operating Procedures. Full access Users are then eligible to submit information for swaps where they are the counterparty. Users with full access are also able to see open swaps and other reports generated by DDR where the User is indicated as a counterparty. This category also includes, for

example, parties such as Swap Execution Facilities and execution platforms that are required to report, but who are not parties to the trade and could include asset managers.

- **View Only**: DDR Users that are view only must enter into the View Only User Agreement and agree to be bound by its terms and the terms of the Operating Procedures and then are eligible to view open swaps and other reports generated by DDR where the view only User is listed as a counterparty or has been authorized by a counterparty to view data. View only Users may not submit swap information to DDR.
- Third-Party Service Provider: DDR Users that are third-party service providers must enter into the Third Party Provider Agreement and agree to be bound by its terms and the terms of the Operating Procedures. Additionally, a DDR User must permission its third-party service provider through a User Supplement outlined in the Document Summary Guide below, which authorizes a Third-Party Service Provider to submit information on behalf of the DDR User. Each User that the third-party service provider submits swap information on behalf of must also be on-boarded as a DDR User. This category includes, for example, confirmation and affirmation parties.

The primary distinction between the types of on-boarding relate to the type of connectivity that is established between the User and the DDR Systems.

How do I On-board?

The DDR On-boarding Team manages the on-boarding process. Questions with respect to DDR on-boarding should be directed as follows:

DDR On-boarding Email:	DDR-Onboarding@dtcc.com
DDR On-boarding Hotline:	North America 1-888-382-2721 (Option 3, 2, and 1)

All DDR on-boarding materials are available online, through the DTCC Client Center, at https://dtcclearning.com/learning/gtr/register

The Document Summary Guides that follow outline the documents required for on-boarding.

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Document Summary Guide

Asset Manager:			he completed?
		Which Document must	If your Asset Manager Account is already on
Document	Description	If your Asset Manager account is not already on boarded to DDR	boarded, and you wish to add more accounts, or make changes to account information previously provided to DDR
DDR Repository User Agreement	A legal agreement used to subscribe the Asset Manager to services provided by the Repository, and to bind the Asset Manager and the Repository to the Operating Procedures and the Applicable Publications. Only one of these three forms should be completed, as applicable. Please see adjacent guidance	Conditional: Must be completed if you are submitting (or authorizing a Third Party submit) to the Repository, and your account is not on-boarded to any DTCC Trade Repository.	Not needed
DDR View Only Repository Agreement		Conditional: Must be completed if requesting 'view only' access (no submissions) to data where you are named as the Legal Entity in the trade part field or in the execution agent field.	Not needed
DDR Supplement to DTCC Non-U.S. User Agreement		Conditional: If you already have a signed User Agreement with a different DTCC Repository (DDRL, DDRS, DDRJ), you may sign this supplement and it will constitute the DDR Repository User Agreement, in lieu of the above. If marked on the form, the existing Super Access Coordinators (SACs) and Third Party	Not needed
DDR Third-Party Submitter Authorization Supplement to the Repository User Agreement	A legal agreement that is a supplement to the repository User Agreement, and is used to authorize a Third Party to access and use the DDR Services on the User's behalf.	Submitters will become authorized for DDR. Conditional: Must be completed if using a third party submitter, unless the third party submitter information is indicated on the 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Not needed
DDR Annex I Cross Asset Service Request Form ASSET MANAGERS	A spreadsheet that constitutes Annex I of the Repository User Agreement, and Annex I of the Third party Submitter Authorization Supplement to the Repository User Agreement (if applicable). It is used to capture the information pertaining to all the Legal Entities subscribing to the Repository. This form includes an "Electronic Signature" tab which must be completed. The form will not be accepted without it.	Mandatory: Must be submitted with the applicable Repository User Agreement or 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Mandatory: Must be submitted to add accounts or to make changes to account information previously provided.
Super Access Coordinator (SAC) Form	A document that is used to set up a minimum of two users who will have full access to the Repository. These users will then be able to create various access roles internally. Please note that the signatory of the form cannot be an Access Coordinator themselves. If you wish the two users to have access to all of the accounts listed on the User Agreement, please insert " see Annex I Cross Asset Service Request Form" in the "Account Number(s) and/ or O-code" section.	Conditional: Must be completed unless the SAC information is indicated on the 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Not needed

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Non-Asset Manager

Which Document must be completed?			
Document	Description	If your User account is not already on boarded to DDR	If your User Account is already on boarded, and you wish to add more accounts, or make changes to account information previously provided to DDR
DDR Repository User Agreement	A legal agreement used to	Conditional: Must be completed if you are submitting (or authorizing a Third Party to submit) to the Repository, and your account is not on-boarded to any DTCC Trade Repository.	Not needed
DDR View Only Repository Agreement	subscribe the User to services provided by the Repository, and to bind the User and the Repository to the Operating Procedures and the Applicable Publications.	Conditional: Must be completed if requesting 'view only' access (no submissions) to data where you are named as the Legal Entity in the trade part field or in the execution agent field.	Not needed
DDR Supplement to DTCC Non-U.S. User Agreement	Only one of these three forms should be completed, as applicable. Please see adjacent guidance.	Conditional: If you already have a signed User Agreement with a different DTCC Repository (DDRL, DDRS, DDRJ), you may sign this supplement and it will constitute the DDR Repository User Agreement, in lieu of the above. If marked on the form, the existing Super Access Coordinators (SACs) and Third Party Submitters will become authorized for DDR.	Not needed
DDR Third-Party Submitter Authorization Supplement to the Repository User Agreement	A legal agreement that is a supplement to the repository User Agreement, and is used to authorize a Third Party to access and use the DDR Services on the User's behalf.	Conditional: Must be completed if using a third party submitter, unless the third party submitter information is indicated on the 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Not needed
DDR Annex I Cross Asset Service Request Form	A spreadsheet that constitutes Annex I of the Repository User Agreement, and Annex I of the Third party Submitter Authorization Supplement to the Repository User Agreement (if applicable). It is used to capture the information pertaining to all the Legal Entities subscribing to the Repository. This form includes an "Electronic Signature" tab which must be completed. The form will not be accepted without it.	Mandatory: Must be submitted with the applicable Repository User Agreement or 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Mandatory: Must be submitted to add accounts or to make changes to account information previously provided.
Super Access Coordinator (SAC) Form	A document that is used to set up a minimum of two users who will have full access to the Repository. These users will then be able to create various access roles internally. Please note that the signatory of the form cannot be an Access Coordinator themselves. If you wish the two users to have access to all of the accounts listed on the User Agreement, please insert " see Annex I Cross Asset Service Request Form" in the "Account Number(s) and/ or O-code" section.	Conditional: Must be completed unless the SAC information is indicated on the 'DDR Supplement to DTCC Non-U.S. User Agreement'.	Not needed

What Additional Information Must I Provide to On-board?

Pursuant to SEC Regulation, DDR must have a systemic means of identifying and tracking all products and persons involved in a security-based swap ("SBS") transaction. Accordingly, as part of the on-boarding process, an entity's ultimate parent LEI must be provided, with the exception of natural persons.

How Are Trades Submitted?

DDR accepts data using the following open-source structured data formats:

- Financial Products Markup Language (FpML) and
- Comma-separated value (CSV) file.

Clients subscribing to DDR can connect to DDR and submit data via the following channels:

- Secure Shell (SSH) Secure File Transfer Protocol (sFTP) which allows for the submission of messages using either FpML or CSV file formats. sFTP is available over the internet or a dedicated network. sFTP is a network protocol that provides file access, file transfer, and file management over a secure channel such as SSH. SSH allows data to be exchanged using a secure transmission channel between two networked devices.
- Message Queue (MQ) Channels allow for submission of messages using FpML. MQ is available only via a dedicated network. IBM WebSphere MQ is an assured delivery mechanism, which consists of queues managed by Queue Managers and allows messages to be entered into and retrieved from queues. Movement of messages between queues is facilitated by components called Channels and Transmission Queues. Prior to defining a new MQ channel to DTCC, customers must ensure they have TCP/IP connectivity using either the DTCC SMART, NYSE SFTI or BT RADIANZ networks. The IP addresses that the customer presents to DDR must be provisioned in DTCC's routers and firewalls (DTCC, The Depository Trust & Clearing Corporation, is the ultimate parent of DDR and is the source of infrastructure upon which DDR operates).
- Connect:Direct (previously known as Network Data Mover or NDM) allows for the submission of files using two formats: Binary mode (where no translation occurs), or in a mode where translation is used to convert an ASCII file to EBCDIC as it is moved to a mainframe (or vice-versa). Connect:Direct is available only via a dedicated network. Connect:Direct is used to transfer files between mainframes and midrange computers.
- Web Graphical User Interface (GUI) allows for the uploading of CSV files over the web. Web GUI is available over the internet using Hypertext Transfer Protocol Secured (HTTPS).

How is Trade Submission Supported?

DDR supports dual submission of a trade (that is each side submits the trade) or a single submission of a trade (where one party submits both sides of the trade). A Unique Trade Identifier (UTI) is used to uniquely identify each trade and the counterparties to the trade throughout its existence.

DDR supports submissions from all types of Market Participants including:

- Central Counterparty Clearing House (CCP)
- Dealer
- Buy-Side Client
- Fund Administrator
- Third-Party Service Provider
- Confirmation Service Provider
- Providers of Asset Servicing
- Custodian
- Asset Manager
- Other Intermediary
- Private Client
- Futures Commission Merchant (FCM)
- Regulator
- Prime Broker

What Are Trade Reporting Sources?

DDR accepts the following source types:

- Trusted
- Priority
- Standard

Source assignment is applicable only for Real Time, PET, Confirm, and Snapshot messages.

Trusted Source	An entity that meets the requirement of "Trusted Source" under the DDR Rulebook, for example, providers of asset servicing, such as the DTCC Trade Information Warehouse service, and central counterparties (CCPs).
Priority Source	An entity whose submissions to DDR are given precedence over standard participant submissions, but are not considered the official record of the trade. One example would be confirmation service providers. Note: The priority source designation is not applicable to all asset classes.
Standard Source	An entity whose submissions are not tagged trusted or priority.

What Submission Types Are Supported?

The following submission types are supported:

Submission Type Description Used to report the pricing Information of the trade and lifecycle events publically. The **PPD Message** (Public Price transaction type on the submission indicates if the PPD Message is for a trade or a lifecycle **Dissemination**) event. The Reporting Side will be required to use this message to instruct DDR to disseminate the record on DDR's public website. DDR's message template identifies required fields that must be populated. Upon receipt of the PPD message, DDR will timestamp the record and generate a dissemination ID for the trade record. DDR will then immediately disseminate the record to its public website. **PET ("Primary** This message supports regulatory non-public reporting. Used to report the full details of **Economic** the economic terms for trade and lifecycle events prior to confirmation. The transaction Terms") type on the submission indicates if the PET submission is for the trade or a lifecycle event. This message allows a User to submit all required information. The template does not require all confirmed fields (some secondary fields) to be populated at this time.

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Confirmation	This message supports regulatory non-public reporting. Used to report the confirmation data agreed upon by the trading parties confirming the trade. The transaction type on the submission indicates if the confirm submission is for the trade or a lifecycle event. This message allows a User to submit additional required information that specifies confirmation data fields.
PET- Confirmation	This message supports the combined PET and Confirmation fields in one message.
Snapshot	This message supports regulatory non-public reporting. This message can be used for new transaction submission as well as lifecycle update events. Used either to report the "point-in-time" view of the trade or to report the trade opening. The "point-in-time" view of the trade any trade lifecycle events. Users may choose to submit a snapshot for historical messages to represent the current state of the transaction. Also, Users may choose to use this message to submit the lifecycle event for a transaction. This message contains all the fields required to meet DDR required control fields and SEC primary and secondary fields.
Verification	This message allows the non-reporting side DDR Users to indicate agreement or disagreement with a position submitted to DDR on which they are listed as the counterparty.
UIC Message ("UIC")	This message allows a non-reporting User to submit UIC's for itself including: Branch ID, Broker ID, Execution Agent ID, Trading Desk ID and Trader ID.
Event	Used to submit the static data related to an event, such as a compression or credit event. The event data is used to describe an event for which the trade detail updates have been sent.

Note: Event messages are not supported for all asset classes. For example, for the rates asset class, new trades and terminations resulting from compression events are submitted using PET, Confirm, and Snapshot submissions.

What Are the Fields for Credits, Equity and Rates?¹

Data Field, Description and SEC Rule columns are included in this guide for ease of reference. Matrices reflecting <u>all</u> fields for Credits, Equity and Rates can be found in the following files: Credits: Credit-SEC-Data-Elements; Equity: Rates-SEC-Data-Elements; and Equity: Equities-SEC-Data-Elements.

¹ Fields may be required, conditional or optional, as described in the message specifications provided to Users.

Credits:

SEC Rule	Data Field	Description
901.c.1	Product ID Prefix	The prefix value for the type of Product ID provided.
901.c.1	Product ID Value	The ISDA Taxonomy representing the product structure.
901.c.1.i	Option Style	An indication of the style of the option transaction.
901.c.1.i	Option Type	An indication of the type of option.
901.c.1.i	Primary Asset Class	Indicates asset class associated to the message.
901.c.1.i	Reference Entity	The name of the underlying security.
901.c.1.i	Reference Entity ID	The unique Markit RED ID of the reference entity.
901.c.1.i	Reference Obligation	The ISIN or CUSIP of the obligations associated to the security.
901.c.1.i	Reference Price	Price of the security of a CDS on MBS/EMBS.
901.c.1.ii	Effective Date	The date that the reportable transaction becomes effective.
901.c.1.iii	Option expiration	An indication of the date after which the option is no longer available for exercise.
901.c.1.iii	Scheduled Termination Date	The maturity, termination, or end date of the transaction.
901.c.1.iv	Fixed Amount Payment Delay Applicable	This field describes if a payment delay is applicable.
901.c.1.iv	Initial Payment Amount	A fixed payment amount paid by the initial amount payer, agreed at trade inception for index products.
901.c.1.iv	Initial Payment Currency	The currency for the 'Initial Payment Amount'.
901.c.1.iv	Payment Frequency Period 1	Denotes a time period describing how often parties to the reportable swap transaction exchange payments associated with each party's obligation under the reportable swap transaction.
901.c.1.iv	Payment Frequency Period Multiplier 1	Identifies the payment frequency multiplier. An integer multiplier of a time period describing how often the parties to the reportable transaction exchange payments associated with each party's obligation under the reportable swap transaction.
901.c.1.iv	Single Payment Amount	A fixed payment amount paid by the initial amount payer, agreed at trade inception for single name products.
901.c.1.iv	Single Payment Currency	The currency of the 'Single Payment Amount'.
901.c.1.iv	Single Payment Date	The date on which the Single Payment Amount is made.
901.c.2	Original Execution Timestamp	The date and time of the original execution timestamp of the transaction.
901.c.3	Option Strike Price	The level or price at which an option may be exercised.
901.c.3	Option premium	The amount paid to enter into an Option.
901.c.3	Option premium currency	The currency associated with the Option Premium.
901.c.3	Price Notation - Price Type 1	The quoting type associated with the Price Notation.
901.c.3	Price Notation - Price 1	The quoted price at time of trade execution.
901.c.4	Notional Amount 1	Identifies the notional amount.
901.c.4	Notional Currency/Units 1	Identifies the currency of the Notional Amount.
901.c.5	Trade Party 1 Role	Indication of registration status for Party 1.

901.c.5	Trade Party 2 Role	Indication of registration status for Party 2.
901.c.6; 901.d.6	Clearer Prefix	Prefix of Clearing DCO
901.c.6; 901.d.6	Clearer Value	Indication if the trade will be cleared, and where.
901.c.7;907.a.4	Inter-Affiliate	Indicate whether the transaction is between two affiliated entities.
901.c.7;907.a.4	Nonstandard Flag	Provides an indication that the transaction has one or more additional term(s) or provision(s) not indicated that materially affect(s) the price of the reportable swap transaction.
901.c.7;907.a.4	Pricing Context	Identifies characteristic or circumstance that makes the trade off-market.
901.c.7;907.a.4	Compressed Trade	Indication that the transaction has been subject to or is the result of compression.
901.d.1	Trade Party 1 Prefix	Prefix for the ID in the Trade Party 1 Value field. This field will be used to validate the value provided in "Trade Party 1 Value"
901.d.1	Trade Party 1 Value	The ID of Trade Party 1 associated to the Trade Party 1 Prefix.
901.d.1	Trade Party 2 Prefix	Prefix for the ID in the Trade Party 2 Value field. This field will be used to validate the value provided in "Trade Party 2 Value"
901.d.1	Trade Party 2 Value	The ID of Trade Party 2 associated to the Trade Party 2 Prefix.
901.d.1	Indirect counterparty ID - Party 1 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 1 Value"
901.d.1	Indirect counterparty ID - Party 1 Value	The ID or name of the Indirect Counterparty of Trade Party 1 Value. If prefix is LEI, then LEI Id required.
901.d.1	Indirect counterparty ID - Party 2 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 2 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 2 Value"
901.d.1	Indirect counterparty ID - Party 2 Value	The ID or name of the Indirect Counterparty of Trade Party 2 Value. If prefix is LEI, then LEI ID required
901.d.1	Name of Trade Party 1	Legal Name of Trade Party 1.
901.d.1	Name of Trade Party 2	Legal Name of Trade Party 2.
901.d.2	Broker Id Party 1 Prefix	Prefix of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 1 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 2 Prefix	Prefix of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 2 Value	Indicates the LEI of the Broker for Trade Party 2 if applicable.
901.d.2	Desk ID Party 1	The client assigned identifier for the Desk ID of Trade Party 1.
901.d.2	Desk ID Party 2	The client assigned identifier for the Desk ID of Trade Party 2.
901.d.2	Execution Agent Party 1 Prefix	Prefix of the Execution Agent for Trade Party 1 if applicable.
901.d.2	Execution Agent Party 1 Value	LEI of execution agent.
901.d.2	Execution Agent Party 2 Prefix	Prefix of the Execution Agent for Trade Party 2 if applicable.
901.d.2	Execution Agent Party 2 Value	LEI of execution agent.
901.d.2	Branch ID Location Party 1	The location of the Branch for Trade Party 1

901.d.2	Branch ID Location Party 2	The location of the Branch for Trade Party 2
901.d.2	Trader ID Party 1	ID of the Trader for Party 1
901.d.2	Trader ID Party 2	ID of the Trader for Party 2
901.d.3	Buyer prefix	Prefix for the LEI in the Buyer value field.
901.d.3	Buyer value	For swaps, the LEI of the Trade Party buying protection. For Swaptions, the LEI of the Trade Party paying the premium.
901.d.3	Day Count Fraction	Determination of the number of days in the accrual period for the transaction to calculate the interest payment.
901.d.3	Fixed Rate (per annum)	The fixed rate of the contract.
901.d.3	Initial Factor	The part of the mortgage that is outstanding on trade inception, i.e. has not been repaid yet as principal. It is expressed as a multiplier factor to the mortgage: 1 means that the whole mortgage amount is outstanding, 0.8 means that 20% has been repaid.
901.d.3	Interest Shortfall Cap Applicable	Indicates if interest shortfall is applicable to the transaction
901.d.3	Interest Shortfall Cap Basis	Indicates the Cap Basis of the Interest Shortfall
901.d.3	Interest Shortfall Compounding Applicable	Indicates if Interest Shortfall compounding is applicable
901.d.3	Optional Early Termination Applicable	Indicates if Early Termination is applicable on the transaction
901.d.3	Single / Initial Payment Amount Payer	The payer of the Single or Initial Amount.
901.d.3	Single / Initial Payment Amount Receiver	The receiver of the Single or Initial Amount.
901.d.3	Underlying Fixed Rate Payer (Buyer)	If the Option Type is "Payer", the Swaption Buyer. If the Option Type is "Receiver", the Swaption Seller.
901.d.3	Underlying Float Rate Payer (Seller)	If the Option Type is "Payer", the Swaption Seller. if the Option Type is "Receiver", the Swaption Buyer.
901.d.4	Master Agreement Date	The agreement executed between the parties to the trade and intended to govern all applicable Credit derivatives transactions between those parties.
901.d.4	Master Document Transaction Type	Represents the "Master Confirmation Transaction Type" for a Single-Name or Index trade that uses the Master Confirm form of documentation. Represents the "Transaction Type" for a Single-Name trade that uses the Matrix form of documentation.
901.d.4	Documentation Type	Indicates if documentation type is Matrix or Standards Terms Supplement
901.d.4	Collateral agreement title	The title of the collateral agreement
901.d.4	Collateral agreement date	The date of the collateral agreement
901.d.4	Other agreement title	The title of other agreement
901.d.4	Other agreement date	The date of other agreement
901.d.5	Legal Final Maturity Date	The date upon which all principal and interest must be repaid.
901.d.5	Recovery Price	The price specifies the recovery level to be applied on a default.
901.d.5	Restructuring Events	This field indicates if restructuring applies to the transaction.
901.d.7	Clearing Exception Type	Indicates the type of clearing exception invoked on the transaction.
901.d.7	Clearing Exception Party Prefix	Prefix for the Clearing Exception Party Value
901.d.7	Clearing Exception Party Value	LEI of the Clearing Exception Party for end-user clearing exceptions.

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901.d.8	Exercise Event Type	The settlement terms if the option is exercised.
901.d.8	Settlement Currency	The currency of settlement.
901.d.8	Swaption Settlement Style	The settlement terms which apply to the transaction.
901.d.9	Execution Venue	The exchange or execution facility on which the trade was executed.
901.d.9	Execution Venue Prefix	The prefix for the Execution Venue
901.e.1.i	Affected Notional Amount	Identifies the change in notional from the notional previously reported.
901.e.1.i	Affected Notional Currency	The currency related to the Affected Notional Amount when submitted.
901.e.1.i	Event ID Party 1	A value provided by the user representing the lifecycle event for party 1.
901.e.1.i	Event ID Party 2	A value provided by the user representing the lifecycle event for party 2.
901.e.1.i	Event Processing ID	Indicates when the trade is part of a multi-transaction event (e.g. credit event, compression).
901.e.1.i	Execution Timestamp	The date and time of execution of the post trade transaction.
901.e.1.i	Lifecycle Event	Describes the event type of the record being submitted.
901.e.1.i	Post Trade Effective Date	The date the modification of a transaction becomes effective.
901.e.1.i	Post Trade Payment Amount	This field represents an amount payable in connection with the modification of a transaction.
901.e.1.i	Post Trade Payment Currency	The currency for the 'Post Trade Payment Amount'.
901.e.1.i	Post Trade Payment Date	The date on which the post trade payment is made.
901.e.1.i	Post Trade Payment Payer	The party paying the post trade payment amount.
901.e.1.i	Post Trade Payment Receiver	The party receiving the post trade payment amount.
901.e.1.i	Prior UTI	Indicates the prior transaction ID of a swap resulting from an allocation, termination, novation, assignment, compression or clearing.
901.e.1.i	Transaction Type	The Type of Transaction being submitted, whether for a new submission or post trade event.
901.e.1.i	Remaining Party prefix	The Prefix for the ID value submitted in Remaining Party Value.
901.e.1.i	Remaining Party value	The ID for the Remaining Party. This field represents the remaining party of a novated or assigned trade.
901.e.1.i	Transferee Prefix	The Prefix for the ID value submitted in 'Transferee value'.
901.e.1.i	Transferee value	The ID of the Transferee. This field represents the Trade Party that steps into an existing trade as a result of a novation or assignment.
901.e.1.i	Transferor Prefix	The Prefix for the ID value submitted in 'Transferor value'.
901.e.1.i	Transferor value	The ID of the Transferor. This field represents the Trade Party that has assigned or novated the trade to the Transferee. This is the "step-out" party of the original trade.
901.g; 901.d.10; 901.e.2	UTI	Unique transaction Identifier assigned to a swap.
902.c.7	Allocation Indicator	An indication that the swap is a post-allocation or a pre- allocation swap.
13n-5(b)(1)(iii)	Confirmation Type	Indicates if the PET or Confirmation submission is a paper document or an electronic document. "Not Confirmed" indicates a transaction that will not have a confirmation (i.e. internal trade).

13n-5(b)(1)(iii)	Data Submitter Message ID	This field allows a client to submit their own message ID for internal purposes.
13n-5(b)(1)(iii)	Data Submitter prefix	Prefix for the value provided in the "Data Submitter value".
13n-5(b)(1)(iii)	Data Submitter value	The LEI for the Submitter.
DDR required	Action	This is a DTCC control field, which describes the action to be applied to the trade message.
DDR required	As of Date Time	This is the timestamp that the user is providing for the lifecycle event or new transaction.
DDR required	Message Type	This field will describe the type of TR message being submitted (Confirmation, PET, Realtime, Snapshot etc.).
DDR required	Party 1 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.
DDR required	Party 2 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.
DDR required	Submitted For Prefix	The Prefix for the Submitted for Value
DDR required	Submitted For value	The ID of the party the transaction is submitted for.
DDR required	Trade Date	The date on which the trade was executed.
DDR required	sendTo	Used for routing messages to DTCC's GTR data centers.

Equities

SEC Rule	Data Field	Description
901.c.1	Product ID Prefix	The prefix value for the type of Product ID provided.
901.c.1	Product ID Value	The ISDA Taxonomy representing the product structure.
901.c.1.i	Option Type	An indication of the type of option.
901.c.1.i	Option Family/Style	An indication of the style of the option transaction.
901.c.1.i	Option Style	An indication of the style of the option transaction.
901.c.1.i	Primary Asset Class	Indicates asset class associated to the message.
901.c.1.i	Underlying Asset	The Underlying Asset ID of the transaction
901.c.1.i	Underlying Asset Identifier Type	Indicates the type of identifier submitted for Underlying Asset
901.c.1.ii	Trade Date	The date on which the trade was executed.
901.c.1.iii	Equity Leg Final Valuation Date	Specifies the final Valuation Date of an Equity Swap Transaction equity leg.
901.c.1.iii	Expiration Date	Specifies the Expiration Date in respect of a Option Transaction
901.c.1.iii	Floating Leg End Date/Termination Date	Specifies the Termination Date in respect of an Equity Swap Transaction. This is the last payment date on the floating leg.
901.c.1.iii	Period End Date	In respect of each Dividend Period, the date observations end for the given Dividend Period.
901.c.1.iii	Termination Date/Expiration Date	The maturity, termination, or end date of the transaction.
901.c.1.iii	Valuation Date	The maturity date of the transaction for Forward and Variance Swap
901.c.1.iv	Premium Payment Date	Payment date of the premium

901.c.1.iv	Cash Settlement Payment Date	For a Cash-settled Forward Transaction specifies the Cash Settlement Payment Date
901.c.1.iv	Cash Settlement Payment Date Offset	Specifies the Cash Settlement Payment Date in terms of a number of Currency Business Days following the Valuation Date.
901.c.1.iv	Dividend Payment Offset	For an Dividend Swap Transaction this specifies the Cash Settlement Payment Date in terms of a number of Currency Business Days following the Valuation Date.
901.c.1.iv	Equity Leg Payment Dates	List of payment dates for the equity leg
901.c.1.iv	Fixed Amount Payment Date	In respect of each Dividend Period, the adjusted fixed payment date for the given Dividend Period.
901.c.1.iv	Fixed Amount Payment Date Offset	Indicates the number of relative days that the fixed amount will be paid.
901.c.1.iv	Floating Leg Designated Maturity Period	The floating rate option quote rate (LIBOR 1 month vs 3 months)
901.c.1.iv	Floating Leg Designated Maturity Period Multiplier	The floating rate option quote rate multiplier (LIBOR 1 month vs 3 months)
901.c.1.iv	Floating Leg Payment Dates	Shows the Period End Dates for each Floating Leg Calculation Period which is also the payment date
901.c.1.iv	Floating Leg Payment Frequency Period	The frequency of floating leg payments
901.c.1.iv	Floating Leg Payment Frequency Period Multiplier	The frequency multiplier of floating leg payments
901.c.1.iv	Floating Rate Option	Specifies the Floating Rate Option in respect of an Equity Swap Transaction (Libor). This field is not applicable if fixed rate has been selected for the interest leg.
901.c.1.iv	Period Fixed Amount	In respect of each Dividend Period, the fixed Cash amount for the given Dividend Period.
901.c.1.iv	Period Fixed Strike	Amount to pay per underlier for each Dividend Period.
901.c.1.iv	Period Start Date	In respect of each Dividend Period, the date observations start for the given Dividend Period.
901.c.1.iv	Premium	The amount paid to enter into an Option.
901.c.1.iv	Premium Amount	The amount paid to enter into an Option in a Structured Product.
901.c.1.iv	Premium Amount Currency	The currency associated with the Premium Amount.
901.c.1.iv	Premium Currency	The currency associated with the Premium.
901.c.1.iv	Prepayment Amount	Amount paid at the beginning of the deal instead of the forward date
901.c.1.iv	Prepayment Currency	Currency of the amount paid at the beginning of the deal instead of the forward date
901.c.1.iv	Prepayment Date	Date of the prepayment
901.c.1.iv	Price Notation	The quoted price at time of trade execution.
901.c.1.iv	Price Notation Type	The quoting type associated with the Price Notation.
901.c.2	Original Execution Timestamp	The date and time of the original execution timestamp of the transaction.

901.c.3	Declared Cash Dividend Percentage	For a Dividend Swap Transaction, an amount as declared by the Issuer, before the withholding or deduction of taxes at source in respect of such a dividend.
901.c.3	Declared Cash Equivalent Dividend Percentage	For a Dividend Swap Transaction, an amount per Share being the cash value of any stock dividend declared by the Issuer or, if the Issuer declares no cash value, the cash value of such stock dividend.
901.c.3	Dividend Payment Date	In respect of each Dividend Period, the adjusted cash settlement date for the given Dividend Period. (repeatable)
901.c.3	Fee In	This is an upfront payment the buyer pays.
		If Fee In specifies an amount in Basis Points to be paid by the non-equity payer.
		(Mainly used with AEJ MCAs)
901.c.3	Forward Price	Price to be paid in future for underlyer
901.c.3	Forward Price Currency	Price currency to be paid in future for undedrlyer
901.c.3	Forward Strike Percentage	Specifies the percentage of the price of the Share on the Strike Date that will be the Strike Price for a Option Transaction that is forward starting.
901.c.3	Funded Amount	Specifies the amount of the funding in respect of an Equity Swap Transaction.
901.c.3	Funded Amount Currency	Specifies the currency amount of the funding in respect of an Equity Swap Transaction.
901.c.3	Material Non-Cash Dividend	Identifies if Material Non-Cash Dividends are applicable.
901.c.3	Multiplier (Index)	A multiplier which increases exposure of the underlier for an index
901.c.3	Option Strike Price	The level or price at which an option may be exercised.
901.c.3	Special Dividends	Indicates if Special Dividends (extremely large dividends out of the normal) apply
901.c.3	Strike Price	Specifies the Strike Price in respect of a Option Transaction.
901.c.3	Strike Price Currency	The Currency associated to the Strike Price
901.c.3	Underlying Asset Declared Cash Dividend Percentage	Percentage of declared cash dividend to be paid
901.c.3	Underlying Asset Declared Cash Equivalent Dividend Percentage	Percentage of declared non-cash dividend to be paid
901.c.3	Underlying Asset Dividend Percentage	Identifies the percentage of the dividend to be paid.
901.c.3	Underlying Asset Fixed Rate	Payer of the equity leg (per underlier)
901.c.3	Underlying Asset Floating Leg Spread	Spread on the financing leg
901.c.3	Underlying Asset Initial Price	Stated initial price. (Price of first observation)
901.c.3	Underlying Asset Initial Price Currency	Currency of the initial price
901.c.3	Underlying Asset Initial Price Election	Method to identify the initial price
901.c.3	Variance Cap	Specifies the Variance Cap in respect of a Variance Swap Transaction.

901.c.3	Variance Strike Price	Expected variance (Square of Volatility Strike Price)
901.c.3	Volatility Cap	Specifies the Volatility Cap in respect of a Variance Swap Transaction.
901.c.3	Volatility Strike Price	Expected Volatility (Volatility Strike Price = Square root of Variance Strike Price.)
901.c.4	Deal Notional Amount	Specifies the Equity Swap Notional Amount in respect of the Equity Swap Transaction.
901.c.4	Deal Notional Amount Currency	Specifies the currency of the Equity Notional Amount in respect of an Equity Swap Transaction.
901.c.4	Deal Units	Number of units for the deal
901.c.4	Notional Amount	The current number of baskets x Fixed Strike Price
901.c.4	Notional Amount Currency	The currency of the Notional Amount
901.c.4	Number of Options	Specifies the Number of Options in respect of a Option Transaction.
901.c.4	Number of Shares/Baskets	Specifies the Number of Shares in respect of an Dividend Swap Transaction.
901.c.4	Number of Shares/Units	Specifies the Number of Shares in respect of a Forward Transaction.
901.c.4	Option Entitlement (Share)	A multiplier which increases exposure of the underlyer
901.c.4	Underlying Asset Notional	Notional of Underlying Asset
901.c.4	Underlying Asset Notional Currency	Currency associated with the Underlying Asset Notional
901.c.4	Underlying Asset Number of Units/Shares	Units per underlier
901.c.4	Variance Amount	Size of the deal
901.c.4	Vega Notional Amount	Notional of the deal (Variance Amount * 2 * Volatility Strike Price)
901.c.4	Vega Notional Currency	The Currency of Vega Notional Amount
901.c.5	Party 1 Role	Indication of registration status for Party 1.
901.c.5	Party 2 Role	Indication of registration status for Party 2.
901.c.6; 901.d.6	Clearing DCO Prefix	Prefix of Clearing DCO
901.c.6; 901.d.6	Clearing DCO Value	Indication if the trade will be cleared, and where.
901.c.7; 907.a.4	Inter-Affiliate	Indicate whether the transaction is between two affiliated entities.
901.c.7;907.a.4	Non Standard Flag	Provides an indication that the transaction has one or more additional term(s) or provision(s) not indicated that materially affect(s) the price of the reportable swap transaction.
901.c.7;907.a.4	Pricing context	Identifies characteristic or circumstance that makes the trade off-market.
901.c.7; 907.a.4	Compressed Trade	Indication that the trade is as a result of a compression event
901.d.1	Party 1 Prefix	Prefix for the ID in the Trade Party 1 Value field. This field will be used to validate the value provided in "Trade Party 1 Value"
901.d.1	Party 1 Value	The ID of Trade Party 1 associated to the Trade Party 1 Prefix.
901.d.1	Party 2 Prefix	Prefix for the ID in the Trade Party 2 Value field. This field will be used to validate the value provided in "Trade Party 2 Value"
901.d.1	Party 2 Value	The ID of Trade Party 2 associated to the Trade Party 2

		Prefix.
901.d.1	Indirect counterparty ID - Party 1 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 1 Value"
901.d.1	Indirect counterparty ID - Party 1 Value	The ID of the Indirect Counterparty of Trade Party 1 Value
901.d.1	Indirect counterparty ID - Party 2 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 2 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 2 Value"
901.d.1	Indirect counterparty ID - Party 2 Value	The ID of the Indirect Counterparty of Trade Party 2 Value
901.d.1	Name of Trade Party 1	Legal Name of Party 1
901.d.1	Name of Trade Party 2	Legal Name of Party 2
901.d.2	Broker Id Party 1 Prefix	Prefix of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 1 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 2 Prefix	Prefix of the Broker for Trade Party 2 if applicable.
901.d.2	Broker Id Party 2 Value	Indicates the LEI of the Broker for Trade Party 2 if applicable.
901.d.2	Desk ID Party 1	The client assigned identifier for the Desk ID of Trade Party 1.
901.d.2	Desk ID Party 2	The client assigned identifier for the Desk ID of Trade Party 2.
901.d.2	Execution Agent Party 1 Prefix	Prefix of the execution agent party 1 value if applicable.
901.d.2	Execution Agent Party 1 Value	LEI of execution agent.
901.d.2	Execution Agent Party 2 Prefix	Prefix of the execution agent party 2 value if applicable.
901.d.2	Execution Agent Party 2 Value	LEI of execution agent.
901.d.2	Branch ID Location Party 1	The location of the Branch for Trade Party 1
901.d.2	Branch ID Location Party 2	The location of the Branch for Trade Party 2
901.d.2	Trader ID Party 1	ID of the Trader for Party 1
901.d.2	Trader ID Party 2	ID of the Trader for Party 2
901.d.3	Buyer Prefix	Prefix for the LEI in the Buyer value field.
901.d.3	Buyer Value	For swaps, the LEI of the Trade Party buying protection. For Swaptions, the LEI of the Trade Party paying the premium.
901.d.3	Day Count Convention	Determination of the number of days in the accrual period for the transaction to calculate the interest payment.
901.d.3	Equity Leg Valuation Dates	List of dates to value the equity or reset dates
901.d.3	Equity Leg Valuation Frequency Period	Equity leg reset frequency
901.d.3	Equity Leg Valuation Frequency Period Multiplier	Equity leg reset frequency multiplier
901.d.3	Fee Out	This is an at end of swap payment the buyer pays.
		If Fee Out specifies an amount in Basis Points to be paid by the non-equity payer.
		Mainly used with AEJ MCAs)

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901.d.3	Fixed Amount Payer Prefix	Prefix for the ID in the Fixed amount payer value field.
901.d.3	Fixed Amount Payer Value	This field specifies the Party that pays the fixed amount.
901.d.3	Fixed Amount Receiver Prefix	Prefix for the ID in the Fixed amount receiver value field.
901.d.3	Fixed Amount Receiver Value	This field specifies the Party that receives the fixed amount.
901.d.3	Lifecycle Amount Payer Prefix	Prefix for the ID in the Lifecycle amount payer value field.
901.d.3	Lifecycle Amount Payer Value	The party paying the lifecycle payment amount.
901.d.3	Lifecycle Amount Receiver Prefix	Prefix for the ID in the Lifecycle amount receiver value field.
901.d.3	Lifecycle Amount Receiver Value	The party paying the lifecycle payment amount.
901.d.3	Optional Early Termination Indicator	Indicates if Early Termination is applicable on the transaction
901.d.3	Premium Payer Prefix	Prefix for the ID in the premium payer field.
901.d.3	Premium Payer Value	The ID of the Premium Payer associated to the Premium Payer Prefix.
901.d.3	Underlying Asset Equity Amount Payer Prefix	Prefix for the ID in the Underlying Asset Equity Amount Payer value field.
901.d.3	Underlying Asset Equity Amount Payer Value	Payer of performance for an specific equity underlier
901.d.3	Underlying Asset Equity Amount Receiver Prefix	Prefix for the ID in the Underlying Asset Equity Amount Receiver value field.
901.d.3	Underlying Asset Equity Amount Receiver Value	Party that receives the performance the equity leg (per underlier)
901.d.3	Underlying Asset Floating Amount Payer Prefix	Prefix for the ID in the Underlying Asset Floating Amount Payer value field.
901.d.3	Underlying Asset Floating Amount Payer Value	Party that pays the funding leg
901.d.3	Underlying Asset Floating Amount Receiver Prefix	Prefix for the ID in the Underlying Asset Floating Amount Receiver value field.
901.d.3	Underlying Asset Floating Amount Receiver Value	Party receiving the funding leg payment
901.d.4	Master Agreement Date	The date of the agreement executed between the parties to the trade and intended to govern all applicable Equity derivatives transactions between those parties.
901.d.4	Master Agreement Type	The type of the agreement executed between the parties to the trade and intended to govern all applicable Equity derivatives transactions between those parties.
901.d.4	Master Agreement Version	The version of the agreement executed between the parties to the trade and intended to govern all applicable Equity derivatives transactions between those parties.
901.d.4	Collateral agreement title	The title of the collateral agreement
901.d.4	Collateral agreement date	The date of the collateral agreement
901.d.4	Other agreement title	The title of other agreement
901.d.4	Other agreement date	The date of other agreement
901.d.4	MCA Date	The date of the MCA
901.d.4	МСА Туре	The type of MCA
901.d.5	Futures Price Valuation	Specifies if Futures Price Valuation is applicable to a transaction.
901.d.5	Futures Price	Specifies if Futures Price Valuation is applicable to a transaction.

901.d.7	Clearing Exception Type	Indicates the type of clearing exception invoked on the
901.d.7	Clearing exception party prefix	transaction. Prefix for the Clearing Exception Party Value
901.d.7 901.d.7	Clearing Exception Party Value	LEI of the Clearing Exception Party value
901.0.7	Cleaning Exception Party Value	exceptions.
901.d.8	Settlement Currency	The currency of settlement.
901.d.8	Settlement Method	The settlement terms which apply to the transaction.
901.d.8	Settlement Type	For a Cash-settled Option, specifies the Settlement Type for purposes of determining the Option Cash Settlement Amount in respect of a Option Transaction. For a Physically-settled Option this field is not applicable and will not be displayed.0
901.d.9	Execution Venue	The exchange or execution facility on which the trade was executed.
901.d.9	Execution Venue Prefix	The prefix for the execution venue
901.e.1.i	Lifecycle Change in Deal Notional Amount	Identifies the change in deal notional between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Deal Notional Amount Currency	The currency related to the Lifecycle Change in Deal Notional Amount when submitted
901.e.1.i	Lifecycle Change in Deal Units	Change in number of units for whole deal
901.e.1.i	Lifecycle Change in Notional Amount	Identifies the change in notional between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Notional Amount Currency	The currency related to the Lifecycle Change in Notional Amount when submitted
901.e.1.i	Lifecycle Underlying Asset	The underlying asset to be modified on a lifecycle event
901.e.1.i	Lifecycle Underlying Asset Identifier Type	Scheme of the underyler code (ISIN, Bloomberg)
901.e.1.i	Event Processing ID	Indicates when the trade is part of a multi-transaction event (e.g. credit event, compression).
901.e.1.i	Execution Timestamp	The date and time of execution of the post trade transaction.
901.e.1.i	Lifecycle Change in Number of Options	Identifies the change in Number of Options between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Number of Shares/Baskets	Identifies the change in Number of Shares/Baskets between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Number of Units/Shares	Identifies the change in Number of Units/Shares between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Underlying Asset Number of Units/Shares	Identifies the change in Underlying Asset Units/Shares between the previously outstanding and currently outstanding notional.
901.e.1.i	Lifecycle Change in Variance Amount	Identifies the change in notional between the previously outstanding and currently outstanding Vega Amount.
901.e.1.i	Lifecycle Change in Vega Notional	Identifies the change in notional between the previously outstanding and currently outstanding Vega Notional
901.e.1.i	Lifecycle Change in Vega Notional Currency	The currency related to the Lifecycle Change in Vega Notional Currency when submitted
901.e.1.i	Lifecycle Event	Describes the event type of the record being submitted.
901.e.1.i	Lifecycle Payment Amount	Payment by one of the parties for the right to transact this event.

901.e.1.i	Lifecycle Payment Amount Currency	The currency related to the Lifecycle Payment Amount
901.e.1.i	Lifecycle Payment Date	The payment date for the lifecycle event
901.e.1.i	Lifecycle Transaction Date	The execution date of the lifecycle event
901.e.1.i	Lifecycle Underlying Asset Equity Amount Payer Prefix	Prefix for the ID in the Lifecycle Underlying Asset Equity Amount Payer value field.
901.e.1.i	Lifecycle Underlying Asset Equity Amount Payer Value	Payer of performance for an specific equity underlier
901.e.1.i	Lifecycle Underlying Asset Equity Amount Receiver Prefix	Prefix for the ID in the Lifecycle Underlying Asset Equity Amount Receiver value field.
901.e.1.i	Lifecycle Underlying Asset Equity Amount Receiver Value	Receiver of performance for an specific equity underlier
901.e.1.i	Lifecycle Underlying Asset Initial Price	This field represents the price per share/unit of that were increase or decreased due to this event. On Equity Swap (any), PSA (any) or CFD (any) more than one value may be specified by separating the values with a semicolon.
901.e.1.i	Lifecycle Underlying Asset Initial Price Currency	The currency of the Lifcycle Underlying Asset Initial Price
901.e.1.i	Lifecycle Underlying Asset Initial Price Election	Method to identify the Lifecycle Underlying Asset Initial Price
901.e.1.i	Party 1 Event ID	A value provided by the user representing the lifecycle event for party 1.
901.e.1.i	Party 2 Event ID	A value provided by the user representing the lifecycle event for party 2.
901.e.1.i	Prior UTI	Indicates the prior transaction ID of a swap resulting from an allocation, termination, novation, assignment, compression or clearing.
901.e.1.i	Process Date Time	Used to order modification of the same messages
901.e.1.i	Remaining Party Prefix	The Prefix for the ID value submitted in Remaining Party Value.
901.e.1.i	Remaining Party Value	The ID for the Remaining Party. This field represents the remaining party of a novated or assigned trade.
901.e.1.i	Transaction Type	The Type of Transaction being submitted, whether for a new submission or post trade event.
901.e.1.i	Transferee (EE) Prefix	The Prefix for the ID value submitted in 'Transferee value'.
901.e.1.i	Transferee (EE) Value	The ID of the Transferee. This field represents the Trade Party that steps into an existing trade as a result of a novation or assignment.
901.e.1.i	Transferor (OR) Prefix	The Prefix for the ID value submitted in 'Transferor value'.
901.e.1.i	Transferor (OR) Value	The ID of the Transferor. This field represents the Trade Party that has assigned or novated the trade to the Transferee. This is the "step-out" party of the original trade.
901.g; 901.d.10; 901.e.2	UTI	Unique transaction Identifier assigned to a swap.
902.c.7	Allocation Indicator	An indication that the swap is a post-allocation or a pre- allocation swap.
13n-5(b)(1)(iii)	Confirmation Type	Indicates if the PET or Confirmation submission is a paper document or an electronic document. "Not Confirmed" indicates a transaction that will not have a confirmation (i.e. internal trade).

13n-5(b)(1)(iii)	Data Submitter Prefix	Prefix for the value provided in the "Data Submitter value".	
13n-5(b)(1)(iii)	Data Submitter Value	The LEI for the Submitter.	
DDR required	Action	This is a DTCC control field, which describes the action to be applied to the trade message.	
DDR required	As of Date/Time	This is the timestamp that the user is providing for the lifecycle event or new transaction.	
DDR required	Message ID	This field allows a client to submit their own message ID for internal purposes.	
DDR required	Message Type	This field will describe the type of TR message being submitted (Confirmation, PET, Realtime, Snapshot etc.).	
DDR required	Party 1 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	
DDR required	Party 2 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	
DDR required	SendTo	Used for routing messages to DTCC's GTR data centers.	
DDR required	Submitted For Prefix	The Prefix for the Submitted for Value	
DDR required	Submitted For Value	The ID of the party the transaction is submitted for.	
DDR required	Version	An indication of the version of the message specification(s) under which this submission has been constructed. The version number is comprised of the cross-asset spec version number and the asset class specific version number. A blank value will default to the version CA3.0EQ2.0	

Rates

SEC Rule	Data Field	Description	
901.c.1	Product ID Prefix	The prefix value for the type of Product ID provided.	
901.c.1	Product ID Value	The ISDA Taxonomy representing the product structure.	
901.c.1.i	Exercise style	How and when the option can be exercised (European, Bermudan, American)	
901.c.1.i	Exotic - Underlying asset	The underlying asset(s), e.g. floating rate indices, upon which the product is priced.	
901.c.1.i	Option type	Whether the option is a put or call (actually a payer or receiver option)	
901.c.1.i	Primary Asset Class	Indicates asset class associated to the message.	
901.c.1.i	Underlying bond coupon	coupon rate of the bond	
901.c.1.i	Underlying bond currency	currency of the bond	
901.c.1.i	Underlying bond ID	ISIN or CUSIP of underlying bond	
901.c.1.i	Underlying bond issuer	entity that issues the bond	
901.c.1.ii	Effective Date - leg 1	For Swaps, the effective date of the swap. For Forwards, Forward date. Effective Date of the Contract: The date that the reportable swap transaction becomes effective or starts. The effective date shall be displayed with two digits for day, month, and year.	
		First date of the term of a swap (date of beginning of swap accruals), prior to any adjustment for business days	
901.c.1.ii	Trade Date	The date on which the trade was executed.	
901.c.1.iii	Bermudan exercise dates	Dates on which a Bermudan-style exercise swaption can be exercised (unadjusted)	

901.c.1.iii	Commencement date	beginning of exercise period for american-style options	
901.c.1.iii	Earliest exercise time	Earliest time option can be exercised on a valid exercise date'	
901.c.1.iii	Expiration Date	Last date option can be exercised	
901.c.1.iii	Expiration time	Latest time option can be exercised on a valid exercise date'	
901.c.1.iii	Latest exercise time	Latest time option notice can be given for exercise	
901.c.1.iii	Termination Date (unadjusted) - leg 1	last date of the term of a swap (date of end of swap accruals), prior to any adjustment for business days	
901.c.1.iii	Underlying bond maturity	maturity date of the bond	
901.c.1.iv	leg 1 payer	Party that pays the settlement amounts of leg 1 (a.k.a stream1 or leg 1).	
901.c.1.iv	leg 2 payer	Party that pays the settlement amounts of leg 2 (a.k.a stream2 or leg 2).	
901.c.1.iv	Payment Frequency period - leg 1	How often leg 1 settles - period	
901.c.1.iv	Payment Frequency period - leg 2	How often leg 2 settles - period	
901.c.1.iv	Payment Frequency period multiplier - leg 1	How often leg 1 settles - number of periods	
901.c.1.iv	Payment Frequency period multiplier- leg 2	How often leg 2 settles - number of periods	
901.c.1.iv	Premium Payer	Party that pays the premium	
901.c.1.iv	Premium Receiver	Party that receives the premium	
901.c.1.iv	Premium settlement date/Premium Payment Date	Unadjusted date on which the premium is paid	
901.c.1.iv	Settlement Currency (stream 1)	The currency the stream 1 settles in	
901.c.1.iv	Settlement Date (unadjusted)	When the settlement occurs	
901.c.1.v	Nonstandard Flag	Provides an indication that the transaction has one or more additional term(s) or provision(s) not indicated that materially affect(s) the price of the reportable swap transaction.	
901.c.2	Original Execution Timestamp	The date and time of the original execution timestamp of the transaction.	
901.c.3	Exotic - price - leg1	Valuations (observed or calculated prices)	
901.c.3	Exotic - price - leg2	Valuations (observed or calculated prices)	
001 0 2		Valuations (observed or calculated prices)	
901.0.3	Exotic - price units - leg1	Valuations (observed or calculated prices) Valuations (observed or calculated prices) - units of price	
901.c.3	Exotic - price units - leg1	Valuations (observed or calculated prices) - units of price	
901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price	
901.c.3 901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle.	
901.c.3 901.c.3 901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1 Exotic - settlement currency - leg2 Generic Product Option Strike Price	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle.	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3	Exotic - price units - leg1Exotic - price units - leg2Exotic - settlement currency - leg1Exotic - settlement currency - leg2Generic Product Option Strike Price Currency	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1 Exotic - settlement currency - leg2 Generic Product Option Strike Price Currency Premium amount	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1 Exotic - settlement currency - leg2 Generic Product Option Strike Price Currency Premium amount Premium currency	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1 Exotic - settlement currency - leg2 Generic Product Option Strike Price Currency Premium amount Premium Currency Premium Type	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in type of premium to be paid	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.4	Exotic - price units - leg1Exotic - price units - leg2Exotic - settlement currency - leg1Exotic - settlement currency - leg2Generic Product Option Strike Price CurrencyPremium amountPremium currencyPremium TypeStrike PriceExotic - Notional amount - leg1Exotic - Notional amount - leg2	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in type of premium to be paid price at which option is struck; forward price for BF The notional/nominal quantity on which the cashflows are calculated The notional/nominal quantity on which the cashflows are calculated	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.4	Exotic - price units - leg1Exotic - price units - leg2Exotic - settlement currency - leg1Exotic - settlement currency - leg2Generic Product Option Strike PriceCurrencyPremium amountPremium currencyPremium TypeStrike PriceExotic - Notional amount - leg1	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in type of premium to be paid price at which option is struck; forward price for BF The notional/nominal quantity on which the cashflows are calculated The notional/nominal quantity on which the cashflows are	
901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.3 901.c.4 901.c.4	Exotic - price units - leg1Exotic - price units - leg2Exotic - settlement currency - leg1Exotic - settlement currency - leg2Generic Product Option Strike Price CurrencyPremium amountPremium currencyPremium TypeStrike PriceExotic - Notional amount - leg1Exotic - Notional amount - leg2	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in type of premium to be paid price at which option is struck; forward price for BF The notional/nominal quantity on which the cashflows are calculated The currency of the notional value upon which interest rate	
	Exotic - price units - leg1 Exotic - price units - leg2 Exotic - settlement currency - leg1 Exotic - settlement currency - leg2 Generic Product Option Strike Price Currency Premium amount Premium Type Strike Price Exotic - Notional amount - leg1 Exotic - Notional amount - leg2	Valuations (observed or calculated prices) - units of price Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency or currencies in which the product can settle. The currency in which the option strike price is expressed Amount of the premium Currency that the premium is denominated in type of premium to be paid price at which option is struck; forward price for BF The notional/nominal quantity on which the cashflows are calculated The notional/nominal quantity on which the cashflows are calculated The currency of the notional value upon which interest rate calculations are done. Number of separate options (product of this and entitlement	

901.c.5	Trade Party 2 Role	Indication of registration status for Party 2.
901.c.6	Clearer Prefix	Prefix of Clearer
901.c.6	Clearer Value	Indication if the trade will be cleared, and where.
901.c.7; 907.a.4.i.	Pricing context	Identifies characteristic or circumstance that makes the trade off-market.
901.c.7; 907.a.4	Compressed Trade	Indication that the trade is as a result of a compression event
901.c.7; 907.a.4	Inter-Affiliate	Indicate whether the transaction is between two affiliated entities.
901.d.1	Indirect counterparty ID - Party 1 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 1 Value"
901.d.1	Indirect counterparty ID - Party 1 Value	The ID or name of the Indirect Counterparty of Trade Party 1 Value. If prefix is LEI, then LEI Id required.
901.d.1	Indirect counterparty ID - Party 2 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 2 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 2 Value"
901.d.1	Indirect counterparty ID - Party 2 Value	The ID or name of the Indirect Counterparty of Trade Party 2 Value. If prefix is LEI, then LEI ID required
901.d.1	Name of Trade Party 1	Legal Name of Trade Party 1
901.d.1	Trade Party 1 Prefix	Prefix for the ID in the Trade Party 1 Value field. This field will be used to validate the value provided in "Trade Party 1 Value"
901.d.1	Trade Party 1 Value	The ID of Trade Party 1 associated to the Trade Party 1 Prefix.
901.d.1	Name of Trade Party 2	Legal Name of Trade Party 2
901.d.1	Trade Party 2 Prefix	Prefix for the ID in the Trade Party 2 Value field. This field will be used to validate the value provided in "Trade Party 2 Value"
901.d.1	Trade Party 2 Value	The ID of Trade Party 2 associated to the Trade Party 2 Prefix.
901.d.2	Broker Id Party 1 Prefix	Prefix of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 1 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 2 Prefix	Prefix of the Broker for Trade Party 1 if applicable.
901.d.2	Broker Id Party 2 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable.
901.d.2	Desk Id Party 1	The client assigned identifier for the Desk ID of Trade Party 1.
901.d.2	Desk Id Party 2	The client assigned identifier for the Desk ID of Trade Party 2.
901.d.2	Execution Agent Party 1 Prefix	Prefix of the Execution Agent for Trade Party 1 if applicable.
901.d.2	Execution Agent Party 1 Value	LEI of execution agent.
901.d.2	Execution Agent Party 2 Prefix	Prefix of the Execution Agent for Trade Party 2 if applicable.
901.d.2	Execution Agent Party 2 Value	LEI of execution agent.
901.d.2	Branch ID Location Party 1	The location of the Branch for Trade Party 1
901.d.2	Branch ID Location Party 2	The location of the Branch for Trade Party 2
901.d.2	Trader Id Party 1	ID of the Trader for Party 1
901.d.2	Trader Id Party 2	ID of the Trader for Party 2
901.d.3	Automatic exercise threshold rate	If exercise is automatic, the minimum amount the trade needs to be in the money for the exercise to occur.
901.d.3	Buyer	Party receiving floating rate/Party with right to exercise the option
901.d.3	Seller	Party paying floating rate/Party with obligation to fulfill the option if exercised (the writer of the option).
901.d.4	Collateral agreement date	The date of the collateral agreement
901.d.4	Collateral agreement title	The title of the collateral agreement

		SEC EXHIBIT GO	
901.d.4	Master Agreement type	Reference to the name of the relevant master agreement, if used for the reported contract (e.g. ISDA Master Agreement; Master Power Purchase and Sale Agreement; International ForEx Master Agreement; European Master Agreement or any local Master Agreements).	
901.d.4	Master Agreement version	Reference to the year of the master agreement version used for the reported trade, if applicable (e.g. 1992, 2002,).	
901.d.4	Other agreement date	The date of other agreement	
901.d.4	Other agreement title	The title of other agreement	
901.d.5	Bermudan exercise date business centers	Business centers for adjusting Bermudan exercise dates	
901.d.5	Bermudan Exercise Date business day convention	Business day convention for adjusting Bermudan exercise dates	
901.d.5	bond option relevant underlying dates (unadjusted)	Dates on the underlying set by the exercise of the option (i.e. the termination date on the swap)	
901.d.5	bond option relevant underlying dates business centers	TBC. No Description On Template	
901.d.5	bond option relevant underlying dates business day convention	TBC. No Description On Template	
901.d.5	Commencement date business centers	Business centers for adjusting commencement date	
901.d.5	Commencement date business day convention	Business day convention for adjusting commencement date	
901.d.5	Earliest exercise time business center	Business center corresponding to earliest exercise time	
901.d.5	Expiration date business centers	Business centers for adjusting expiration date	
901.d.5	Expiration Date business day convention	Business day convention for adjusting expiration date	
901.d.5	Expiration time business center	Business center corresponding to expiration time	
901.d.5	Latest exercise time business center	Business center corresponding to latest exercise time	
901.d.5	Manual exercise - fallback exercise	If the exercise is manual, will the option be exercised automatically if no notice is given and the trade is at least 0.1% in the money	
901.d.5	Manual exercise party	If the exercise is manual, to which party should the notice be given?	
901.d.5	Premium payment date business centers	Business centers for adjusting premium	
901.d.5	Premium payment date business day convention	Business day convention for adjusting premium payment date	
901.d.5	Settlement Date adjustment business centers	business centers for settlement	
901.d.5	Settlement Date adjustment business day convention	business day convention for settlement	
901.d.7	Clearing Exception Party Prefix	Prefix for the Clearing Exception Party Value	
901.d.7	Clearing Exception Party Value	LEI of the Clearing Exception Party for end-user clearing exceptions. Entered if clearing exception has been invoked.	
901.d.7	Clearing Exception Type	Indicates the type of clearing exception invoked on the transaction.	
901.d.8	bond option relevant underlying dates (relative - offset) - period	Specifies the period type of the offset before or after the reference date that the option will settle	
901.d.8	bond option relevant underlying dates (relative - offset) - period multiplier	Specifies the number of periods before or after the reference date that the option will settle	
901.d.8	Settlement Type	How the option is settled (cash or physical)	

901.d.9	Execution Venue	The exchange or execution facility on which the trade was executed.	
901.d.9	Execution Venue Prefix	The prefix for the Execution Venue	
901.e.1.i	Event ID party 1	A value provided by the user representing the lifecycle event for party 1.	
901.e.1.i	Event ID Party 2	A value provided by the user representing the lifecycle event for party 2.	
901.e.1.i	Event Processing ID	Indicates when the trade is part of a multi-transaction event (e.g. credit event, compression).	
901.e.1.i	Execution Timestamp	The date and time of execution of the post trade transaction.	
901.e.1.i	Lifecycle Event	Describes the event type of the record being submitted.	
901.e.1.i	Prior UTI	Indicates the prior transaction ID of a swap resulting from an allocation, termination, novation, assignment, compression or clearing.	
901.e.1.i	Remaining Party (RP) Prefix	Prefix for the value provided in the "Remaining Party (RP) Value" field	
901.e.1.i	Remaining Party (RP) Value	ID of Remaining Party on a Novation	
901.e.1.i	Transaction Type	The Type of Transaction being submitted, whether for a new submission or post trade event.	
901.e.1.i	Transferee (EE) Prefix	Prefix for the value provided in the "Transferee (EE) Value" field	
901.e.1.i	Transferee (EE) Value	LEI of Step In Party on a Novation	
901.e.1.i	Transferor (OR) Prefix	Prefix for the value provided in the "Transferor (OR) Value" field	
901.e.1.i	Transferor (OR) Value	LEI of Step Out Party on a Novation	
901.g; 901.d.10; 901.e.2	UTI	Unique transaction Identifier assigned to a swap.	
902.c.7	Allocation Indicator	An indication that the swap is a post-allocation or a pre- allocation swap	
13n-5(b)(1)(iii)	Confirmation Type	Indicates if the PET or Confirmation submission is a paper document or an electronic document. "Not Confirmed" indicates a transaction that will not have a confirmation (i.e. internal trade).	
13n-5(b)(1)(iii)	Data Submitter Prefix	Prefix for the value provided in the "Data Submitter value".	
13n-5(b)(1)(iii)	Data Submitter Value	The LEI for the Submitter.	
DDR required	Action	This is a DTCC control field, which describes the action to be applied to the trade message.	
DDR required	As of Date Time	This is the timestamp that the user is providing for the lifecycle event or new transaction.Denotes the business date and time of the snapshot	
DDR required	Data Submitter Message Id	This field allows a client to submit their own message ID for internal purposes.	
DDR required	Message Type	This field will describe the type of TR message being submitted (Confirmation, PET, Realtime, Snapshot etc.).	
DDR required	Party 1 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	
DDR required	Party 2 Reporting Obligation	This field identifies the regulator the submitter has requested the message be sent to.	
DDR required	sendTo	Used for routing messages to DTCC's GTR data centers.	

DDR required	Submitted For Prefix	The Prefix for the Submitted for Value
DDR required	Submitted For Value	The ID of the party the transaction is submitted for.

How Do Users Submit Historical Trades to DDR?

The SEC defines a "Pre-enactment" swap as any security-based swap executed before July 21, 2010 (the date of enactment of the Dodd-Frank Act), the terms of which have not expired as of July 21, 2010 and a "Transitional" swap as a security-based swap executed on or after July 21, 2010, and before the first date on which trade-by-trade reporting of security-based swaps in that asset class to a registered security-based swap data repository is required.

The below transaction types will be used to support Pre-enactment and Transitional security-based swap reporting for the SEC. DDR does not validate whether or not the Historical Expired Trade satisfies the SEC definition of an expired preenactment or transitional swap. The Historical and Historical Expired trades will be subject to a minimal set of validations in order for the submission to be accepted for security-based swap reporting. The DDR System validations will focus on core fields necessary for the system to ingest the trade, which includes a valid UTI. Backloaded trades will have the standard validations that are applied on all SEC submissions and must meet the requirements in order for the submission to be ingested and reported to the SEC. Backloaded trades should be reported as Snapshot messages with Lifecycle Event = "Backload".

The following types of historical trades are accepted by the DDR Systems:

- **Historical Expired** Pre-enactment SBS executed before July 21, 2010 but Expired or Terminated before Compliance Date
- Historical Transitional SBS executed after July 21, 2010 but Expired or Terminated before Compliance Date
- Backload Pre-enactment SBS or Transitional SBS in Existence on or after Compliance Date (post-compliance)

Identification Codes

Pursuant to SEC Regulation all registered SBSDRs must have a systemic means of identifying and tracking all products and persons involved in a security-based swap transaction.

SEC Regulation has prescribed 10 identifiers where a Unique Identification Code ("UIC") shall be used. In addition, the SEC has recognized the global Legal Entity Identifier ("LEI") as an internationally recognized standards-setting system ("IRSS"). Accordingly, with respect to SBS transactions, DDR requires that all Users of its SBSDR services provide the following with respect to each of the 10 identifiers listed below:

Global LEI's

DDR requires all Users to obtain a valid LEI where it exists, from an IRSS that is recognized by the SEC. Where LEIs are populated, DDR performs a digit check on the LEI ID.

- **Platform ID.** The Platform ID is the UIC assigned to the platform (e.g. security-based swap execution facility or execution platform) where an SBS transaction is executed. DDR requires a LEI be provided for this field.
- Ultimate Parent ID. The Ultimate Parent ID is the UIC assigned to the ultimate parent of the User. This information is captured in DDR's operations system at the time a User on-boards to the DDR SEC reporting service as this is static information that does not vary by trade. DDR requires that each User provide the LEI of the ultimate parent for each account that is registered with DDR, with the exception of (1) natural persons who are not required to provide an LEI for Ultimate Parent (natural person IDs are discussed in more detail in Section 3, below) and (2) asset managers and the funds they manage (for asset managers, if the ultimate parent LEI of the fund is unavailable, DDR will accept the LEI for the fund).

- **Counterparty ID.** The counterparty ID is the UIC assigned to each counterparty or indirect counterparty to an SBS transaction. The counterparty may be an entity or a natural person. DDR requires the User to provide any trade party fields or indirect trade party fields. The fields are to be populated as follows:
 - * **An on-boarded User (entity).** Such entity is required to provide the value of "LEI" as the trade party 1 and trade party 2 prefix and the LEI value in the trade party 1 and trade party 2 value fields.
 - * An on-boarded User (natural person). For any trade reported against an individual, DDR requires the relevant trade party 1 and trade party 2 prefix of "Internal", the internal ID populated in the relevant trade party 1 and trade party 2 value fields and a name in the relevant trade party 1 or trade party 2 name field.
 - * Non-on-boarded counterparties:
 - + A non-onboarded MSBSP or SBSD counterparty: The User must provide an LEI for its nononboarded counterparty firm's counterparty ID if the firm is an MSBSP or SBSD. The value of "LEI" must be populated in the trade party 1 and trade party 2 prefix fields and the LEI value in the trade party 1 and trade party 2 value fields.
 - + A non-onboarded firm or natural person counterparty: The User must provide either an LEI or the User's internal ID for its non-onboarded counterparty firm or natural person's ID. If an LEI is used the value of "LEI" must be populated in the relevant trade party 1 or trade party 2 prefix field and the LEI value in the relevant trade party 1 or trade party 2 value field. If the User's internal ID is used, the User must provide the value of "Internal" in the relevant trade party 1 or trade party 2 prefix field, the internal ID in the relevant trade party 1 or trade party 2 value field, and a name in the relevant trade party 1 or trade party 2 name field. Once assigned, the internal ID code must then be consistently used in the User's subsequent DDR reporting of SBS transactions for that counterparty.
- **Broker ID**. The Broker ID is the UIC assigned to a person acting as a broker for the User. DDR requires an LEI value to be provided for this field.
- **Execution Agent ID.** The Execution Agent ID is the UIC assigned to a person, other than the broker or trader, which facilitates the execution of the SBS on behalf of a direct counterparty. DDR requires an LEI value to be provided for this field.

Other IDS

Each User is required to create the identifiers for SBS as set forth below. It shall be the responsibility of each User to maintain such identifiers (including but not limited to any internal mapping of static data) and to ensure their continued accuracy.

- Transaction ID. The transaction ID is the UIC assigned to a specific SBS transaction. DDR accepts transaction
 IDs in the Unique Transaction Identifier field ("UTI"). Transaction ID's are validated to determine if they are
 unique within the DDR System. However, it is the responsibility of the Reporting side to create the Transaction
 ID and provide the Transaction ID on each transaction. Non-reporting sides will be able to see the Transaction
 ID on the position report if they are on-boarded.
- **Branch ID**. The branch ID is the UIC assigned to a branch or other unincorporated office of the User. DDR requires the User to provide the 2 digit ISO alpha country code and the 2 digit subdivision (city) code where the branch or other unincorporated office is located. If the User has more than one branch in the same subdivision (city), the branch ID will also include a single digit following the country and city code referencing the specific branch, such as 1 or 2, for example.
- **Trading Desk ID.** The trading desk ID is the UIC assigned to the trading desk of the parties to the SBS transaction. DDR requires that Users populate this field using an alphanumeric code with 10 characters or less.
- Trader ID. The trader ID is the UIC assigned to a natural person who executes one or more SBS transactions on

behalf of a direct counterparty. DDR requires that Users populate this field using an alphanumeric code with 10 characters or less.

- **Product ID.** The Product ID for all asset classes will be the ISDA taxonomy.

About Transaction IDs

DDR requires a unique identifier ("Transaction ID") per trade in order to report to regulators. DDR supports reporting in multiple jurisdictions in which DDR is registered for multiple regulators and provides for two types of identifiers, a USI (Unique Swap Identifier) and UTI (Unique Transaction Identifier). In order to validate the uniqueness of each transaction ID, DDR applies a methodology ("Locks") that prevent the Transaction ID from being used for another trade in the same or another jurisdiction.

How Do I Submit Trades via Spreadsheet Upload?

Participants can submit trade records to DDR in CSV file format through the Upload web page.

1 On the GTR² dashboard, click **Upload**.

Global Trade Repository		
cent Upload Activity - Shows last 3 uploads		
reports available at this time.		
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The Upload page appears.

Note: If the GTR dashboard page is not used, click Upload CSV under UPLOADS on the main menu bar.

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2 Click Browse and then use the navigation tools provided to locate and select the spreadsheet file that you

² "GTR" refers to the cross asset Global Trade Repository service operated by DDR's ultimate parent and service provider, The Depository Trust & Clearing Corporation.

want to upload.

3 Click Upload.

DDR provides immediate feedback regarding the number of records read.

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		Please note that no validation of data submitted uploads. Please refer to the Reports Download regarding validation of submitted data.		
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What Activity Types Are Supported?

Choose one of the following actions to submit new records, or to modify or cancel existing records:

- New: To submit new records
- Modify: To update a previously submitted message.
- Cancel: To cancel a previously submitted message.

What Transaction Types Are Supported?

Supported transaction types are listed in the table below.

Note: The submission types available vary by asset class. That is, for some asset types, some of the submission types listed are *not* supported.

Transaction Type	Trade Description Opener or Post-Trade Event?	Submission Type(s) Supported
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Trade	Trade Opener	Used to open a new Trade in DDR on initial trade execution.	Real-Time, PET, Confirm, and Snapshot
Historical Expired	Trade Opener	"Historical Expired" applies to pre-enactment security-based swaps that have expired or terminated before the compliance date for Regulation SBSR.	Snapshot

Historical	Trade Opener	"Historical" applies to transitional security-based swaps that have expired or terminated before the compliance date for Regulation SBSR.	Snapshot
Backload	Trade Opener	When a trade exists before the inception of SEC reporting and is in existence at the inception of such reporting, participants can submit the trade as a "backload" type.	Snapshot

Novation- Trade	Trade Opener	Acts as a trade opener. Novation-Trade is the preferred method to report the trade between the remaining party and the transferee resulting from a novation.	Real-Time, PET, Confirm, and Snapshot
Exit	Post-Trade Event	Submitted to DDR when the parties wish to remove the trade from DDR.	PET, Confirm, and Snapshot

Novation	Post-Trade Event	Reduces an existing DDR trade state by the notional amount of the novation. This trade event type is typically used to report a real-time message for the novation agreed upon between one party in the existing bilateral trade (the transferor) and another party (the transferee). The novation also reduces the notional value of the existing trade between the transferor and the remaining party. Full novation represents existing contracts where the transferor assigns their entire trade (100% of the notional value) to the transferee. Because the transfer is of a pre- existing trade to another party, it does not affect gross notional value or contract totals. Partial novation represents existing contracts where the transferor assigns only a portion of the trade (less than 100% of the notional value) to a transferee.	Real-Time, PET, Confirm, and Snapshot
Termination	Post-Trade Event	Reduces an existing trade by the notional amount of the termination. Termination represents the unwinding of a transaction in DDR. When 100% of the notional value in a trade is terminated, it is referred to as a "full termination." When only a portion of the notional value (less than 100%) is terminated, it is referred to as a "partial termination." DDR does not differentiate between full termination and partial termination.	PET, Confirm, and Snapshot
Amendment	Post-Trade Event	An amendment to the trade after the original trade had been confirmed. An amendment effectively restates the notional of an existing trade.	Real-Time, PET, Confirm, and Snapshot
Increase	Post-Trade Event	Used to increase the notional of an existing trade after it has been executed and confirmed. An increase augments the trade by the notional amount of the increase.	Real-Time, PET, Confirm, and Snapshot
Exercise	Post-Trade Event	Used to indicate that all or part of an existing option trade has been exercised. An exercise decreases the notional amount of the trade by the notional amount of the exercise. DDR does not differentiate between partial exercise and full exercise.	Real-Time, PET, Confirm, and Snapshot

How Do I Submit Lifecycle Events via Spreadsheet Upload?

Lifecycle events capture changes to the original agreed-upon trade details that occur during a trade's lifetime.

Lifecycle events can be submitted via daily snapshot submissions or as discrete lifecycle events in the form of PET or Confirm submissions.

DDR supports the following lifecycle events:

- Amendment
- Increase
- Novation
- Termination
- Exit
- Exercise

Please see "What Transaction Types Are Supported?" above for descriptions for each lifecycle event.

How Do I Download Previously Uploaded Spreadsheets?

Spreadsheets previously uploaded can be downloaded via the DDR web GUI or secure FTP.

1 On the GTR dashboard, click **Download**.



The Spreadsheet Download page appears.

Note: If the GTR dashboard page is not used, click **REPORTS** on the main menu bar.

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A single spreadsheet can be downloaded as a CSV file, or multiple spreadsheets can be downloaded as a .zip file.

- 1 To download one or more spreadsheets in a .zip file, click the checkboxes for the spreadsheet(s) to be downloaded and then click **Download Zip**.
- 2 To download a single spreadsheet as a CSV file, click the checkbox for that spreadsheet and then click **Download** CSV.

How Does DDR Conduct Public Price Dissemination?

DDR's Public Price Dissemination solution provides Users with a way to report prices publically pursuant to the SEC regulations for security-based swaps.

Reporting sides are provided with a specific message, the PPD Message, with which to provide the information required to be disseminated. The PPD Message is available for dissemination if the fields "Reporting Obligation Party 1" or "Reporting Obligation Party 2" are populated with "SEC" and the message passes validations. DDR may reject a PPD message submitted due to the submission failing to meet DDR validations, including but not limited to the submission failing to be in a format that can be ingested by DDR, failing to meet jurisdictional requirements or failing to provide required data elements. A rejected PPD message is deemed not to have been submitted at all with respect to reporting to the jurisdiction for which it was rejected (it is possible that one message is submitted to comply with reporting in more than one jurisdiction and may be acceptable for one jurisdiction, but rejected for the other).

The PPD platform will perform validations on every PPD Message submitted. Based on the result of that validation, the PPD application will issue a response to the relevant parties indicating a positive or negative validation result. The possible message responses are identified as the acknowledgement ("ACK") and negative acknowledgement ("NACK") messages, discussed in more detail below.

DDR requires a separate message for public dissemination and for updating the position record. DDR requires that PPD Messages be sent at the same time as the position messages (i.e. PET, Confirmation and/or Snapshot messages). Firms may not send their position messages immediately and hold their PPD messages for up to 24 hours or vice versa. This applies to all update types where there is an accompanied position message, such as position opening messages, life cycle events and corrections. Further, DDR does not determine whether a PPD message should be disseminated publically. Any PPD message received is disseminated publically if it passes validations and is directed to the SEC as discussed above. DDR requires that the reporting side only provide PPD messages that are required to be disseminated under the regulations.

The dissemination of an accepted PPD Message will be immediate upon receipt and processing. The following timestamps will be recorded:

- Earliest recorded timestamp when message is placed on queue.
- Timestamp of when message was received.
- Timestamp of when message was processed by the PPD Platform.
- Timestamp of when message was expected to be disseminated.
- Timestamp of when message was actually disseminated.

The Dissemination ID is an SDR generated identifier used to uniquely identify a message without exposing the unique transaction identifier. This ID will be used to manage cancellations and corrections. On any PPD Message with an action of modify or cancel, the "Original Dissemination ID" will also be provided so that the original message impacted is identified.

The PPD Platform will receive messages with the following values in the Action field for a UTI:

- <u>New</u> First report for this trade event submission. Only one UTI with an Action of NEW will be allowed. A subsequent submission on the same UTI must have an Action of either Modify or Cancel. The PPD platform will reject any subsequent message listed as New per UTI.
- <u>Modify</u>-Valid modification or correction to an existing trade event that has previously been reported by the submitting party. The Modify action will be displayed to the public as a Cancel of the original submission and a Correction representing the Modify submission.
- <u>Cancel</u>-Cancellation of the previously submitted message. Cancel message instructs the PPD Platform to cancel the last submission on a particular UTI. If the previous submission has been disseminated, the PPD Platform will disseminate the cancel with the original dissemination ID link. If a cancel message is submitted on a UTI that does not exist on the PPD Platform, the Cancel message will receive a NACK message response.

How Do I Know That DDR Accepted My Transaction?

DDR performs different types of validations for each transaction it receives:

- Schema validations check that a submission is consistent with the accepted GTR format. i.e. is CSV valid, the fields are formatted correctly
- **Core validations** the basic checks that ensure the submission can be accepted into the GTR, i.e. Permission, USI/UTI lock, transaction & action type consistency validations
- **Business validation** applied at the point of in-bound submission processing to ensure integrity and logical consistency. These validations will:
 - * Ensure that the messages are well formed and provide a logical and complete description of the core trade economics.
 - * Ensure that DDR does not degrade the quality of the information held within the repository by

allowing incomplete or illogical trade descriptions to be accepted and stored.

- **Regulatory validations** - regulatory specific validations applied following the normal business validations. For example, if the same field is required by one jurisdiction and is optional for another, the jurisdiction requiring the field would have a regulatory validation to check for the field

DDR will accept or reject transactions based on its validation process. Acceptance messages are called ACKS (acceptance) and rejection messages are called NACKs (negative acceptance). Where a transaction is accepted, both the submitting party and its on-boarded counterparty receive electronic ACK messages. Where a transaction was not accepted, the submitting party will receive an electronic NACK message along with an associated error code so that they can correct the transaction and retransmit to DDR. Where a transaction is accepted but fails one of the jurisdictional validations, the submitting party will receive an electronic notification along with the associated error code so they can correct the transaction and retransmit to DDR. DDR may reject a transaction submitted due to the submission failing to meet DDR validations, including but not limited to the submission failing to be in a format that can be ingested by DDR, failing to meet jurisdictional requirements or failing to provide required data elements. A rejected transaction is deemed not to have been submitted at all with respect to reporting to the jurisdiction for which it was rejected (it is possible that one transaction is submitted to comply with reporting in more than one jurisdiction and may be acceptable for one jurisdiction, but rejected for the other).

Examples of error codes are:

ERROR_CD	INTERNAL_DESCRIPTION	ASSET_ID	ТҮРЕ
BASV-00001	Missing Asset Class	ALL	Error (NACK)
BASV-00002	Missing Submitter ID	ALL	Error (NACK)
BASV-00004	Missing Message Type	ALL	Error (NACK)
BASV-00005	Missing Transaction Type	ALL	Error (NACK)

How Does DDR Calculate Trade State?

DDR calculates the trade state for every trading party in DDR and for all UTIs present in the system. The trade states are summed to determine the party-counterparty position.

DDR calculates the trade state for a given UTI by summing the trade events that DDR receives for that particular UTI.

How Does DDR Calculate Positions?

DDR receives certain data provided by reporting sides pursuant to SEC Rule 901(c), (d), and (e) for security-based swaps. Each security-based swap, distinguished by its unique transaction identifier ("UTI"), is referred to by DDR as a "trade."

Trade records are comprised of a series of messages, each referred to as a "transaction." Examples of transactions include, for example, terminations, amendments, and novations. DDR receives transaction data and records that information by UTI. Each transaction data report is incorporated into the full trade record for a UTI and, over the course of the life of a trade, subsequent lifecycle event reporting is added to the trade's record.

On a daily basis, for each open UTI, the standard position calculation algorithm reviews a trade's cumulative set of transactions to aggregate and net these discrete submissions to calculate the final end of day position for a specific trade. DDR refers to this information as a trade's "position."

DDR then consolidates individual trade position information into "aggregate positions" for all open trades for which DDR

maintains records. This information is reported on a daily basis in the format below and allows for aggregation by the asset class-specific attributes noted in each table. Aggregate position reports are created once a day during the DDR batch cycle which starts at 04:00 EST in the US Data Center.

DDR's standard reports include header records containing both the business date for which the report was generated and also the actual date that the report ran. DDR daily reports provide the following aggregate position information for all reporting parties with security-based swaps.

Underlying Asset Identifier Type	Reportin g Party	Buy Contracts	Sell Contracts	Buy Notional (USDEQ)	Sell Notional (USDEQ)	Gross Notional (USDEQ)	Net Notional (USDEQ)
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How Do I Confirm, Verify or Dispute the Accuracy of a Security-Based Swap Transaction?

Data that has been submitted to DDR must be complete and accurate. DDR provides facilities reasonably designed to allow a reporting side to confirm a position and the non-reporting User to verify a position in which they are a counterparty, in addition to providing Users the opportunity to effectively resolve disputes over the accuracy of transaction data and positions that are reported to DDR.

The SDR Services will make available trade detail reports that enable Users to view all records, including records submitted by the User and records submitted for a trade allegedly identifying the User as a counterparty to the trade. These reports will allow Users to reconcile the records in the SDR Services to their own risk systems.

The Users shall be responsible for resolving any disputes between themselves uncovered during the reconciliation process and, as appropriate, submitting correct information pursuant to the DDR Rulebook. The disputed status will remain until the Reporting Party updates the transaction. See the "Dispute" Section below for more information.

DDR's confirmation and pairing methodology and verification process (utilized by the non-reporting side User) are described below.

Pairing Methodology to Confirm a Position

DDR will establish the pairing method using three key data elements: (1) identity of the entity submitting data to DDR, (2) confirmation type, and (3) confirmation status.

DDR obtains information regarding (1) and (2) from the entity that submits data to DDR. The entity that submits the data provides the confirmation type of "electronic," "non-electronic," or "non-confirmed." DDR derives the confirmation status based on a hierarchy applied to the submitting entity: Trusted Sources, an affirmation or confirmation platform, the submitting party indicates the trade was executed on an electronic trading facility and inter-affiliate trades are assigned a confirmation status of "confirmed". For all other types of entities that submit trade information to DDR, the confirmation status (confirmed or unconfirmed) is assigned based on the confirmation type provided by the submitter. If the confirmation type is "electronic" or "non-electronic," the confirmation status becomes "confirmed." If the confirmation type is "non-confirmed," then the confirmation status becomes "unconfirmed." DDR provides the confirmation status to Users on their position reports.

A trade may initially be submitted to DDR as unconfirmed, in which case it is the responsibility of the Reporting Party to update the confirmation type once the trade has been confirmed.

Verification Methodology

The non-reporting side User is responsible for verifying the accuracy of the information submitted by the reporting side. DDR employs the following methodology to indicate the verification status of a position:

- (1) **Verified** means the terms of the position are accurate.
 - (a) Trades received from a DDR Trusted Source, a recognized affirmation or confirmation platform, or was executed on a trading platform default to "verified."
 - (b) The verification status for inter-affiliate trades defaults to "verified."
 - (c) The non-reporting side User sends a verification message indicating that the position is "verified."
- (2) **Disputed** means a position is not classified as (1)(a) or (1)(b) above and the non-reporting side User has sent a verification message indicating that the position is "disputed."
- (3) **Pending Verification** means a position is not classified as (1)(a) or (1)(b) above and the non-reporting side User has not taken any action to verify or dispute the position within 48 hours of DDR's position calculation.
- (4) **Deemed Verified** means a position is not classified as (1)(a) and (1)(b) above and the non-reporting side User has not taken any action to verify or dispute the position after 48 hours of DDR's position calculation.

Outreach to Non-User Counterparties

DDR will attempt to contact counterparties to a trade reported to DDR who are not Users (a "Non-User"), where such party's LEI is provided and there is email contact information available to DDR in the information or static data maintained by the DTCC trade repositories about their Users ("TR System User Database"), to notify the Non-User that a trade has been reported on which they may have been named a counterparty and they must on board to DDR to verify the accuracy of the information submitted and provide any missing information such as UICs, if applicable.

Contacting Users Regarding Missing UICs.

Daily reports are available to all Users containing data for trades on which they are identified as a counterparty. These reports allow the User to review any record submitted by it or any entity naming the User as a counterparty to a submitted trade. DDR expects the User to review their daily reports to determine if any UICs are missing and to cause the record to be modified to add the missing UICs via any message utilized by that User to submit data to DDR or by a UIC message as described in the Rulebook Rule 4.2.3.2.

Disputes

The Users shall be responsible for resolving any disputes between themselves uncovered during the reconciliation process and, as appropriate, submitting correct information. In the event a User disputes a trade alleged to apply to it by the counterparty, or disputes any of the terms within the alleged transaction, the User shall register such dispute by indicating the position is disputed on the verification message. If such User fails to register such dispute within 48 hours of the relevant trade detail report being issued, the record will be deemed verified as described above. The disputed status will remain until the Reporting Party or reporting side updates the transaction. The non-reporting User may submit dispute messages in response to any new or updated trade.

All reports and Transaction Records provided to Designated Regulators will include the status of these Transaction Records, including dispute and verification status, thus making such disputes visible to the SEC and incentivizing the parties to the transaction to resolve the dispute. Where DDR has received conflicting or inconsistent Transaction Records from more than one submitter in respect of a particular transaction (such as from a SEF and a Reporting Party),

DDR will maintain all such Transaction Records (unless cancelled or modified as described above) and will make such records available to the Designated Regulators in accordance .

Reports

DDR provides regulators and Users with reports that are designed to provide visibility into positions and the status of submitted trades.

Users and regulators must be configured with the proper authorizations in order to view reports. With the exception of the ACK / NACK and spreadsheet download reports which are created as soon as submissions are uploaded to the DDR, all reports are created once a day during the DDR batch cycle which starts at 04:00 EST in the US Data Center (USDC). All standard reports include header records containing both the business date for which the report was generated and also the actual date that the report ran. Having this information stated on all reporting output provides participants with the information needed to enable them to ensure that they use the latest reports available. Ad-hoc queries of specific data can be achieved by contacting the GTR operations team (email <u>GTR_Operations@dtcc.com</u>).

How are Users Notified of Changes to the DDR System?

There are often changes that need to be made to the DDR System to maintain compliance with the regulations, improve efficiencies, respond to industry best practices or address business changes determined by management and approved by the Board and regulators (if applicable). This may take the form of new fields or flags or changes to validations. Such changes are reviewed internally and an initial course of action is determined. For changes that affect DDR Users, an external working group is engaged to determine if the chosen course of action meets the needs of the customers, the timing of the changes and to discuss any other issues. Once a course of action and dates are agreed with customers, the changes are scheduled to be made through coding and testing. If the changes are significant, the code for the changes will be placed in UAT for testing by the customers. The changes are also posted to the website in change management documents and updated specifications with change logs so that customers can determine any action needed on their part (build and/or testing). The website will also contain a timeline of when the changes will be entered into production. If needed, emails will also be used to alert customers to specific changes and the timing of the changes.

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Advence When Transaction Type is "amendment", "corporateaction", "novation trade", "trade" or RT message for
trovation", this field is Required. For Options when Transaction Type is "increase", "novation", this field is Optional. | |
| 12 Existing
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 | ES-PSA-CFD
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72 Éxi	xiating	Primary	901.c.4	Y		Dividend Swap; Forward; Option	The current number of baskets x Fised Strike Price	с					Dividend Swaps - When transaction type in Trade, Novelion-Trade, Amendment or CorporateAction this field is Conditional Research of Novelion and Research Inductor in an endotiering Chicage (Trade Action International
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													Forwards - When transaction type is Trade, Novation-Trade, Amendment or Cosponsta-Action this field is Conditional: Requested if Number of Sharens/Units in not consultate: Observation, Cotional, Toral other transactions this field is Net
		1	1	1		1			1		1	1 1	Applicable.
		1	1	1	Notional Amount	1		L			1	12345678.12	Jonante III. Consequences Chemican Municipality and Company Co
73 Éx	xiating	Primary	901.c.4	Y		Dividend Swap; Forward; Option	The currency of the Notional Amount	c Nu	ot 3		3-digit ISO currency code (ISO 4217)	12345676.12	Anclinable Dividend Swapa, Forwards and Options - This field is Required If Notional Amount is populated; Otherwise, Not
74 8-	·	Primary	201 - 4		Notional Amount Currency	Detice	Specifies the Number of Options in respect of a Option Transaction.	Te C	ot 3			usp	Andreada, na serie de la conserie de Conserie de la conserie de la
		Primary		1	Number of Options	Opean Dividend Swap	Specifies the Number of Shares in respect of a Dividend Swap Transaction.	Nu	meric 30	10		100	Ohereitas, Noi Acelicable.
75 Exe	xating		seri.c.4	ľ	Number of Shares/Baskets			u Nu	meric 30	10	I	100	
76 Éxi	xiating	Primary	901.c.4	Y	Number of Sharea/Units	Forward	Specifies the Number of Shares in respect of a Forward Transaction.		meric 30	10		100	CorporateAction; Otherwise, Not Applicable. Terreards: Conditional; Required when transaction type is Trade, Novation-Trade, Amendment or CorporateAction; Determine Net enclorable.
77 Exi	xiating	Primary	901.c.4	Y	Option Entitlement (Share)	Option	A multiplier which increases exposure of the underlyer	c	meric 20	10	1	10	Forward: Conditional: Reginded when transaction type in Trade, Novation-Trade, Amendment or CorporateAction; Otherwise, Not Appleable. Debugs: When transaction type in Termination or Execute this field in Not Applicable. For all other transactions this field
78 Ex	xiating	Primary	901.c.4	Y		CROSS-PRODUCT	Notional of Underlying Asset	ć			1	i v	is Conditional Declarational for a sindle name (share). Otherwise, Net Allowed, When transaction true is Novation, increases or Termination this field is Net Acolicable. For all other transactions it is
79 6-	·	Drimary	201 - 4		Underlying Asset Notional Underlying Asset Notional Currency	CROSS-PRODUCT	Conserve associated with the Underform Asset Notional	Nu C T-	americ 30	10	Tutel ISO comerci ante (ISO 4217)	123456.12	Cotoral. Conditional Remained when Underbinin Asset National is required at Artificialia.
80 Ex	xisting	Primary	901.c.4	Ŷ	and a second sec	CROSS-PRODUCT ES-PSA-CFD	Currency associated with the Underlying Asset Notional Units per underlier	c le	- ĭ		a man and an Alby Mole (1897 74.17)		Central Centra
		1	1	1	Underlying Asset Number of Units/Shares			No	meric 30	10	1	100	transactions it is Conditional, Required if Underlying Asset Notional and Deal Notional are not populated; Otherwise, Optional.
81 Ext	xiating	Primary	901.c.4	Y		Variance Swap	Size of the deal	c					Cobienal. <u>Variance Samp</u> : When transaction type in Novation, Increases or Termination this field in Nat Applicable. For all other immandiene it in Conditional, Required # Vega Notional Amount in not populated, Otherwise, Optional.
		L		1	Variance Amount		Notional of the deal (Variance Amount * 2 * Volatility Strike Price)	Nu	americ 30	10		12345.12	exemplates a la conserva e vege vedente Artourt la not populater; Uniternal, Uptional.
82 Exe	xating	Primary	seric.4	r –		Variance Swap	Nosona or me deal (Variance Amount * 2 * Volatility Strike Price)	۰ F					Variance Spage When transaction type in Novation, Increase or Termination this field in Nor Applicable. For all other transactions It in Conditional, Required when Variance Amount is not populated Dhereina, Optional.
83 Ev	visting	Drimary	901 c 4	v	Vega Notional Amount Vena National Comency	Variance Sean	The Dumency of Vers Notional Amount	Nu C Te	americ 30	10	3-digit ISO currency code (ISO 4217)	12345678.12	
54 Exi	xiating	Primary (Inte	er-901.c.5	Y	regaritational contency	CROSS-PRODUCT	The Currency of Vega Notional Amount Indication of registration status for Party 1.	R			and priced contently code (add 4217)	9850	Variance Seage: Conditional, Required If Vega Notional Amount is populated; Otherwise, Not Applicable. This field will also be used to identify the Inter-dealer status for Public Price Dissemina as per Role 201 (c) 5
		clealer),										MSBSP, non-	an per Rule 501 (c) 5
		(role)			Party 1 Role							anan	
ಹರ್	xiating	Primary (Inte	er- 901.c.5	Y	Paty 1 Ros	CROSS-PRODUCT	Indication of registration status for Party 2.	R	00 10			5850	This field will also be used to identify the Inter-dealer status for Public Price Disseminat
ΙĒ		dealer), Secondar	1	1		1		1	1		1	SBSD MSBSP, non-	This field will also be used to identify the Inter-dealer status for Public Price Disaeminal as per Rule 501 (c) 5
		(role)		1	Darty 2 Bris	1					1	88.87	
55 Ex	xiating	Primary	901.c.6; 901.d.6	Y	rang a room	CROSS-PRODUCT	Prefix of Clearing DCO	C Te			1	LEI LEI	Conditional: Required when "Clearing DCO Value" is populated with an LEI. Otherwise, Not Applicable.
		Primary (Intent to clear); Secondary (Clearing		1							1		
		Secondary		1		1					1		
		(Clearing)		1		1		1	1		1	1 1	
	- lating	nya ny rodita	901.c.6; 901.d.6		Clearing DCO Prefix	Cacer Bachurt	indication if the trade will be cleared, and where.	Te	ot 200			Select as LBL at Envertment your second	Padace and Universe Press. More increasing has in Marceline Transient Transienting or Barraise (I confinitely big
a/ Exa	xaang	Primary (Intent to clear); Secondary (Clearing	901.2.6; 901.8.6	T		CRUSS-PRODUCT	Indication if the trade we be cleaned, and where.	ĸ				'false' or LEI of F226TCH6YD5XJB17KS62 cleaner	Optore and Variance Swaps - When transaction type is Novation, Increase, Terminution or Exercise (If applicable) this field is Not Applicable. For all other transactions it is Optional.
		clear); Secondary											
		(Clearing											
		agency rame	94)		Clearing DCO Value			Te	ot 200				
55 Eur	xiating	Primary	901.c.7; 907.a.4 901.c.7;907.a.4	Y	Inter-Affiliate	CROSS-PRODUCT	Indicate whether the transaction is between two affiliated entities. Provides an indication that the transaction has one or more additional term(s) or provision(s) not indicated that materially affect(s) the price of the reportable swap	R 50	olean 0			true, false TRUE	
uy	All and a second se	rman	8015-1,801-84				provision(s) not indicated that materially affect(s) the price of the reportable swap	<u> </u>				100, 1000	
					Non Standard Flag		tarsadion.	Te	ot 5			TRUE	
90 Ner	ew	Primary	901.c.7;907.a.4	Y		CROSS-PRODUCT	Identifies characteristic or circumstance that makes the trade off-market.	O Te	ot 200	D		ClearingForced ClearingForcedTrade Trade, DefaultTranac	
												DefaultTransac	
												ton, PackageOrBes	
91 Ev	visting	Drimary	901.c.7; 907.a.4	Y	Pricing context Compressed Trade	CROSS/RODUCT	indication that the trade is as a next) of a companying event	9 Te	at 5			true, false TRUE	
92 Ext	xiating	Primary Secondary	901.d.1	N		CROSS-PRODUCT CROSS-PRODUCT	Indication that the trade is as a result of a compression event. Prefix for the ID in the Trade Party 1 Value field. This field will be used to validate the value provided in "Trade Party 1 Value".	R				Internal, LEI	Tesde Party 1 Role = "0550" or "MSDSP", then Taske Party 1 Prefix must be "LE1" DDR will require in its user guide that reporting parties or any francial entity provides to LE1 prefix encept where SEC to approvide on exemption. In which case, an "internal" restrict inclusion and encemption.
		1		1	Party 1 Prefix	I	the value provided in "Trade Party 1 Value"	Те	at 40		l	LEI	LEI prefix except where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
93 Exi	xiating	Secondary	901.d.1	N		CROSS-PRODUCT	The ID of Trade Party 1 associated to the Trade Party 1 Prefix.	R				7LTWFZYICN5X8D621K86	EPert / That's spycholic site VLCS (mode Pert) / Volume and to psycholic disks water (2015) (pipt check 20) and how the spycholic disk water (2015) (pipt check 20) and Perty / Volume (pipt v Volume (pipt check and perty Volume (pipt check and pe
	1.4	1	-		Party 1 Value			Te	ot 200	_			I Name must be recolled.
94 Exe	xating	Secondary	seri.d.1	ni		LRJSS-PRODUCT	Prefix for the ID in the Trade Party 2 Value field. This field will be used to validate the value provided in "Trade Party 2 Value"	R.			1	internal, LEI	
25	xiating	Secondary	901.4.1	N	Party 2 Profix	CROSS-PRODUCT	The ID of Trade Party 2 associated to the Trade Party 2 Party	Te R	ot 40	-		LEI 7LTWF7VICNEVNOV	If Party 2 Perfix is populated with "LET, then the Party 2 Value must be populated with a valid LET (divertised on a completion is acceptable
				T.	Party 2 Value		a competence of the competence		at 202		1		Phrty 2 Pwlic is populated with "LET, then the Pwry 2 Value must be populated with a weld LET (dgr) check 20 characters, P. Pwry 2 Pwlics is populated with Teterral", then the Pwry 2 Value (cleet assigned intermal ID) and Pwry 2 Name must be publish.
95 Ner	ew	Secondary	901.d.1	N		CROSS-PRODUCT	The Prefix for the ID in the "indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party 1	0 74	at 40		1	Internal, LEI	a name must be populated.
1 1		1	1	1	Indirect counterparty ID - Party 1 Prefix	1	will be used to validate the value provided in "Indirect counterparty ID - Party 1 Volum"	1	1		1	1 1	
97 Ner	ew	Secondary	901.d.1	N	indirect counterparty ID - Party 1 Value	CROSS-PRODUCT	Value" The ID of the Indirect Counterparty of Trade Party 1 Value	0 Te	od 200	D		B4TYDEB6GKMZ0031MB2	
95 Ne	ew	Secondary	901.d.1	N		CROSS-PRODUCT	The Prefix for the ID in the 'Indexet counterparty ID - Party 2 Value' field. This field will be used to validate the value provided in 'Indirect counterparty ID - Party 2	O Te	ot 40			Internal, LEI LEI	
					Indirect counterparty ID - Party 2 Prefix	<u> </u>	will be used to validate the value provided in "Indirect counterparty ID - Party 2 Value"						
22 Net	ew.	Secondary	901.d.1	N	Indirect counterparty ID - Party 2 Value	CROSS-PRODUCT	Value" The ID of the Indirect Counterparty of Trade Party 2 Value Legal Name of Party 1	o Te	od 200	0		7LTWFZYICNSX8D621K86	
101 Exis	xiating	Secondary	901.6.1	N	Name of Trade Party 2	CROSS-PRODUCT	Legal Name of Party 1 Legal Name of Party 2	с Те С Те	at 200	0		XYZ Firm	1 1
102 Exi	xiating	Secondary	901.d.2	N	Scoker Id Party 1 Prefix	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	Parks of the Booker for Trade Party 1 if applicable. Indicates the LEI of the Broker for Trade Party 1 if applicable.	C Te	ot 200	1.		LEI LEI	Conditional: Required when Broker ID Party 1 Value is provided Otherwise, Not Applicable.
103 Éxir	xiating	Secondary	901.8.2	N	Broker Id Party 1 Value			0 Te	at 200		LEI only acceptable value	S49300LRSNKYDM4Q4635	
104 Ext	xiating	Secondary	901.d.2	N	Broker Id Party 2 Prefix	CROSS-PRODUCT CROSS-PRODUCT	Prefix of the Broker for Trade Party 2 if applicable. Indicates the LEI of the Broker for Trade Party 2 if applicable.				LEI only acceptable value	LEI LEI 549300LRSNKYDM4O4635	Conditional: Required when Broker ID Party 2 Value is provided Otherwise, Not Applicable.
105 Éxe	xiating	Secondary	901.d.2	N	Scoker Id Party 2 Value	CROSS-PRODUCT		D Te	at 200 of 40 of 40		LEI only acceptable value	549300LRSNKYDM4Q4635	
105 Ext	xiating	Secondary	901.d.2	N		CROSS-PRODUCT	The client assigned identifier for the Deak ID of Trade Party 1. The client assigned identifier for the Deak ID of Trade Party 2. Prefix of the execution agent party 1 value if applicable.	o Te	ot 40	1		A128HJ	
			901.0.2	N	Desk ID Party 2	CROSS-PRODUCT CROSS-PRODUCT	rne crent assigned identifier for the Deak ID of Trade Party 2. Prefix of the execution agent party 1 value if applicable.			-		KUUBSIKS LEI LEI	Conditional: Required when Execution Agent ID Party 1 Value" field contains an LEI. Otherwise, Not Applicable: "LEI"
107 Exi.	xiating	Secondary Secondary		1	Execution Agent Party 1 Prefix	CROSS-PRODUCT	Prenx of the execution agent party 1 value if appeciate.		ot 200		LEI only acceptable value		Conditional requires when Execution Agent to Party 1 value risid contains an Let. Untervisia, Not Application. Let only acceptable value
107 Ex 108 Exi	xisting	Secondary Secondary	901.4.2		and the second se	CANDO-PRODUCT	LEI of execution agent. Prefix of the execution agent party 2 value if applicable.	~ те	ot 200	1	can only acceptable value	SHUDDLRSNKYDM404635	
107 Ex. 105 Exi 109 Exis	xiating	Secondary Secondary Secondary	901.d.2 901.d.2	N	Execution Agent Party 1 Value							LEI LEI	Conditional: Required when Execution Agent ID Party 2 Value" field contains an LEL Otherwise. Not Applicable. "LEL"
107 Ex 108 Exi 109 Exi 110 Exis	xiating xiating xiating	Secondary Secondary Secondary Secondary	401.4.2 401.4.2 401.4.2	N		CROSS-PRODUCT	Prefix of the execution agent party 2 value if applicable.	C Te	ot 200				ende serventable value
107 Ex 108 Exi 109 Exi 110 Exi 111 Exis	xiating xiating xiating xiating	Secondary Secondary Secondary	901.4.2 901.4.2 901.4.2 901.4.2	N N	Execution Agent Party 2 Prefix	CROSS-PRODUCT	LEI of execution agent.	С О те	at 200		LEI only acceptable value	549300LRSNKYDM4Q4635	orth acceptable value
107 Ex 108 Exi 109 Exi 110 Exi 111 Exi 111 Exi	xiating xiating xiating xiating ew	Secondary Secondary Secondary Secondary Secondary Secondary	901.4.2 901.4.2 901.4.2 901.4.2 901.4.2 901.4.2	N N N			Pretix of the execution agent party 2 value if applicable. LEI of execution agent. The location of the Branch for Trade Party 1	O Te	ot 200 ot 200 ot 40		2-dat ISO country code (ISO 3165-3) - 2-dat ISO Subdivision	549300LRSNKYDM4Q4635 US-NY-1	on's accessible value The number at the end of the string will identify the particular branch when there are The number at the end of the string will identify the particular branch when there are
107 Ex 108 Ex 109 Ex 110 Exi 111 Exis 112 New 113 New	aisting aisting aisting aisting aisting aisting aisting aisting	Secondary Secondary Secondary	201.4.2 201.4.2 201.4.2 201.4.2 201.4.2 201.4.2 201.4.2	N N N	Execution Agent Party 2 Prefix Execution Agent Party 2 Value Branch ID Location Party 1	CROSS-PRODUCT CROSS-PRODUCT	LEI of execution agent. The location of the Branch for Trade Party 1	O Te	ot 200		2-dat ISO country code (ISO 3165-3) - 2-dat ISO Subdivision	SHEDOLRSNKYDMHQHEDS US-NY-1 US-NY-2	anto accessibility salar.
107 Ex 108 Ex, 109 Exi 110 Exi 111 Exi 112 New 113 New	sisting sisting sisting sisting iew iew	Secondary Secondary Secondary Secondary		N N N	Execution Agent Party 2 Peelsc Execution Agent Party 2 Value Branch ID Location Party 1 branch ID Location Party 2	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	LEI of execution agent.	O Te	ot 200			548200URSNKYTDM4Q4635 US-NY-1 US-NY-2	und anastalik taka
107 Ex 108 Ex 109 Esi 110 Esi 111 Esi 112 New 113 New 114 Esi	xiating xiating xiating xiating iew iew xiating xiating	Secondary Secondary Secondary Secondary		N N N N N	Execution Agent Party 2 Prefix Execution Agent Party 2 Value Branch ID Location Party 1	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	El of execution agret. El of execution agret. The location of the Branch for Trade Party 1 The location of the Branch for Trade Party 2 D of the Trade for Party 1 D of the Trade for Davin 7	O Te	ot 200		2-dat ISO country code (ISO 3165-3) - 2-dat ISO Subdivision	543300LR5NKYDM4Q4635 US-NY-1 US-NY-2 ABC123 XY2455	All annuality solar The second at the word of the store and about your particular tracks where they are The sources of the word of the store and about your particular tracks where they are The sources of the word of the store and about your particular tends where they are the sources and the word of the store and about your particular tends where they are the sources and the sources and solid store boots.
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107 Ex 108 Ex 109 Es 110 Es 111 Es 112 Ne 113 Ne 114 Es 115 Es 116 Es 117 Es 118 Es	skating skating skating skating iew skating skating skating skating	Secondary Secondary Secondary Secondary		N N N N N N N N N	Describen Agent Party 2 Peels Execution Agent Party 2 Value Bennoti Di Losellion Party 1 Bennoti Di Losellion Party 2 Dadee D'Arty 1 Dadee D'Arty 2 Dage Peels	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	LET of execution agent. The location of the Branch for Tinda Party 1 The location of the Branch for Tinda Party 2 D of the Tindar for Party 1 D of the Tindar for Party 2 D of the Tindar for Party 2	0 Te 0 Te 0 Te 0 Te C Te R Te	od 200 od 40 od 40 od 40 od 40 od 40 od 40		 Jegi KD Stanty cole (EO 1663) - 2-digt KD Subdivision Adapt KD 1062-1 - antibit 2-digt KD Subdivision adapt KD Subdi	ABC123 X72455 Henral LEI B4TYDEB950K4270031M827 107, 30/360, 300/300, 200/300,	India backa za Ana composed ad Adriano Maria. Thuradar 2 Ana of An Aning and Ana aning a Adriano Maria. Maria a Ana aning a Adriano Maria a Adriano Maria a Adriano Maria. Maria backa a Ana aning a Adriano Maria. Adriano Maria a Adriano Maria. Adriano Maria a Adriano Maria.
107 Ex 108 Ex 110 Ex 111 Ex 112 Ne 114 Ex 115 Ex 116 Ex 117 Ex 118 Ex	stating stating stating www. stating stating stating stating stating	Secondary Secondary Secondary Secondary		N N N N N N N N	Describen Agent Party 2 Peels Execution Agent Party 2 Value Bennoti Di Losellion Party 1 Bennoti Di Losellion Party 2 Dadee D'Arty 1 Dadee D'Arty 2 Dage Peels	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	LET of execution agent. The location of the Branch for Tinda Party 1 The location of the Branch for Tinda Party 2 D of the Tindar for Party 1 D of the Tindar for Party 2 D of the Tindar for Party 2	0 Te 0 Te 0 Te 0 Te C Te R Te	od 200 od 40 od 40 od 40 od 40 od 40 od 40		 Jegi KD Stanty cole (EO 1663) - 2-digt KD Subdivision Adapt KD 1062-1 - antibit 2-digt KD Subdivision adapt KD Subdi	ABC123 XY2466 Hismal LEB UR AV2468 B41Y0E8805KM20031MB2 107, 30596, 305,250, 305,250, 305,250, AC1206, JAC AC1205,JAC AC1205,JAC AC1205,JAC	Indels Societa z No accio per da delativa los della No accio e zi no del no anno su della per data interesti della tenen el la sociata a la suoritza sociata della sociata a la suoritza sociata della sociata a la suoritza sociata della Bager sola most moto solari Todo Perg Vilao or Todo Perg Vilao.
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107 Ex 108 Ex 109 Ex 110 Ex 111 Ex 112 No 114 Ex 115 Ex 116 Ex 117 No 118 Ex 118 Ex	skating skating skating ear skating skating skating skating skating skating skating skating	Secondary Secondary Secondary Secondary		N N N N N N N N N N N N N N N N N N N	Texnonic Appell Pay 2 Meth Texnonic Appell Pay 2 Valia Texnoli Texnoli Pay 1 Texnoli Texnoli Pay 1 Texnoli Texnoli Pay 2 Texnoli Texnoli Pay 2 Texnoli Texnoli Texnoli Texnoli Pay 2 Texnoli Texnoli Texno	CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT CROSS-PRODUCT	LET of execution agent. The location of the Branch for Tinda Party 1 The location of the Branch for Tinda Party 2 D of the Tindar for Party 1 D of the Tindar for Party 2 D of the Tindar for Party 2	0 Te 0 Te 0 Te 0 Te C Te R Te	od 200 od 40 od 40 od 40 od 40 od 40 od 40		 Jegi KD Stanty cole (EO 1663) - 2-digt KD Subdivision Adapt KD 1062-1 - antibit 2-digt KD Subdivision adapt KD Subdi	48C122 XY2465 NETTAL ED 84TYDE86GMAZCO31M82 84TYDE86GMAZCO31M82 30E3043 30E3043 30E3043 4C1005704 4C1005704 ACTA07208 ACT	Indels Societa z No accio per da delativa los della No accio e zi no del no anno su della per data interesti della tenen el la sociata a la suoritza sociata della sociata a la suoritza sociata della sociata a la suoritza sociata della Bager sola most moto solari Todo Perg Vilao or Todo Perg Vilao.

Number	Existing/New	Category	SEC Bula	Public Dissemination	Pass Field	Product	Description Co	undition in	ate Tom 1	Precision S	-de Format	gala solu	Semple	Validation Rules	Tr
120	Existing	Sampday	901.d.3	N	Lists Piero	FRIPSLCED	Equity leg reset frequency C		uta type	Precision	20 70.00	M D W Y	затри	ES-PSA-CFD: When transaction type is Trade. Novation-Trade. Amendment. Increase. Termination or	- 10
		,												CorporateAction this field is Conditional; Not Allowed when Equity Leg Valuation Dates are populated; Otherwise,	
					Equity Leg Valuation Prequency Period			τ	ext				м	Optional when Allocation Indicator has a value of "PreAllocation"; Otherwise, Required. When transaction type is Increase or Termination this field is Onlinead for Newsition II is Not Analyze has	
121	Existing	Secondary	901.6.3	N	Equity Leg Valuation Frequency Period Multiplier	ES-PSA-CFD	Equity leg reset frequency multiplier C						-	Increase or Termination this field is Optional, for Novation II is Not Acolicable. <u>ES-PEA-CPD</u> Conditional; Required when Equity Leg Valuation Prequency Period is populated; Otherwise, Not	T
22	Existing	Secondary	901 d 3	N	Equity Leg valuation Prequency Pariod Multiplan	ES, PS4, CED	This is an at end of swap payment the buyer pays. C	N	umarc o				3	Applicable. ES-PSA-CFD: Conditional: Not Applicable when transaction type is Novation: Otherwise, Optional.	+
	county.	Decontainy	101.0.3			2070000								Construction of the second sec	
							If Fee Out specifies an amount in Basis Points to be paid by the non-equity payer.								
							Mainly used with AEJ MCAx)								
123					Fee Out	Dividend Swap	Prefix for the ID in the Fixed amount paver value field. C	N	ext .	30 1		Internal 1 Ft	1234.12	Conditional: required when Fixed Amount Paver Value is provided	+
123			901.d.3	N	Fixed Amount Payer Prefix	Dividend Swap	Press for the LD in the Fold amount payer value need. C This field specifies the Party that pays the food amount. C	T	eod 2	200		stoemist, LES		Conditional; required when Frasid Amount Payer Value is provided 7 <u>Dividend Swap</u> : Conditional; Not Applicable when transaction type is Novation, Increase or Termination; Otherwise,	+
124	county.	Decontainy	101.0.3			Crimble is Smap	The field specifies the Party that pays the food amount.						Den rocas anna	Required.	
125	Existing	Secondary	501 4 T		Fixed Amount Payer Value Fixed Amount Receiver Prefix	Dividend Swap	Prefix for the ID in the Fixed amount receiver value field. C	1	ext bos	200		Internal, LEI		This field must match to either Trade Party 1 or Trade Party 2 Conditional; required when Fixed Amount Receiver Value is provided	+
126	Existing	Secondary	901.4.3	N	PARA STRATE DECEMBER FIELD	Dividend Swap	This field specifies the Party that receives the fixed amount. C	-	804			Fibertal, CE		Consistence, reparate when in the Andreas reactive value is portional Divident Swap: Conditional: Not Applicable when transaction type is Novation. Increase or Termination: Otherwise.	+
		,			Fixed Amount Receiver Value									Required.	
127	Existing	Fernandar	201 d 3		Lifecycle Amount Paver Prefix	Dividend Swap	Prefix for the ID in the Lifecycle amount paver value field. C		ext in	200		Internal, LEI	161	This field must match either Party 1 or Party 2 Conditional: required when Lifecycle Amount Paver Value is provided	+
128	Existing	LifeCycle	901.6.3	N	Checking and the state of the s	CROSS-PRODUCT	The party paying the lifecycle payment amount.		804 4	100		indertail, CEA	B4TYDEB6GKMZ0031MB2	7 When transaction type is Amendment, Increase, Termination, CorporateAction or Exercise (if applicable) this field is	+
														Conditional, Required when the Lifecycle Payment Amount is populated; Otherwise, Not Applicable; For all other	
					Lifecycle Arrount Paver Value			T	ext 2	200				transactions this field is Not Applicable. This field must match to either Party 1 or Party 2	
129	Existing			N	Lifecycle Amount Receiver Prefix	CROSS-PRODUCT	Prefix for the ID in the Lifecycle amount receiver value field. C	T	eot	200		Internal, LEI		Conditional; required when Lifecycle Amount Receiver Value is provided	t
130	Existing	LifeCycle	901.d.3	N		CROSS-PRODUCT	The party paying the lifecycle payment amount. C						B4TYDEB6GKM20031MB2	7 When transaction type is Amendment, Increase, Termination, CorporateAction or Exercise (if applicable) this field is	T
				1										Conditional, Required when the Lifecycle Payment Amount is populated; Otherwise, Not Applicable; For all other transactions this field is Not Applicable. This field must match to either Party 1 or Party 2	1
					Lifecycle Amount Receiver Value			T	eot 200	200					
131	Existing	Secondary	901.6.3	N	Optional Early Termination Indicator	ES-PSA-CFD	Indicates if Early Termination is applicable on the transaction C		and a			true, fabie	TRUE	ES-PSA-CPD: Conditional; Not Applicable when transaction type is Novation, Increase or Termination; Otherwise,	
132	Existing	Secondary	901.4.3	N	Premium Payer Prefix	Structured Product	Prefix for the ID in the premium payer field.	T	ext	200		Internal, LEI	121	Optional. Conditional; required when premium payer Value is provided	+
133	Existing	Secondary	901.6.3	N	Premium Paver Value	Structured Product	The ID of the Premium Payer associated to the Premium Payer Prefix. C		ext 2				B4TYDEB6GKMZ0031MB3	7 Structured Products: Conditional; Optional when Premium Amount is populated; Otherwise, Not Applicable	T
174	Existing	Secondary	901.4.3	N	Underlying Asset Equity Amount Payer Prefix	ES-PSA-CFD	Prefix for the ID in the Underlying Asset Equity Amount Payer value field. C			200		Internal, LEI	151	Conditional: required when Underlying Asset Equity Amount Paver value is provided	+
135	Existing		901.6.3	N		ES-PSA-CFD	Paver of performance for an apacitic equity underlier C					indental, c.c.		7 ES-PSA-CFD: This field must match to either Trade Party 1 or Trade Party 2	+
					Underlying Asset Equity Amount Payer Value					200					
135	Existing	Secondary Secondary	901.d.3 901.d.3	N	Underlying Asset Equity Amount Receiver Prefix	ES-PSA-CFD ES-PSA-CFD	Prefix for the ID in the Underlying Asset Equity Amount Receiver value field. C Party that receives the performance the equity leg (per underlier) C	T	ext	200		Internal, LEI	LEI B4TYDEB6GKMZ0031MB2	Conditional; required when Underlying Asset Equity Amount Receiver value is provided 7 ES-PSA-CPD: This field must match to either Trade Party 1 or Trade Party 2	+
137	e xanng	Secondary	901.0.3	n	Underlying Asset Equity Amount Receiver Value			τ	ext 2	200					
35	Existing .		901.d.3	N	Underlying Asset Floating Amount Payer Prefix	ES-PSA-CFD	Prefix for the ID in the Underlying Asset Floating Amount Payer value field. C	T		200		Internal, LEI	LEI	Conditional; required when Underlying Asset Floating Amount Payer value is provided	T
139	Exiating	Secondary		N	Underlying Asset Floating Amount Payer Value	ES-PSA-CFD	Party that pays the funding leg C	t	ent	200				ES-PSA-CFD: This field must match to either Trade Party 1 or Trade Party 2	
40	Existing	Secondary	901.d.3	N	Underlying Asset Floating Amount Receiver Prefix	ES-PSA-CFD	Prefix for the ID in the Underlying Asset Floating Amount Receiver value field. C		ant 1	200		Internal, LEI	LEI	Conditional; required when Underlying Asset Floating Amount Receiver value is provided	
141	Existing	Secondary	901.d.3	N	Underlying Asset Floating Amount Receiver Value	ES-PSA-CFD	Party receiving the funding leg payment C	T	ent tes	200			7LTWFZYICNSX8D621K86	ES-PSA-CFD: This field must match to either Trade Party 1 or Trade Party 2	+
142	Existing	Secondary	901.8.4	N		CROSS-PRODUCT	The date of the agreement executed between the parties to the trade and intended C							Conditional; Not Applicable when Master Agreement Type has a value of "None" or it is blank; Otherwise, Optional.	T
					Master Arrentert Date		to govern all applicable Equity derivatives transactions between those parties.		labe 1	10	YYYY-MM-DD		2016-01-01		
143	Existing	Secondary	901.8.4	N		CROSS-PRODUCT	The type of the agreement executed between the parties to the trade and intended R					Free text or			T
					Master Agreement Type		to govern all applicable Equity derivatives transactions between those parties.		ext 3	75		"None"	None		
144	Existing	Secondary	901.d.4	N		CROSS-PRODUCT	The version of the agreement executed between the parties to the trade and C							Conditional; Not Applicable when Master Agreement Type has a value of "None" or it is blank; Otherwise, Optional.	T
					Master Agreement Version		Intended to govern all applicable Equity derivatives transactions between those	T	ext a	20			2002		
145	New	Secondary	901.d.4	N		CROSS-PRODUCT	The title of the collateral agreement O	T	eod	200			Credit Support Annex		+
145		Secondary			Collateral agreement title Collateral agreement date	CROSS/PRODUCT	The date of the collaboral exception (_	late	10	YYYY MM DD		Agreement 2016-01-01		+
140	New	Secondary	901.d.4	N	Losasara agreement date	CROSS-PRODUCT	The tile of other agreement O		100	200	TTTT-MM-CD		ISDA2007PartialLookthroug		+
		Decontainy	101.0.4							200			DepositoryReceiptSuppleme	rt.	
			901.4.4		Other agreement tide Other agreement date	CROSS/PRODUCT	The date of other agreement O				YYYY-MM-DD		2014-01-01		+
140	Eviation	Secondary	901.6.4	N	Coner agreement date	Oxidend Search FS-PSA-	The date of the MCA		1856	10	1111-444-0D		2014-01-01	Conditional; Required when MCA Type is populated; Otherwise, Not Applicable	+
						CDS;Forward; Option; Variance									
	Existing	Secondary	901.4.4		MCA Date	Swap	C The tree of MCA	þ	labo	10	YYYY-MM-DD	Please refer	2016-01-01	Not Applicable for Novation. Increase. Termination or Exercise (if applicable), for all other transactions it is Optional	_
150	cound	Secondary	901.0.4	n			The type of NCA					the Suppest		Not Approade for Novasion, increase, i emination or exercise (if approade), for as other transactions it is optional	
						Dividend Swsp; ES-PSA- CDS;Forward; Option; Variance						Values MCA			
					MCA Type	Swsp	c	τ	ext	75		Type tab	2004AmericanMCA		
151	Existing	Secondary	901.6.5	N	Futures Price Valuation	Option; Variance Swaps	Specifies if Futures Price Valuation is applicable to a transaction. C					true, false	TRUE	Options and Variance Swaps - This field is Optional when transaction type is Trade, Novation-Trade, Amendment or	T
183	Existing	Secondary	901.6.5			ES-PSA-CFD	Specifies if Futures Price Valuation is applicable to a transaction. C	T	eod :	5		true, fabre	1606	CorporateAction: Otherwise. Not Applicable. ES-PSA-CFD: Conditional; Not Applicable when transaction type is Novation, Increase or Termination; Otherwise,	+
rute.	erone d	Decontaily		~	Futures Price			Ŧ	ext 5	5			TRUE	Optional.	
153	New	Secondary	901.d.7	N		CROSS-PRODUCT	Indicates the type of clearing exception invoked on the transaction. O	1	tos	40		Enduserexe	npt Endusereasmption		
												ion, Attinteener	nti		
					Clearing Exception Type							70			_
154	Existing	Secondary	901.4.7	N	Clearing exception party prefix	CROSS-PRODUCT	Prefix for the Clearing Exception Party Value C	τ	ext	20 0		Internal, LEI	SHUDURSINK TUNHUHG3S		
155	Existing	Secondary	901.d.7	N	Clearing Exception Party Value	CROSS-PRODUCT	LEI of the Cleaning Exception Party for end-user cleaning exceptions. C						549300LRSNKYDM4Q4635	Conditional, Required # Clearing Exception Party Prefix is submitted. Otherwise, not allowed.	T
198	Existing	Secondary	901.6.8	N		CROSS-PRODUCT	The currency of settlement. O	-	602	200	3-diat ISO cumency code (ISO 4217)		-	Conditional; Not Applicable when transaction type is Novation, Increase, Termination or Exercise (if applicable).	+
				<i>a</i>	Settlement Currency			τ	ext	3	anager rate currently code (ISU 4217)		USD	Otherwise, Optional.	1
157	Existing	Secondary	901.d.8	N		CROSS-PRODUCT	The settlement terms which apply to the transaction. C	T				Cash, Physic Cash/Physic	196, 1		T
	1	1				1						Cash/Physic Election		Conditional; Not Applicable when transaction type is Novation, Increase, Termination or Exercise (if applicable).	1
	1				Settement Method			T	ext	15			Cash	Otherwise, Optional.	+
			901.d.8	N		Option	For a Cash-settled Option, specifies the Settlement Type for purposes of C determining the Option Cash Settlement Amount in respect of a Option Transaction.					Vanilla, Correctite.	1	Option: When transaction type is Novation, Increase, Termination or Exercise this field is Not Applicable. For all other transactions it is Conditional, Not Applicable when Settlement Price Default Election is 'Hedge Execution'; Otherwise,	1
158	Existing	Secondary					For a Physically-settled Option this field is not applicable and will not be displayed.0				1	CrossCurrer	. 1	consistence of the second of the Approximate enter personners in the person person in 16036 Execution (OtherWise,	1
58	Existing	Secondary												Optional.	
58	Existing	secondary			Fordinance Trans		For a Physically-setted Option this held is not appecable and will not be displayed o			10		, Quanto	cy Marilla	Optonal.	
	Existing		201.4.9	N	Settement Type Execution Venue	CROSS-PRODUCT	For a intracting setting of the metric of approximation of the metric of the setting of the sett	T	ext 2	20	LEI only acceptable value		Varilla		Ļ
•		Secondary		N		CROSS-PRODUCT CROSS-PRODUCT			ext a	20	LEI only acceptable value		Vanila 5493003IUYOH354SN558		÷
3	Existing	Secondary		N N	Execution Venue		The exchange or execution facility on which the trade was executed. O The print for the execution versus Destinates the chance in deal inclosed between the previously custandino and C			20 200 20	LEI orly acceptable value		Varilla		-
3	Existing	Secondary	901.d.9	N N N	Execution Venue	CROSS-PRODUCT	The exchange or execution facility on which the trade was executed. O The prefix for the execution verses O			20 200 20	LEI only acceptable value		Varilla	CS_PS4_CFD - The field is Optional when transaction type is Novation, increase or Terretriators, Oberenise, Not Applicable.	+
158 159 160 161	Existing	Secondary	901.d.9	N N N	Execution Venue	CROSS-PRODUCT	The exchange or execution facility on which the trade was executed. O The print for the execution versus Destinates the chance in deal inclosed between the previously custandino and C			20 200 200 200 200 200 200 200 200 200	LEI only acceptable value		Varilla		+

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or 'Basket'. RC, SEDOL, (SN, Valoren, CUSIP, Bioornberg, SingleOther (genetic name for any Single Reference underlying), Basket (firm specific multi component

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The currency related to the Lifecycle Change in Deal Notional

e underlying asset to be modified on a lifecycle event

me of the undervier code (15IN, Bloomberg)

dicates when the trade is part of a multi-trans

Identifies the change in notional between the pro outstanding Vega Amount.

Identifies the change in notional between outstanding Vega Notional

currency related to the Lifecy sited

compression\ The date and time of execution of the post trade transaction. Identifies the change in Number of Options between the previ

Identifies the change in Number of Options between the provide uncertainty cardination national identifies the change in Number of Sharevillawikes between addituding and channels national to national and caractly catalanding reactions. The same has and caractly catalanding reactional to have been has been the same of the same of the same to have been nationally and caractly catalanding reactional.

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d Swap; Forward; Optio

PSA-CFD; Structured Produ

S-PSA-CFD: Structured Produ

CROSS-PRODUCT Option

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de Change in Notional Amount

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Lifecycle Change in Notional Amount Currency

de Underlying Asset Identifier Type

ycle Change in Number of Shares/Basket

yde Change in Number of Units/Shares

ecycle Change in Variance Amount

fecycle Change in Vega Notional

Lifecycle Change in Vega Notional Currency

cycle Change in Underlying Asset Number of Units/Share

Lifecycle Change in Number of Options

Event Processing ID Execution Timestamp

Lifecycle Change in Deal Notional Amount Currency de Change in Deal Units

Equities Matrix

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Existing LifeCycle 901.e.1

LifeCycle

Narrative

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Buculard Products - This Held is Optimal when transaction by an Movarian, horeases, Termination or Emarcise, Diversity & Anderscheiden - This Held is Optional when transaction type is Novarian, horeases or Emarcise, Diversity - Department - The State - Department - Department - Department - Department Diversity - Department - Department - Department - Department - Department - Department Movement - Department - Depart

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Anolicate <u>Variance Sear</u>: When transaction type in Novation, Increases or Termination this field is Conditional, Required when Liberycle Change in Variance Amount is not populated; Otherwise, Optional, For all other transactions this field is Not

Accimate. <u>Variance Seaso</u>: Conditional: Optional when transaction type is Amendment, Novation, Increase, Termination, CorporateAction or Exercise (I applicable); Otherwise, Not Applicable.

N N	Number	Existing/New C	Category	SEC Rule	Public Dissemination	Data Field	Product	Description	Conditio	Data Type	Precision IS	cale Format	Valid Values	Sample	Validation Rules	Narrative
No No<	177	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	Describes the event type of the record being submitted.	c					Termination		
No No<													values:			
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N N	1					Lifecycle Event		1		Text	50					
Desc Desc <thdesc< th=""> Desc Desc <th< td=""><td>178</td><td>Existing Li</td><td>LifeCycle</td><td>901.e.1.i</td><td>N</td><td></td><td>CROSS-PRODUCT</td><td>Payment by one of the parties for the right to transact this event.</td><td>с</td><td></td><td></td><td>-</td><td></td><td>12345.12</td><td>Conditional; Optional when transaction type is Amendment, Increase, Termination, CorporateAction or Exercise (If</td><td>1</td></th<></thdesc<>	178	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	Payment by one of the parties for the right to transact this event.	с			-		12345.12	Conditional; Optional when transaction type is Amendment, Increase, Termination, CorporateAction or Exercise (If	1
N N	179	Eviation	feCoria	901 e 1 i	N	uneryce wymen Amount Iderarie Diament Amount Comency	CROSS/REODUCT	The currency related in the Lifecorde Develop Amount	le l	reumeric Text	30 1	u Sutinii ISO cumencu code (ISO 4217)	+	ikh	applicable); Otherwise, Not Applicable. Conditional: Remained when Lifecorie Desment Amount is nonulated: Otherwise. Not Arethrothy.	
No. No. <td>180</td> <td>Existing Li</td> <td>LifeCycle</td> <td>901.e.1.i</td> <td>N I</td> <td>Lifecycle Payment Date</td> <td>CROSS_PRODUCT</td> <td>The payment date for the Mecycle event</td> <td>С</td> <td>Date</td> <td>10</td> <td>YYYY-MM-DD</td> <td>1</td> <td>2016-01-01</td> <td>Conditional; Required when the Lifecycle Payment Amount is populated; Otherwise, Not Applicable.</td> <td></td>	180	Existing Li	LifeCycle	901.e.1.i	N I	Lifecycle Payment Date	CROSS_PRODUCT	The payment date for the Mecycle event	С	Date	10	YYYY-MM-DD	1	2016-01-01	Conditional; Required when the Lifecycle Payment Amount is populated; Otherwise, Not Applicable.	
Here Here <t< td=""><td>181</td><td>Existing Li</td><td>LifeCycle</td><td>901.e.1.i</td><td>N I</td><td>Lifecycle Transaction Date</td><td>CROSS-PRODUCT</td><td>The execution date of the lifecycle event</td><td>С</td><td>Date</td><td>10</td><td>YYYY-MM-DD</td><td></td><td></td><td>Conditional; Not Applicable when transaction type is Trade or Novation-Trade; Otherwise, Required.</td><td></td></t<>	181	Existing Li	LifeCycle	901.e.1.i	N I	Lifecycle Transaction Date	CROSS-PRODUCT	The execution date of the lifecycle event	С	Date	10	YYYY-MM-DD			Conditional; Not Applicable when transaction type is Trade or Novation-Trade; Otherwise, Required.	
N N	182			901.e.1.i	N	Lifecycle Underlying Asset Equity Amount Payer Prefix			c	Text	200		Internal, LET	LEI		
N N	183	Existing Li	LifeCycle	901.e.1.i	N		ES-PSA-CFD	Payer of performance for an specific equity underlier	c		100	1	1	B4TYDEB6GKMZ0031MB27	This field must match either Party 1 or Party 2	1
No. No. <td>184</td> <td>Existing Li</td> <td>LifeCycle</td> <td>901.e.1.i</td> <td>N</td> <td></td> <td>ES-PSA-CFD</td> <td>Prefix for the ID in the Lifecycle Underlying Asset Equity Amount Receiver value</td> <td></td> <td></td> <td></td> <td></td> <td>Internal, LEI</td> <td>LEI</td> <td>C; required when Lifecycle Underlying Asset Equity Amount Receiver value is provided</td> <td>1</td>	184	Existing Li	LifeCycle	901.e.1.i	N		ES-PSA-CFD	Prefix for the ID in the Lifecycle Underlying Asset Equity Amount Receiver value					Internal, LEI	LEI	C; required when Lifecycle Underlying Asset Equity Amount Receiver value is provided	1
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No. No. <td>165</td> <td></td> <td></td> <td></td> <td>n</td> <td>Lifecycle Underlying Asset Equity Amount Receiver Value</td> <td></td> <td></td> <td>C.</td> <td>Text</td> <td>200</td> <td></td> <td></td> <td>BeituEBSGKMZO031MB27</td> <td></td> <td>l</td>	165				n	Lifecycle Underlying Asset Equity Amount Receiver Value			C.	Text	200			BeituEBSGKMZO031MB27		l
No. No. <td>185</td> <td>Existing Li</td> <td>LifeCycle</td> <td>901.e.1.i</td> <td>N</td> <td></td> <td>ES-PSA-CFD</td> <td>This field represents the price per share/unit of that were increase or decreased due to this event. On Enable Sean (and) ISSA (and) or CED (and)</td> <td>с</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td>ES-PSA-CFD: When transaction type is Novation, Increase or Termination this field is Conditional, Not Allowed when Uncrucia Linderheim Assat Initial Price Election is recruitated: Otherwise, Onlineal, For all other increases this field in</td> <td></td>	185	Existing Li	LifeCycle	901.e.1.i	N		ES-PSA-CFD	This field represents the price per share/unit of that were increase or decreased due to this event. On Enable Sean (and) ISSA (and) or CED (and)	с				1		ES-PSA-CFD: When transaction type is Novation, Increase or Termination this field is Conditional, Not Allowed when Uncrucia Linderheim Assat Initial Price Election is recruitated: Otherwise, Onlineal, For all other increases this field in	
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No. No. <td>187</td> <td>Existing</td> <td>lifeCycle</td> <td>901.e.1.i</td> <td></td> <td></td> <td>ES-PSA-CFD</td> <td></td> <td>c</td> <td>numeric</td> <td>30 1</td> <td>3-dat ISO currency code (ISO 4217)</td> <td>+</td> <td></td> <td>ES-PSA-CFD: Conditional. Required when Lifecycle Underlying Asset Initial Price is populated: Otherwise. Not</td> <td></td>	187	Existing	lifeCycle	901.e.1.i			ES-PSA-CFD		c	numeric	30 1	3-dat ISO currency code (ISO 4217)	+		ES-PSA-CFD: Conditional. Required when Lifecycle Underlying Asset Initial Price is populated: Otherwise. Not	
N N				891 - 1		Lifecycle Underlying Asset Initial Price Currency			E I	Text	3		Mades From 1	1234.12	Applicable.	
N N	105	Example 1	LINUCYCH	11.40104	~		ES-PSA-CPD	Nethod to identify the Linecycle Underlying Asset Initial Price	C I				neogenxecuto		ES-PSA-CPU: when transaction type is Novation, increase or Termination this teld is Conditional, Not Allowed when Lifecycle Underlying Asset Initial Price is populated; Otherwise, Optional. For all other transactions this field is Not	
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Image Image <t< td=""><td></td><td></td><td></td><td></td><td><u> </u></td><td>Lifecycle Underlying Asset Initial Price Election</td><td></td><td></td><td></td><td>Text</td><td>40</td><td></td><td>TWAP, Close</td><td>HedgeExecution</td><td></td><td></td></t<>					<u> </u>	Lifecycle Underlying Asset Initial Price Election				Text	40		TWAP, Close	HedgeExecution		
Image: A market in the second seco	189	Existing S	Secondary	901.e.1.i	N I	Party 1 Event ID		A value provided by the user representing the lifecycle event for party 1.	c	Text	40				Conditional: Not Applicable when transaction type is Trade or Novation-Trade; Otherwise, Required.	
N N	191	Existing 11	LifeCycle	901.e.1.i	N	- my 2 5 mm 10	CROSS-PRODUCT	In verse providences by the user representing the interpret event for party 2. Indicates the prior transaction ID of a swap resulting from an allocation termination.	ŏ	- Der	τυ		200			
No. No. <td>17 </td> <td></td> <td></td> <td></td> <td>1</td> <td>Prior LITI</td> <td></td> <td>novation, assignment, compression or clearing.</td> <td>T I</td> <td>Text</td> <td>200</td> <td></td> <td>alphanumeric</td> <td></td> <td></td> <td></td>	17				1	Prior LITI		novation, assignment, compression or clearing.	T I	Text	200		alphanumeric			
N No.	192	Existing G			N			Used to order modification of the same messages	с	DateTime	20	YYYY-MM-DDTHH-MM-SSZ (UTC format)	azing	2012-04-10T15:24:42Z	Conditional; Required when measage type is PET, Confirm or PET-Confirm; Otherwise, Not Applicable.	1
N No.	193	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	The Prefix for the ID value submitted in Remaining Party Value.			**		Internal, LEI		Conditional; Required when transaction type is Novation-Trade or Novation. For all other transactions it is Not	1
N N	194	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	The ID for the Remaining Party. This field represents the remaining party of a			TU .		+	54930031UYOH3545N558	Applicable. Conditional: Required when Remaining Party Prefix is populated: Otherwise: Not Applicable. Remaining Party must	
Image: series Image: s		a de la companya de l	078		-	Remaining Party Value		novated or assigned inde.		Text	200		Trade		match either Trade Party 1 or Trade Party 2	
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No. No. <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td>1</td> <td>1</td> <td> I</td> <td></td> <td>Novation,</td> <td></td> <td></td> <td></td>								1	1	1	I		Novation,			
No. No. <td></td> <td>Termination.</td> <td></td> <td></td> <td></td>													Termination.			
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VI VIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	195	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	The Prefix for the ID value submitted in 'Transferee value'.	с		100	1	Internal, LEI		Conditional; Required when transaction type is Novation-Trade. For all other transactions it is Not Applicable.	1
No. No. <td>197</td> <td>Existing Li</td> <td>LifeCycle</td> <td>901.e.1.i</td> <td>N</td> <td></td> <td>CROSS-PRODUCT</td> <td>The ID of the Transferee. This field represents the Trade Party that steps into an</td> <td>с</td> <td>read a</td> <td></td> <td></td> <td>1</td> <td>5493003IUYOH3545N558</td> <td>Conditional; Required when Transferee (EE) Prefix is populated; Otherwise, Not Applicable. Transferee must match</td> <td>1</td>	197	Existing Li	LifeCycle	901.e.1.i	N		CROSS-PRODUCT	The ID of the Transferee. This field represents the Trade Party that steps into an	с	read a			1	5493003IUYOH3545N558	Conditional; Required when Transferee (EE) Prefix is populated; Otherwise, Not Applicable. Transferee must match	1
No. No. <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>CROOP BRODUCT</td> <td>existing trade as a result of a novation or assignment.</td> <td>6</td> <td>Text</td> <td>200</td> <td></td> <td>Internal L B</td> <td></td> <td></td> <td></td>					-		CROOP BRODUCT	existing trade as a result of a novation or assignment.	6	Text	200		Internal L B			
Norm Norm <th< td=""><td>199</td><td>Existing Li</td><td>LifeCycle</td><td>901.e.1.i</td><td>N</td><td>transmission (party) in 1888</td><td>CROSS-PRODUCT</td><td>The ID of the Transferor. This field represents the Trade Party that has assigned or</td><td>č</td><td>read a</td><td></td><td></td><td>esensi, LEI</td><td>5493003IUYOH3545N558</td><td>Conditional; Required when Transferor (OR) Prefix is populated; Otherwise, Not Applicable. Transferor must match</td><td>1</td></th<>	199	Existing Li	LifeCycle	901.e.1.i	N	transmission (party) in 1888	CROSS-PRODUCT	The ID of the Transferor. This field represents the Trade Party that has assigned or	č	read a			esensi, LEI	5493003IUYOH3545N558	Conditional; Required when Transferor (OR) Prefix is populated; Otherwise, Not Applicable. Transferor must match	1
Norm Norm <th< td=""><td>17 [</td><td></td><td></td><td></td><td></td><td>Transferre (CB) Value</td><td></td><td></td><td>Ľ I</td><td>Text</td><td>200</td><td></td><td>1</td><td></td><td>either Trade Party 1 or Trade Party 2</td><td></td></th<>	17 [Transferre (CB) Value			Ľ I	Text	200		1		either Trade Party 1 or Trade Party 2	
R1 R2 R3 R3 <thr3< th=""> R3 R3 R3<!--</td--><td>200</td><td>Existing S</td><td>Secondary</td><td>901.g; 901.d.10; 901.e.2</td><td>N</td><td>UTI</td><td>CROSS-PRODUCT</td><td>race. Unique transaction Identifier assigned to a swap.</td><td>R</td><td>Text</td><td>200</td><td>200 alphanumeric string</td><td>1</td><td>ANC03032814582568647972</td><td></td><td></td></thr3<>	200	Existing S	Secondary	901.g; 901.d.10; 901.e.2	N	UTI	CROSS-PRODUCT	race. Unique transaction Identifier assigned to a swap.	R	Text	200	200 alphanumeric string	1	ANC03032814582568647972		
Ray Ray <td>201</td> <td>Existing G</td> <td>GTR</td> <td>902.c.7</td> <td>N</td> <td></td> <td>CROSS-PRODUCT</td> <td>An indication that the awap is a post-allocation or a pre-allocation awap.</td> <td>0</td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td>	201	Existing G	GTR	902.c.7	N		CROSS-PRODUCT	An indication that the awap is a post-allocation or a pre-allocation awap.	0		1					
No. No. <td></td> <td></td> <td></td> <td></td> <td></td> <td>Allocation Indicator</td> <td></td> <td></td> <td></td> <td>Text</td> <td>20 0</td> <td></td> <td>PostAllocation</td> <td>PreAllocation</td> <td></td> <td>l</td>						Allocation Indicator				Text	20 0		PostAllocation	PreAllocation		l
Image: Section Sectin Section Sectin Section Section Section Section Section Section Se	202	Existing G	GTR	13n-5(b)(1)(ii)	N		CROSS-PRODUCT	Indicates if the PET or Confirmation submission is a paper document or an	R	l			Electronic,			
No. No. <td>1 </td> <td></td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td>confirmation (i.e. internal trade).</td> <td></td> <td></td> <td></td> <td></td> <td>NotConfirmed,</td> <td></td> <td></td> <td></td>	1							confirmation (i.e. internal trade).					NotConfirmed,			
DA Mode No N									1	1	I		NonConfirmed			
DA Mode No N	1				1	Confirmation Trans		1		Terrat	10		1	Destaurie		
N N	203	Existing 45	GTR	13n-5(b)(1)(ii)	N		CROSS-PRODUCT	Prefix for the value provided in the "Data Submitter value".	R	Text	40		+			
No. No. <td>204</td> <td>Existing G</td> <td>GTR</td> <td>13n-5(b)(1)(ii)</td> <td>N</td> <td></td> <td>CROSS-PRODUCT</td> <td>The LEI for the Submitter.</td> <td>12</td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td>	204	Existing G	GTR	13n-5(b)(1)(ii)	N		CROSS-PRODUCT	The LEI for the Submitter.	12				1			
No. No. <td>205</td> <td>Eviation</td> <td></td> <td></td> <td>1.</td> <td>Jass Submitter Value</td> <td>CROSS/PRODUCT</td> <td>Dis is a DECC control field, which describes the action to be period to the tends</td> <td></td> <td></td> <td>200</td> <td></td> <td>New / Meditor /</td> <td></td> <td></td> <td></td>	205	Eviation			1.	Jass Submitter Value	CROSS/PRODUCT	Dis is a DECC control field, which describes the action to be period to the tends			200		New / Meditor /			
Normal Normal <td>L I</td> <td></td> <td></td> <td></td> <td></td> <td>Action</td> <td></td> <td></td> <td>Ľ</td> <td>Text</td> <td>10</td> <td></td> <td>Cancel</td> <td>New</td> <td></td> <td></td>	L I					Action			Ľ	Text	10		Cancel	New		
Image: Proper temperature Proper temperature Proper temperature Proper temperature Properature	364				~	As of Date/Time		targadion.	C.		20	YYYY-MM-DDTHH+MM-SSZ (UTC format)		2012-04-10T15-24-42Z	roquirea when message type is Snapshot; Otherwise, Not Applicable.	This field is used by the SBSDR for sequencing to build the current state of the transactio record.
Bit Orig Diff	207	Existing G			N			This field allows a client to submit their own message ID for internal purposes.	0	Text	256			12345648C854		
Image: Section of the section of t	205		GTR	DDR required	N		CROSS-PRODUCT	This field will describe the type of TR message being submitted (Confirmation, PET,	R	- 1			RT, PET,			
N No. No. No. State No	1				1			Realtime, Snapshot etc.).					Confirm,			
N No. No. No. State No	1				1 1				1 1			1	Confirm,			
$ \begin{bmatrix} 1 \\ 1 \\ 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1 \\ 1 \end{bmatrix} \end{bmatrix} \begin{bmatrix} 1 \\ 1 \\ 1 \end{bmatrix} \begin{bmatrix} 1$	209	Existing	GTR	DDB remined	N I	Message Type	CROSS/PRODUCT	This field identifies the resolutor the schwitter has revuested the monomer to cont	c	Text	20 0		Verification REC	PET	Either Benortion Oblination 1 or Benortion Oblination 2 ment be nonedated	"REC*" is to support where REC provides on assemblion to the user for modulor
Image: Section Sectin Sectin Section Section Section Section Section Section Section					T I		and an Y Phylophy I	 In the second of /li>	Ĩ.						anne reference and an enderse of conductors a core on behaviors	counterparty information for historical trades. Federal Register page 145225: "the
λ_{1} λ_{2}								1	1	1	I		1			Commission will consider requests for exemptions from the requirement under Rule 901() report the identity of a counterparty with respect to historical security-based awares."
Image: Section of the secting of the secting of the sectin						Party 1 Reporting Obligation				Text	100		050	SEC		report the identity of a counserpany with respect to historical security-dased swaps. "SEC" is to support where SEC provides an exemption to the user for masking
Image: Section of the section of t	210	existing G	uiR.	LILIK required	~		LINUSS-PRODUCT	I rea new specifies the regulator the submitter has requested the message be sent. In.	c		I		SEC	1	carer reporting upligation 1 or Reporting Obligation 2 must be populated	mentaments information for historical trades. Earland Banister name 1,85275 The
Int Int <td> </td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td> <td>Commission will consider requests for exemptions from the requirement under Rule 501() report the identity of a counterparty with respect to historical security-based awsps."</td>					1			1					1			Commission will consider requests for exemptions from the requirement under Rule 501() report the identity of a counterparty with respect to historical security-based awsps."
Image: Section of the section of t						Party 2 Reporting Obligation				Text	100			SEC		report the identity or a counterparty with respect to historical security-based sweps."
10 Ref No	211	Existing G	GTR	DDR required	N		CROSS-PRODUCT	Used for routing messages to DTCC's GTR data centers.	0	Т	Т		DTCCGTR, DTCCUS			
OI OI OF OF Strand No Other Strand Other Strand No No Strand StrandStrand<	1				1 1				1 1		.	1				
Data Data Description Description <thdescription< th=""> Descripion <thdescriptio< td=""><td>212</td><td>Existing G</td><td>GTR</td><td>DDR required</td><td>N</td><td>Senators Submitted For Dealer</td><td>CROSS-PRODUCT</td><td>The Prefix for the Submitted for Value</td><td>R</td><td>Text</td><td>40</td><td></td><td>CSG</td><td>161</td><td></td><td></td></thdescriptio<></thdescription<>	212	Existing G	GTR	DDR required	N	Senators Submitted For Dealer	CROSS-PRODUCT	The Prefix for the Submitted for Value	R	Text	40		CSG	161		
Advance has been experience of the second and the s	213	Existing G	GTR	DDR required	N	Submitted For Value	CROSS-PRODUCT		R	Text	200		1	7LTWFZYICN5X8D621K86		1
asset apec version number and the asset class specific version number. A blank	214	Existing G	GTR	DDR required	N		CROSS-PRODUCT	An indication of the version of the message specification(s) under which this	0	l			Valid value is			
								asset spec version number and the asset class specific version number. A blank			_		CH4.0EQ3.0			1
review make a serie control of the series co						Version		value will default to the version CA3.0EQ2.0	1	Text	20		I	CA4.0EQ3.0		1

Equities Matrix

GTR Product ID Value	Base Product	Sub Product	Transaction type
Equity:Swap:PriceReturnBasicPerformance:SingleName	Swap	Price Return Basic Performance	Single Name
Equity:Swap:PriceReturnBasicPerformance:SingleIndex	Swap	Price Return Basic Performance	Single Index
Equity:Swap:PriceReturnBasicPerformance:Basket	Swap	Price Return Basic Performance	Basket
Equity:Swap:ParameterReturnDividend:SingleName	Swap	Parameter Return Dividend	Single Name
Equity:Swap:ParameterReturnDividend:SingleIndex	Swap	Parameter Return Dividend	Single Index
Equity:Swap:ParameterReturnDividend:Basket	Swap	Parameter Return Dividend	Basket
Equity:Swap:ParameterReturnVariance:SingleName	Swap	Parameter Return Variance	Single Name
Equity:Swap:ParameterReturnVariance:SingleIndex	Swap	Parameter Return Variance	Single Index
Equity:Swap:ParameterReturnVariance:Basket	Swap	Parameter Return Variance	Basket
Equity:Swap:ParameterReturnVolatility:SingleName	Swap	Parameter Return Volatility	Single Name
Equity:Swap:ParameterReturnVolatility:SingleIndex	Swap	Parameter Return Volatility	Single Index
Equity:Swap:ParameterReturnVolatility:Basket	Swap	Parameter Return Volatility	Basket
Equity:PortfolioSwap:PriceReturnBasicPerformance:SingleName	Portfolio Swap	Price Return Basic Performance	Single Name
Equity:PortfolioSwap:PriceReturnBasicPerformance:SingleIndex	Portfolio Swap	Price Return Basic Performance	Single Index
Equity:PortfolioSwap:PriceReturnBasicPerformance:Basket	Portfolio Swap	Price Return Basic Performance	Basket
quity:ContractForDifference:PriceReturnBasicPerformance:SingleName	Contract For Difference	Price Return Basic Performance	Single Name
Equity:ContractForDifference:PriceReturnBasicPerformance:SingleIndex	Contract For Difference	Price Return Basic Performance	Single Index
Equity:ContractForDifference:PriceReturnBasicPerformance:Basket	Contract For Difference	Price Return Basic Performance	Basket
Equity:Option:PriceReturnBasicPerformance:SingleName	Option	Price Return Basic Performance	Single Name
Equity:Option:PriceReturnBasicPerformance:SingleIndex	Option	Price Return Basic Performance	Single Index
Equity:Option:PriceReturnBasicPerformance:Basket	Option	Price Return Basic Performance	Basket
Equity:Option:ParameterReturnDividend:SingleName	Option	Parameter Return Dividend	Single Name
quity:Option:ParameterReturnDividend:SingleIndex	Option	Parameter Return Dividend	Single Index
Equity:Option:ParameterReturnDividend:Basket	Option	Parameter Return Dividend	Basket
Equity:Option:ParameterReturnVariance:SingleName	Option	Parameter Return Variance	Single Name
Equity:Option:ParameterReturnVariance:SingleIndex	Option	Parameter Return Variance	Single Index
Equity:Option:ParameterReturnVariance:Basket	Option	Parameter Return Variance	Basket
Equity:Option:ParameterReturnVolatility:SingleName	Option	Parameter Return Volatility	Single Name
Equity:Option:ParameterReturnVolatility:SingleIndex	Option	Parameter Return Volatility	Single Index
quity:Option:ParameterReturnVolatility:Basket	Option	Parameter Return Volatility	Basket
quity:Forward:PriceReturnBasicPerformance:SingleName	Forward	Price Return Basic Performance	Single Name
Equity:Forward:PriceReturnBasicPerformance:SingleIndex	Forward	Price Return Basic Performance	Single Index
Equity:Forward:PriceReturnBasicPerformance:Basket	Forward	Price Return Basic Performance	Basket
Equity:Other	Other		

Price Return Basic Performance Sub-product includes instruments such as vanilla options, 1-Delta, EFS, TRS etc.

The Other Sub-product includes structured and exotic

Suggested	Master Confirmation Agreement (MCA) Values
Product	Master Confirmation Type
Equity Option	2004EquityEuropeanInterdealer'
Equity Option	EquityAmericas'
Equity Option'	EquityAsia'
Equity Option	EquityEuropean'
Equity Option	EquityOptionAEJPrivate'
Equity Option	EquityOptionAmericasPrivate'
Equity Option	'EquityOptionEMEAPrivate'
Equity Option	'EquityOptionEuropePrivate'
Equity Option	'EquityOptionGlobalPrivate'
Equity Option	'EquityOptionPanAsiaPrivate'
Equity Option	GlobalMCA'
Equity Option	ISDA2004EquityAmericasInterdealer'
Equity Option	'ISDA2005EquityAsiaExcludingJapanInterdealer'
Equity Option	'ISDA2005EquityJapaneseInterdealer'
Equity Option	'ISDA2007EquityEuropean'
Equity Option	'ISDA2008EquityAmericas'
Equity Option	'ISDA2008EquityAsiaExcludingJapan'
Equity Option	ISDA2008EquityJapanese'
Equity Option	'ISDA2009EquityAmericas'
Equity Option	'ISDA2010EquityEMEAInterdealer'
Variance Swap	2005VarianceSwapEuropeanInterdealer'
Variance Swap	EquityAmericas'
Variance Swap	EquityAsia'
Variance Swap	EquityEuropean'
Variance Swap	GlobalMCA'
Variance Swap	ISDA2004EquityAmericasInterdealer'
Variance Swap	ISDA2006VarianceSwapJapaneseInterdealer'
Variance Swap	ISDA2007VarianceSwapAmericas'
Variance Swap	ISDA2007VarianceSwapAsiaExcludingJapan'
Variance Swap	ISDA2007VarianceSwapEuropean'
Dividend Swap	'2006DividendSwapEuropeanInterdealer'
Dividend Swap	'DividendSwapAmericasPrivate'
Dividend Swap	EquityAmericas'
Dividend Swap	EquityAsia'
Dividend Swap	EquityEuropean'
Dividend Swap	GlobalMCA'
Dividend Swap	'ISDA2008DividendSwapJapan'
Dividend Swap	'ISDA2008DividendSwapJapaneseRev1'
Equity Swap	EquityAmericas'
Equity Swap	EquityAsia'
Equity Swap	EquityEuropean'

Equity Swap	'EquitySwapAEJPrivate'
Equity Swap	'EquitySwapAmericasPrivate'
Equity Swap	'EquitySwapEuropePrivate'
Equity Swap	GlobalMCA'
Equity Swap	'ISDA2004EquityAmericasInterdealer'
Equity Swap	'ISDA2005EquitySwapAsiaExcludingJapanInterdealer'
Equity Swap	'ISDA2007EquityEuropean'
Equity Swap	'ISDA2007EquityFinanceSwapEuropean'
Equity Swap	'ISDA2008EquityFinanceSwapAsiaExcludingJapan'
Equity Swap	'ISDA2009EquityEuropeanInterdealer'
Equity Swap	'ISDA2009EquityEuropeanInterdealer'
Equity Swap	'ISDA2009EquitySwapAmericas'
Equity Swap	'ISDA2009EquitySwapPanAsia'

- v16 Added valid values for clearing DCO
- v16 Added validation rule for party 1 prefix and party 2 prefix
- v16 Added enumerations for lifecycle event
- v16 Added valid values for clearing exception type
- v16 Updated party 1 name and party 2 name to "name of trade party 1 / 2"
- v16 Added field clearing exception party prefix
- v17 Added inter-affiliate and compressed trade fields
- v18 Added Clearing DCO Prefix, Broker Id Party 1 / 2 Prefix, Execution agent party 1 / 2 prefix, trade
 Added fixed amount payer prefix, Fixed Amount Receiver Prefix,Lifecycle Amount Payer Prefix,
 Lifecycle Amount Receiver Prefix,Premium Payer Prefix, Underlying Asset Equity Amount Payer
 Prefix, Underlying Asset Equity Amount Receiver Prefix, Underlying Asset Floating Amount Payer
 Prefix, Underlying Asset Floating Amount Receiver Prefix, Lifecycle Underlying Asset Equity
- v18 Amount Payer Prefix, Lifecycle Underlying Asset Equity Amount Receiver Prefix, execution venue
- v19 Removed Off Market Flag
- v19 Change Pricing Context from C to O; changed valid values.
- V19 Remove Branch Prefix and Value fields and replace with Branch ID Location
- v20 Branch ID Location column B changed to "New"

Exhibit GG5

The following discusses DDR's procedures related to rules 901(f), 901(g), 901(h), 901(i), 903, and 906.

Submission Time Stamp (901(f))

DDR assigns a submission message time stamp in Coordinated Universal Time (UTC) format, to the second, upon a message being received in its message queue upon ingestion. In particular, the format for submission time stamps is "YYYY-MM-DDTHH:MM:SSZ (UTC)."

Assigning Transaction ID (901(g))

The transaction ID is the UIC assigned to a specific security-based swap transaction. DDR accepts transaction IDs in the Unique Transaction Identifier ("UTI") field. Transaction IDs are validated to determine if they are unique within the DDR System.

Format of Reported Information (901(h))

Requirements related to the format of information reported to DDR consist of the following:

- Connectivity requirements are described in the DDR user guide. DDR will be offering CSV uploads and IBM message queue to support FpML submissions.
- The DDR Credit Matrix provided in Exhibit GG1, Equity Matrix provided in Exhibit GG4 and Rates Matrix provided in Exhibit GG6 define the required fields and data formats for the user to submit a trade record.
- DDR's functional specifications will describe the specific messages, *e.g.* public price dissemination messages, messages to support primary and secondary reporting, and messages to report unique identification code ("UIC") reporting.

Reporting pre-enactment and transitional security-based swaps (901(i))

For reporting pre-enactment security-based swaps that have expired or terminated before the compliance date for Regulation SBSR, users are required to specify "historical expired" as the transaction type when submitting the trade record.

For reporting transitional security-based swaps that have expired or terminated before the compliance date for Regulation SBSR, users are required to specify "historical" as the transaction type when submitting the trade record.

For reporting pre-enactment or transitional security-based swaps in existence on or after the compliance date for Regulation SBSR, users are required to specify "backload" as the transaction type when submitting the trade record. For all three transaction types, DDR will apply relaxed validation rules.

Unique Identification Codes (UICs) (903)

SEC regulations have prescribed 10 identifiers where a Unique Identification Code ("UIC") shall be used. In addition, the SEC has recognized the global Legal Entity Identifier ("LEI") as an internationally recognized standards-setting system. Accordingly, with respect to security-based swap transactions, DDR requires that all users of its SB SDR services provide the information specified according to the DDR Rulebook under Section 4.2.3.

Ultimate Parent and Affiliate Information (906)

Pursuant to rule 906(b), DDR users are required to provide DDR with ultimate parent and affiliate information. At the time of onboarding, DDR will collect from each user information regarding the user's ultimate parent. Users are required to notify DDR of any changes to the ultimate parent information that was provided through the onboarding process. In addition, each DDR user is required to maintain a current and accurate LEI and annually certify its LEI with the registration authority that issued such LEI. Based on such information, DDR will provide a report to the Commission setting forth, for each ultimate parent, all of the corresponding account level LEIs (*i.e.*, affiliates of the ultimate parent).

Number	Existing	Category	SEC rule	Public	Data Field	Description	Conditionality	Data Type	Precision	Scale Format	Valid Values	Sample	Validation Rules	Narrative
	/New Existing		number 901.c.1	Dissemination V	Product ID Prefix	The prefix value for the type of Product ID provided.	R	Text	20	0	ISDA	ISDA		
	Existing	Primary	901.c.1	Ŷ	Product ID Value	The ISDA Taxonomy representing the product structure.	R	Text	200	0	TANK .	InterestRate:Exotic, InterestRate:Option:DebtOption		
												Interesticate:Option:DebtOption		
	Existing	Primary	901.c.1.i	v	Exercise style	How and when the option can be exercised (European, Bermudan, American)	c	Text	0	0	americanExercise, bermudaExercise, europeanExercise	americanExercise	Conditional; Required for Debt Options, N/A for Bond Forward	
	Existing			•	Exotic - Underlying asset	The underlying asset(s), e.g. floating rate indices, upon which the product is price	0	- ext	0	5	FoML structure of the underlying asset	floatingRateIndex (USD-Libor-	Container and the Dear Optional, revenue Container	
	Existing	nmary	901.c.1.i	Y	Exotic - Underlying asset			1 ext	50	0		Telerate)		
	Existing Existing	Primary	901.c.1.i	Y	Option type Primary Asset Class	Whether the option is a put or call (actually a payer or receiver option) Indicates asset class associated to the message.	C	Text	8	0	Put, Call, Payer, Receiver, Straddle InterestRate	Put "InterestRate"	Conditional; Required for Debt Options, N/A for Bond Forward	
	Existing	Primary	901.c.1.i 901.c.1.i	Ý	Underlying bond coupon	coupon rate of the bond	Ċ	Numeric	18	10 0 3-digit ISO currency co		0.05	5 Conditional; Optional for Debt Options, N/A for Bond Forward	
	Existing	Primary	901.c.1.i	Y	Underlying bond currency	currency of the bond	c	1 ext	3	(ISO 4217)	30	USD	Conditional; Optional for Debt Options, N/A for Bond Forward	
	Existing Existing	Primary	901.c.1.i 901.c.1.i	Y	Underlying bond ID Underlying bond issuer	ISIN or CUSIP of underlying bond entity that issues the bond For Swaps, the effective date of the swap. For Forwards, Forward date. Effective	c	Text	50	0		BOND123	Conditional; Required for Debt Options, Optional for Bond Forward	d
1	Existing	orimary	901.c.1.i	Ŷ	Effective Date - leg 1	For Swaps, the effective date of the swap. For Forwards, Forward date. Effective	R	Date	10	0 YYYY-MM-DD		2012-12-24		
						Date of the Contract: The date that the reportable swap transaction becomes effective or starts. The effective date shall be displayed with two digits for day.								
						month, and year.								
						First date of the term of a swap (date of beginning of swap accruals), prior to any								
1	Existing	ormany	901.c.1.ii	Y	Trade Date	adjustment for business days The date on which the trade was executed.	B	Date	10	0 YYYY-MM-DD		2012-12-24		
1	Existing	Primary	901.c.1.iii	Y	Bermudan exercise dates	Dates on which a Bermudan-style exercise swaption can be exercised (unadjusted)	с	Date	10	0 YYYY-MM-DD 0 YYYY-MM-DD		2012-12-24	Conditional; Optional for Debt Options, N/A for Bond Forward	
1	Existing	Primary	901.c.1.iii	Y	Commencement date	beginning of exercise period for american-style options	с	Date	10	0 YYYY-MM-DD		2012-12-24	Conditional - Required if applicable for Debt Options, N/A for Bon	1
1	Existing	Secondary	901.c.1.iii	N	Earliest exercise time	Earliest time option can be exercised on a valid exercise date'	с	Time	20	0 HH:MM:SS		11:22:4	Forward 5 Conditional; Optional for Debt Options, N/A for Bond Forward	
1	Existing	Primary	901.c.1.iii 901.c.1.iii	Y	Expiration Date Expiration time	Last date option can be exercised Latest time option can be exercised on a valid exercise date'	Ċ	Date	10	0 YYYY-MM-DD 0 HH:MM:SS		2012-12-24	5 Conditional; Optional for Debt Options, N/A for Bond Forward Conditional; Required for Debt Options, N/A for Bond Forward 5 Conditional; Optional for Debt Options, N/A for Bond Forward	
1	Existing	Secondary	901.c.1.iii	N	Latest exercise time Termination Date (unadjusted) - leg 1		c	Time	20	0 HH:MM:SS		11:22:4	5 Conditional; Optional for Debt Options, N/A for Bond Forward Conditional; N/A for Debt Options, Required for Bond Forward	
1	Existing	Primary	901.c.1.iii	Y	Termination Date (unadjusted) - leg 1	last date of the term of a swap (date of end of swap accruals), prior to any adjustment for business days	с	Date	10	0 YYYY-MM-DD		2012-12-24	Conditional; N/A for Debt Options, Required for Bond Forward	
2	Existing Existing	Primary	901.c.1.iii 901.c.1.iv	Y	Underlying bond maturity leg 1 payer	maturity date of the bond Party that pays the settlement amounts of leg 1 (a.k.a stream1 or leg 1).	0	Date	10	0 YYYY-MM-DD		2012-12-24 B4TYDEB6GKMZ0031MB27	Conditional; N/A for DO. Optional for BF. Must be either "party1" of	~
2							2	. 201	~	2				
2	Existing	Secondary	901.c.1.iv	N	leg 2 payer	Party that pays the settlement amounts of leg 2 (a.k.a stream2 or leg 2).	с	Text	40	0		B4TYDEB6GKMZ0031MB27	Conditional; N/A for DO. Optional for BF. Must be either "party1" o "party2"	u.
	Existing	Primary	901.c.1.iv	Y	Payment Frequency period - leg 1	How often leg 1 settles - period	c	Text	1	0	D, W, M, Y, T	M, Y, T M Y T	Conditional; N/A for DO. Optional for BF.	
	Existing Existing		901.c.1.iv 901.c.1.iv	Y	Payment Frequency period - leg 2 Payment Frequency period multiplier - leg 1	How often leg 2 settles - period How often leg 1 settles - number of periods	c	Text Numeric	3	0	D, W, M, Y, T	m, 1, 1 3, 6	Conditional; N/A for DO. Optional for BF. Conditional; N/A for DO. Optional for BF.	+
	Existing		901.c.1.iv	v	Payment Frequency period multiplier- leg 2	How often leg 2 settles - number of periods	c	Numeric	3	0		3.6	Conditional; N/A for DO. Optional for BF.	
	- Annual g	.,		[-							
2	Existing	Secondary	901.c.1.iv	N	Premium Payer	Party that pays the premium	C .	1 ext	40	U		B4TYDEB6GKMZ0031MB27	Conditional, Debt Options: required when premium is non-zero; M be either "party1" or "party2". NA for Bond Forwards	ust
-	Existing	Secondary	901.c.1.iv	N	Premium Receiver	Party that receives the premium	c	Text	40	0		B4TYDER6GKM70024MP?*	Conditional, Debt Options: required when premium is non-zero; N	Art
	Existing	Secondary		ľ.			-	1 50.04					be either "party1" or "party2". NA for Bond Forwards	
2	Existing	Primary	901.c.1.iv	Y	Premium settlement date/Premium Payment Date	Unadjusted date on which the premium is paid	с	Date	10	0 YYYY-MM-DD		2012-12-24	for Bond Forwards	A
3	Existing	Primary	901.c.1.iv	Y	Settlement Currency (stream 1)	The currency the stream 1 settles in	с	Text	3	0 3-digit ISO currency co (ISO 4217)	de "AFN", "EUR", "ALL", "DZD", "USD", "EUR", "AOA", "XCD", "XCD", "ARS", "AMD", "AWG", "AUD", "EUR", "AZN", "BSD", "BHO", "BDT", "BBO", "BYR", "EUR", "BZD", "XOF", "BMD", "BTN", "INR", "BOB", "BOV", "USD", "BAM", "BWP", "NOK", "BRL", "BSD", "BND", "BAN",	USD, GBP, EUR	Conditional; Optional for Debt Options, N/A for Bond Forward	
										(ISO 4217)	"AUD", "EUR", "AZN", "BSD", "BHD", "BD1", "BBD", "BYR", "EUR", "BZD", "KOF", "BMD", "BTN", "INR", "BOB", "BOV", "USD", "BAM", "BWP", "NOK", "BRL", "USD", "BND", "BGN",			
											"ANG", "EUR", "CZK", "DKK", "DJF", "XCD", "DOP", "USD", "EGP", "SVC", "USD", "XAF", "ERN", "EUR", "ETR", "EUR", "EKP", "DKK", "EUR", "EUR", "EUR", "XAF",			
											"GMD", "GEL", "EUR", "GHS", "GIP", "EUR", "DKK", "XCD", "EUR", "USD", "GTQ", "GBP",			
											"XDR", "XDF", "GYD", "H1G", "USD", "AUD", "EUR", "HNL", "HKD", "HDF", "ISR", "INR", "IDR", "XDR", "IRR", "IQD", "EUR", "GBP", "ILS", "EUR", "JMD", "JPY", "GBP", "JOD", "KZT", "KES",			
											"AUD", "KPW", "KRW", "KWD", "KGS", "LAK", "LVL", "LBP", "LSL", "ZAR", "LRD", "LYD", "CHF", "LTL", "EUR", "MOP", "MKD", "MGA", "MWK", "MYR", "MVR", "XOF", "EUR", "USD",			
											"EUR", "MRO", "MUR", "EUR", "XUA", "MXN", "MXV", "USD", "MDL", "EUR", "MNT", "EUR", "XCD", "MAD", "MZN", "MMK", "NAD", "ZAR", "AUD", "NPR", "EUR", "XPF", "NZD", "NIO",			
											"KOF", "NON", "NZD", "AUD", "USD", "NOK", "OMR", "PKR", "USD", "PAB", "USD", "PGK", "PYG", "PEN", "PHP", "NZD", "PLN", "EUR", "USD", "QAR", "EUR", "RON", "RUB", "RWF",			
											"EUR", "SHP", "XCD", "XCD", "EUR", "EUR", "XCD", "WST", "EUR", "STD", "SAR", "XOF",			
											"RSD", "SCR", "SLL", "SGD", "ANG", "XSU", "EUR", "EUR", "SBD", "SOS", "ZAR", "SSP", "EUR", "LKR", "SDG", "SRD", "NOK", "SZL", "SEK", "CHE", "CHF", "CHW", "SYP", "TWD",			
											Cont,			
											"VEF, "WD", "USD", "USD", "XPF", "MAD", "VFR", "2MK", "ZWL", "XBA", "XBB", "XBC", "XBD", "XFU", "XTS", "XOU", "XAU", "XPD", "XPT", "XAG",			
											SBD, SHU, STS, SKK, SAU, SHU, SHU, SKIT, SAG			
3	Existing	Primary	901.c.1.iv	Y	Settlement Date (unadjusted)	When the settlement occurs Provides an indication that the transaction has one or more additional term(s) or	C	Date	10	0 YYYY-MM-DD	trus falza	2012-12-24 FALSE	Conditional; Optional for Debt Options, N/A for Bond Forward	
3	Existing	-innary	su1.0.1.V	'	Nonciamicato Filag	provision(s) not indicated that materially affect(s) the price of the reportable swap	<u>^</u>	1001	5	0	urue, raise	FALSE		
	1					transaction.		1	1					
3	Existing	Primary	901.c.2	Y	Original Execution Timestamp	The date and time of the original execution timestamp of the transaction.	R	DateTime	1	0 YYYY-MM- DDTHH:MM:SSZ (UTC		2012-04-10T15:24:42Z	The date portion of the Original Execution Date must be the same	as
L										DDTHH:MM:SSZ (UTC format)			the Trade Date.	
3	Existing	Primary	901.c.3	Y	Exotic - price - leg1	Valuations (observed or calculated prices)	с	Text	50	0		NPV of \$123,456, or premium of 123 bo of notional	Conditional; N/A for DO. Optional for BF.	
3	Existing	Primary	901.c.3	Y	Exotic - price - leg2	Valuations (observed or calculated prices)	c	Text	50	0		\$123,456 or 123 (bp)	Conditional; N/A for DO. Optional for BF. Conditional; N/A for DO. Optional for BF Must be "Embedded"	1
3	Existing	Primary	901.c.3	Y	Exotic - price units - leg1	Valuations (observed or calculated prices) - units of price	C	Text	50	0	Valid values include but are not limited to: Basis Points, Percentage, Currency Amount, Price, Spread.	Percentage	Conditional; N/A for DO. Optional for BF Must be "Embedded" when the price is zero.	
	Evietar	Drimany	901.c.3	v	Exotic - price unite - Ic-2	Valuations (observed or calculated price-)	c	Text	50	0		Ro of noticeal	Conditional; N/A for DO. Optional for BF.	
3	Existing Existing	Primary Primary	901.c.3 901.c.3	Y	Exotic - price units - leg2 Exotic - settlement currency - leg1	Valuations (observed or calculated prices) - units of price The currency or currencies in which the product can settle.	c	Text	3	0 3-digit ISO currency co	- HARRY IFURY HALLY IN THE REPORT IFURY HOAT INCOME WORK HARPY HALPY	Bp of notional USD	Conditional; N/A for DO. Optional for BF. Conditional; N/A for DO. Optional for BF.	
								1	1	(ISO 4217)	AWG, AUD, EUR, AZN, BSD, BHD, BDT, BDT, BYR, KRR, BZD, 'XOF, 'BMD, 'BTN, 'INR', 'BOB', 'BOV', 'USD', 'BAM', 'BWP', 'NOK', 'BRL',			
	1							1	1	1 1				
1	1							1	1	1 1	"XAF", 'CLF', 'CLF', 'CNY', 'AUD', 'AUD', 'COF', 'COU', 'KMF', 'XAF', 'CDF', 'NZD', 'CRC', 'XOF', 'HRK', 'CUC', 'CUP', 'ANG', 'EUR', 'CZK', 'DKK', 'DJF', 'XCD', 'DOP', 'USD', 'EGP', 'SVC', 'USD', 'XAF', 'ERN', 'EUR', 'ETB', 'EUR',			
1	1							1	1		"XCD", "DOP", "USD", "EGP", "SVC", "USD", "XAF", "ERN", "EUR", "ETB", "EUR",			
1	1							1	1	1 1				
	1							1	1		FUR, TGHS, GIP, EUR, TOK, XCD, FUR, TUS, ATC, GBD, GEL, YOF, TGYD, HTG, TUSD, AUD, FUR, HNL, HKD, HUF, ISK, INR, NOF, GYD, HTG, TUSD, AUD, FUR, HNL, HKD, HUF, ISK, INR,			
	1							1	1		"IDR", "XDR", "IQD", "EUR", "GBP", "ILS", "EUR", "JMD", "JPY", "GBP", "JOD", "KZT", "KES", "AUD", "KPW", "KRW", "KWD", "KGS", "LAK", "LVL", "LBP", "LSL", "ZAR", "LRD", "LYD", "CHF", "LTL", "EUR", "MOP", "MKD", "MGA", "MWK",			
	1							1	1					
	1							1	1		"MXN", "MXV", "USD", "MDL", "EUR", "MNT", "EUR", "XCD", "MAD", "MZN",			
	1							1	1	1 1	'MXN', 'MXV', 'USD', 'MDL', 'EUR', 'MNT', 'EUR', 'XCD', 'MAD', 'MZN', 'MMN', 'MXV', 'USD', 'MDL', 'FER', 'MNT, 'EUR', 'XCD', 'MAD', 'MZN', 'MMN', 'NAD', 'ZAR', 'AUD', 'NPR', 'EUR', 'XSD', 'YAD', 'MCD', 'NOF', 'NGN', 'NZD', 'AUD', 'USD', 'NOK', 'OMR', 'PKR', 'USD', 'PAB', 'USD', 'PGK', 'PYG',			
	1							1	1		PEN, "PHP," NZD", "PLN", "EUR", "LSD", "OAR", "EUR", "RON", "RUB", "RWF", "EUR", "SHP", "XCD", "XCD", "EUR", "EUR", "XCD", "WST", "EUR", "STD", "SAR",			
1	1							1	1		"XOF", "RSD", "SCR", "SLL", "SGD", "ANG", "XSU", "EUR", "EUR", "SBD", "SOS",			
1	1							1	1		"ZAR", "SSP", "EUR", "LKR", "SDG", "SRD", "NOK", "SZL", "SEK", "CHE", "CHF",			
1	1							1	1		'CHW', 'SYP', 'TWD', 'TJS', 'TZS', 'THB', 'USD', 'XOF', 'NZD', 'TOP', 'TTD', 'TND', 'TRY', 'TMT', 'USD', 'AUD', 'UGX', 'UAH', 'AED', 'GBP', 'USD', 'USN',			
	1								1		"USS", "USD", "UYT", "UYU", "UZS", "VUV", "EUR", "VEF", "VND", "USD", "USD", "XPF", "MAD", "YER", "ZMK", "ZWL", "XBA", "XBB", "XBC", "XBD", "XFU", "XTS",			
1	1							1	1		"XPF", "MAD", "YER", "ZMR", "ZWE", "XBA", "XBB", "XBC", "XBD", "XFU", "XTS", "XXX", "XAU", "XPD", "XPT", "XAG"			
1	1							1	1					
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L	1			1			1	1	1	I I	1	1	1	1

Number Existing /New	Category	SEC rule number	Public Dissemination	Data Field	Description	Conditionality Data Type	Precision	Scale Format		Valid Values	Sample	Validation Rules	Narrative
30 Existing	Panay	901.63	Y	Exale - salilamart curaroj - lag2	The camproy of camproles in which the product cam settle.	C Tes	3	0 3-digit (50-ann (650-4217)		ANY TEMP ALL TOD' LED' ELEM AND, NOT NOT NOT NEW TEMP. NOT NOT NOT ALL TOD' LED' ELEM AND, NOT NOT NOT NEW TEMP. LED' TEMP AND TEMP BOY TEMP AND TEMP TEMP AND TEMP AND LED' TEMP AND TEMP AND ALL TODO TEMP AND TEMP AND TEMP AND LED' TEMP AND TE	USD	Conditionel INA for DO, Optionel for BF.	
											100		
40 Existing 41 Existing	Primary	901.c.3 901.c.3	Ŷ	Generic Product Option Strike Price Currency Premium amount	The currency in which the option strike price is expressed Amount of the premium	C Text	3	0 3-digit ISO curn (ISO 4217)	rency code		USD	Conditional; N/A for DO. Optional for BF.	
41 Existing	Primary	901.c.3	Ŷ	Premium amount	Amount of the premium Currency that the premium is denominated in	C Numeric	18	10		"AEN", "EUR", "ALL", "DZD", "USD", "EUR", "AOA", "XCD", "XCD", "ARS", "AMD",	10000	IO Conditional, Debt Options: required when premium is non-zero. N for Bond Forwards Conditional, Debt Options: required when premium is non-zero. N	A
								(85 ⁶ 4217)		Nucl. Yuon, Yuon, Yuon, Yuon, Yion, Yuon,		fer Bord Forwards	
43 Existing	Primary	901.c.3	Y	Premium Type	type of premium to be paid	C Text	8	0			Fixed, Variable, PrePaid, PostPa	d Conditional, Debt Options: required when premium is non-zero. N for Rond Forwards	A
44 Existing	Primary	901.c.3	Y	Strike Price	price at which option is struck; forward price for BF	C Numeric	28	10			12500	Id Conditional, Letic Options: required when premum is non-zero. N for Bond Forwards 0 Conditional: Required for Debt Options, Optional for Bond Forwar	ds
45 Existing 46 Existing	Primary Primary	901.c.4 901.c.4	Y Y	Exotic - Notional amount - leg1 Exotic - Notional amount - leg2	The notional/nominal quantity on which the cashflows are calculated The notional/nominal quantity on which the cashflows are calculated	C Numeric C Numeric	28 28	10			10000	0 Conditional; N/A for DO. Optional for BF. 0 Conditional; N/A for DO. Optional for BF.	
4/ Existing	-ronay	901.0.4	T	Notional Currency - leg 1	The currency of the notional value upon which interest rate calculations are done.	C 188	3	0 3 digit (50 aan (50 4217)		ANN EUR 'ALL' 1207			
48 Existing	Primary	901.c.4	Y	Number of Options	Number of separate options (product of this and entitlement should be the notional	IC Numeric	28	10			2500		
49 Existing 50 Existing	Primary Primary (Inter-dealer), Secondary (role)	901.c.4 901.c.5	Y Y	Option Entitlement Trade Party 1 Role	Notional per option Indication of registration status for Party 1.	C Numeric R Text	28 20	10 0		SBSD ,MSBSP, non-SBSD/MSBSP	SBSD 20	0 Conditional; Required for Debt Options, N/A for Bond Forward	This field will also be used to identify the
													This field will also be used to identify the Inter-dealer status for Public Price Dissemination as per Rule 901 (c) 5
51 Existing	Primary (Inter-dealer), Secondary (role)	901.c.5	Y	Trade Party 2 Role	Indication of registration status for Party 2.	R Text	20	0		SBSD ,MSBSP, non-SBSD/MSBSP	MSBSP		This field will also be used to identify the Inter-dealer status for Public Price Dissemination as per Rule 901 (c) 5
52 Existing	Primary (Intent to clear); Secondary (Clearing agency name)		Y	Clearer Prefix	Prefix of Clearer	C Text	200	0		LEI	LEI	Conditional: Required when Clearer Value field is populated with LEI. Otherwise, Not Applicable.	n
53 Existing	Primary (Intent to clear); Secondary (Clearing agency name)	901.c.6	Y	Clearer Value	Indication if the trade will be cleared, and where.	R Text	200	0		False, LEI of clearer	FALSE		
54 New	Primary	901.c.7; 907.a.4.i.	Y	Pricing context	Identifies characteristic or circumstance that makes the trade off-market.	O Text	200			ClearingForcedTrade, DefaultTransaction, PackageOrBespoke	ClearingForcedTrade		
55 Existing	Primary	901.c.7;	Y	Compressed Trade	Indication that the trade is as a result of a compression event	R Text	5	0		true, false	FALSE		
56 Existing	Primary	907.a.4 901.c.7;	Y	Inter-Affiliate	Indicate whether the transaction is between two affiliated entities.	R Boolean		0		true, false	TRUE		+
57 New	Secondary	907.a.4 901.d.1	N	Indirect counterparty ID - Party 1 Prefix	The Prefix for the ID in the "Indirect counterparty ID - Party 1 Value" field. This field will be used to validate the value provided in "Indirect counterparty ID - Party	O Text	40	+ +		Internal, LEI	LEI		
58 New	Secondary	901.d.1	N	Indirect counterparty ID - Party 1 Value	Value The ID or name of the Indirect Counterparty of Trade Party 1 Value. If prefix is LEI, then LEI Id required.	O Text	200				B4TYDEB6GKMZ0031MB27		
59 New	Secondary	901.d.1	N	Indirect counterparty ID - Party 2 Prefix	The Prefix for the ID in the 'Indirect counterparty ID - Party 2 Value' field. This field will be used to validate the value provided in 'Indirect counterparty ID - Party	O Text	40			Internal, LEI	LEI		
60 New	Secondary	901.d.1	N	Indirect counterparty ID - Party 2 Value	Value" The ID or name of the Indirect Counterparty of Trade Party 2 Value. If prefix is LE		200				7LTWFZYICNSX8D621K86	1	
61 Existing	Secondary	901.d.1	N	Name of Trade Party 1	then LEI ID required Legal Name of Trade Party 1	C Text	200				ABC123NAME	Conditional; Required if If Trade Party 1 Prefix is "Internal"	-

Number Existing Category	SEC rule	Public	Data Field	Description	Conditionality	Data Type	Precision	Scale	Format	Valid Values	Sample	Validation Rules	Narrative
New 52 Existing Sampdary		Dissemination	Trade Party 1 Prefix	Prefix for the ID in the Trade Party 1 Value field. This field will be used to validat	10 P	Text	40	0		Internal, LEI	(6)		DDR will require in its user guide that
be Litering Decondury			These Fairly FF funk	The value provided in "Trade Party 1 Value"	64 9 V.	1.000	-	5			L.L.I		reporting parties or any financial entity provides the LEI prefix except where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
63 Existing Secondary	901.d.1	N	Trade Party 1 Value	The ID of Trade Party 1 associated to the Trade Party 1 Prefix.	R	Text	200	0			XYZ123	If Trade Party 1 Profix is populated with "LEI", then the Trade Party Value must be populated with a valid LEI (digit check 20 characters If Trade Party 1 Profix is populated with "Internal", then the Trade Party 1 Value (client assigned internal ID) and Trade Party 1 Name	4
64 Existing Secondary	901.d.1	N	Name of Trade Party 2 Trade Party 2 Prefix	Legal Name of Trade Party 2	с	Text	200			Internal I Et	ABC123NAME	must be populated. Conditional; Required if If Trade Party 2 Prefix is "Internal"	
65 Existing Secondary	901.d.1	N	Trade Party 2 Prefix	Logal Name of Trade Party 2 Prefix for the ID in the Trade Party 2 Value field. This field will be used to validat the value provided in "Trade Party 2 Value"	to R	Text	40	0		Internal, LEI	LEI		DDR will require in its user guide that reporting parties or any financial entity provides the LEI prefix except where SEC has provided an exemption. In which case, an "Internal" prefix indication is acceptable
66 Existing Secondary	901.d.1	N	Trade Party 2 Value	The ID of Trade Party 2 associated to the Trade Party 2 Prefix.	R	Text	200	0			XYZ123	If Trade Party 2 Prefix is populated with "LEP, then the Trade Party Value must be populated with a valid LEP, (digit check 20 characters if Trade Party 2 Prefix is populated with "Internal", then the Trade Party 2 Value (client assigned internal ID) and Trade Party 2 Name must be populated. Conditional Required when Review IID Party 1 Value [®] is nonvolvated	
67 Existing Secondary	901.d.2	N	Broker Id Party 1 Prefix Broker Id Party 1 Value	Prefix of the Broker for Trade Party 1 if applicable. Indicates the LEI of the Broker for Trade Party 1 if applicable.	c	Text	200	0		LEI	LEI B4TYDEB6GKMZ0031MB27	Conditional: Required when Broker ID Party 1 Value" is populated. Otherwise, Not Applicable. Must be valid LEI	
68 Existing Secondary 69 Existing Secondary	901.d.2 901.d.2	N	Broker Id Party 1 Value Broker Id Party 2 Prefix	Indicates the LEI of the Broker for Trade Party 1 if applicable. Prefix of the Broker for Trade Party 1 if applicable.	0	Text	200	0	LEI only acceptable value		B4TYDEB6GKMZ0031MB27		
69 Existing Secondary 70 Existing Secondary	901.d.2	N	Broker Id Party 2 Value	Indicates the LEI of the Broker for Trade Party 1 if applicable.	0	Text	200	0	LEI only acceptable value		7LTWFZYICNSX8D621K86	Conditional: Required when Broker ID Party 1 Value* is populated. Otherwise, Not Applicable. Must be valid LEI	
71 Existing Secondary	901.d.2	N	Desk Id Party 1	The client assigned identifier for the Desk ID of Trade Party 1.	0	Text	40	0			A128HJ		
72 Existing Secondary 73 Existing Secondary	901.d.2 901.d.2	N N	Desk Id Party 2 Execution Agent Party 1 Prefix	The client assigned identifier for the Desk ID of Trade Party 2. Prefix of the Execution Agent for Trade Party 1 if applicable.	0 C	Text	40 40	0		LEI	KIU89IKS LEI	Conditional: Required when Execution Agent ID Party 1 Value* is	
74 Existing Secondary	901.d.2	N	Execution Agent Party 1 Value	LEI of execution agent.	0	Text	200	0	LEI only acceptable value		549300LRSNKYDM4Q4635	populated. Otherwise, Not Applicable.	
75 Existing Secondary 76 Existing Secondary	901.d.2	N	Execution Agent Party 2 Prefix Execution Agent Party 2 Value	Prefix of the Execution Agent for Trade Party 2 if applicable.	c	Text	40	0	LEI only acceptable value	LEI	LEI 549300LRSNKYDM4Q4635	Conditional: Required when Execution Agent ID Party 1 Value" field contains an LEI. Otherwise, Not Applicable. "LEI" only acceptable value	
76 Existing Secondary	901.d.2	N	Execution Agent Party 2 Value	LEI of execution agent. The location of the Branch for Trade Party 1	0	Text	200	0			549300LRSNKYDM4Q4635		The number at the end of the string will
77 New Secondary					Ū	Tea	40		2-digit ISO country code (ISO 3166-3) - 2-digit ISO Subdivision code (ISO 3166-2) - number				identify the particular branch where the are multiple branches in the country an subdivision location.
78 New Secondary	901.d.2	N	Branch ID Location Party 2	The location of the Branch for Trade Party 2	0	Text	40		2-digit ISO country code (ISO 3166-3) - 2-digit ISO Subdivision code (ISO 3166-2) - number		US-NY-2		The number at the end of the string will identify the particular branch where the are multiple branches in the country an subdivision location.
79 Existing Secondary	901.d.2	N	Trader Id Party 1	ID of the Trader for Party 1	с	Text	40	0			TRADERA	Either Tader ID Party 1 or Trader ID Party 2 must be populated	
80 Existing Secondary	901.d.2	N	Trader Id Party 2 Automatic exercise threshold rate	ID of the Trader for Party 2	с	Text	40	0			TRADERB	Either Tader ID Party 1 or Trader ID Party 2 must be populated	
81 Existing Secondary 82 Existing Secondary	901.d.3	N	Automatic exercise threshold rate	If exercise is automatic, the minimum amount the trade needs to be in the money for the exercise to occur. Party receiving floating rate/Party with right to exercise the option	y C	Numeric	18	12			2 B4TYDEB6GKMZ0031MB27	50 Conditional Debt Options: Required If applicable. NA for Bond Forwards Conditional: Required for Debt Options, Optional for Bond Forwards Must be either 'party1' or 'party2'	
82 Existing Secondary 83 Existing Secondary	901.d.3	N	Buyer	Party receiving floating rate/Party with right to exercise the option	c	Text	40	0			B4TYDEB6GKMZ0031MB27 B4TYDEB6GKMZ0031MB27	Conditional: Required for Debt Options, Optional for Bond Forwards Must be either "party1" or "party2" Conditional: Required for Debt Options, Optional for Bond Forwards	
		N	Collateral agreement date	Party paying floating rate/Party with obligation to fulfill the option if exercised (the writer of the option). The date of the collateral acreement	0	Date	10	0	YYYY-MM-DD			Must be either "party1" or "party2"	
84 New Secondary 85 New Secondary	901.d.4 901.d.4	N	Collateral agreement the	The date of the collateral agreement The title of the collateral agreement	ő	Text	200		1111-111-00		2012-12-24 Credit Support Annex Agreemer	di .	
86 Existing Secondary	901.d.4	N	Master Agreement type	Reference to the name of the relevant master agreement, if used for the reported contract (e.g., ISDA Master Agreement; Master Power Purchase and Sale Agreement; Interactional ForEx Master Agreement; European Master Agreement or any local Master Agreements). Reference to the year of the master agreement rank (ii. applicable (e.g. 1992, 2002,). The drift of drifts matter magnetisment version used for the reported mask (ii. applicable (e.g. 1992, 2002,).	d O ti	Text	100	0					
87 Existing Secondary	901.d.4	N	Master Agreement version	Reference to the year of the master agreement version used for the reported trade, if applicable (e.g. 1992, 2002,).	0	Text	256	0			2013		
88 New Secondary 89 New Secondary 90 Existing Secondary	901.d.4 901.d.4 901.d.5	N N	Other agreement date Other agreement title Bermudan exercise date business centers	The date of other agreement The tille of other agreement Business centers for adjusting Bermudan exercise dates	0	Date Text	10 200		YYYY-MM-DD		2012-12-24 ACME Support Agreement USNY, GBLO	Conditional; N/A for Bond Forward	
91 Existing Secondary	901.d.5	N	Bermudan Exercise Date business day	Business day convention for adjusting Bermudan exercise dates	c	Text	15	0			MODFOLLOW	Conditional; N/A for Bond Forward	
92 Existing Secondary	901.d.5	N	convention bond option relevant underlying dates	Dates on the underbing set by the exercise of the option (i.e. the termination date	te C	Date	10	0	YYYY-MM-DD		2012-12-24	Conditional; N/A for Bond Forward	
93 Existing Secondary	901.d.5	N	(unadjusted)	on the swap) TBC. No Description On Template	с	Text	5	0			USNY, GBLO	Conditional; N/A for Bond Forward	
94 Existing Secondary	901.d.5	N	business centers bond option relevant underlying dates	TBC. No Description On Template	с	Text	15	0			MODFOLLOW	Conditional; N/A for Bond Forward	
95 Existing Secondary 96 Existing Secondary	901.d.5 901.d.5	N	bond option relevant underlying dates business centers bond option relevant underlying dates business day convention Commencement date business centers Commencement date business day	Business centers for adjusting commencement date Business day convention for adjusting commencement date	c	Text	5	0			USNY, GBLO MODFOLLOW	Conditional; Optional for Debt Options, N/A for Bond Forward Conditional; Optional for Debt Options, N/A for Bond Forward	
97 Existing Secondary	901.4.5	N	convention Earliest exercise time business center	Business center corresponding to earliest exercise time	c	Text	5	0				Conditional; Optional for Debt Options, N/A for Bond Forward	
98 Existing Secondary 99 Existing Secondary	901.d.5 901.d.5	N N	Expiration date business centers Expiration Date business day convention	Business centers for adjusting expiration date Business day convention for adjusting expiration date Business center corresponding to expiration time	c	Text	5 15	0			USNY, GBLO USNY, GBLO MODFOLLOW	Conditional; Optional for Debt Options, N/A for Bond Forward Conditional; Optional for Debt Options, N/A for Bond Forward	
100 Existing Secondary 101 Existing Secondary 102 Existing Secondary	901.d.5 901.d.5	N N	Expiration time business center Latest exercise time business center Manual exercise - fallback exercise	Business center corresponding to expiration time Business center corresponding to latest exercise time	c	Text	5 5	0			USNY, GBLO USNY, GBLO	Conditional; Optional for Debt Options, N/A for Bond Forward	
	901.d.5	N		Business center corresponding to latest exercise time If the exercise is manual, will the option be exercised automatically if no notice is given and the trade is at least 0.1% in the money If the exercise is manual, to which party should the notice be given?	: C	Text	5	0			TRUE	Conditional; Optional for Debt Options, N/A for Bond Forward Conditional - Debt Options: Required if applicable; N/A for Bond Forward	
103 Existing Secondary	901.d.5 901.d.5	N	Manual exercise party Premium payment date business centers	If the exercise is manual, to which party should the notice be given? Business centers for adjusting premium	c	Text	40	0			B4TYDEB6GKMZ0031MB27 USNY, GBLO	Forward Conditional - Debt Options: Required if applicable; Must be either "party1" or "party2". N/A for Bond Forward. Conditional, Debt Options: required when premium is non-zero. NA	
104 Existing Secondary 105 Existing Secondary	901.d.5	N	Premium payment date business centers Premium payment date business day	Business centers for adjusting premium Business day convention for adjusting premium payment date	0	Text	D 15	0			USNY, GBLO MODFOLLOW	Conditional, Debt Options: required when premium is non-zero. NA for Bond Forwards Conditional. Debt Options: required when premium is non-zer. O. N	
106 Existing Secondary	901.d.5	N	convention Settlement Date adjustment business centers	s business cally convention for adjusting premium payment date	c	Text	5	0			USNY. GBLO	Conditional, Debt Options: required when premium is non-zer. O. N for Bond Forwards. Conditional; Optional for Debt Options, N/A for Bond Forward	[
107 Existing Secondary	901.d.5	N	Settlement Date adjustment business day	business day convention for settlement	c	Text	15	0			MODFOLLOW	Conditional; Optional for Debt Options, N/A for Bond Forward	
108 Existing Secondary	901.d.7	N	convention Clearing Exception Party Prefix	Prefix for the Clearing Exception Party Value	с	Text	20	0		Internal,LEI	549300LRSNKYDM4Q4635	Conditional; Required if Clearing Exception Type =	
109 Existing Secondary	901.d.7	N	Clearing Exception Party Value	LEI of the Clearing Exception Party for end-user clearing exceptions. Entered if	с	Text	200	0			549300LRSNKYDM4Q4635	"Enduserexemption" Conditional, Required if Clearing Exception Party Prefix is submitted	1
110 New Secondary 111 Existing Secondary	901.d.7 901.d.8	N N	Clearing Exception Type bond option relevant underlying dates (relativ	clearing exception has been invoked. Indicates the type of clearing exception invoked on the transaction. vel Specifies the period type of the offset before or after the reference date that the	o c	Text	40	0		Enduserexemption, Attiliateexemption	Enduserexemption D	Otherwise, not allowed. Conditional: N/A for Bond forwards	
112 Existing Secondary	901.d.8	N	offset) - period bond option relevant underlying dates (relativ	option will settle ve Specifies the number of periods before or after the reference date that the option	n C	Numeric	3	0				Conditional: N/A for Bond forwards	
113 Existing Secondary	901.d.8	N	offset) - period multiplier Settlement Type	will sottle How the option is settled (cash or physical)	0	Text	8	0		CSV Submissions - Debt Option and Exotic - Cash, Physical, Election FpML Submissions - For Debt Option and Exotic: valid values are Cash, Physical, Election in SettlementType element	Cash		
114 Existing Secondary	901.d.9	N	Execution Venue	The exchange or execution facility on which the trade was executed.	0	Text	200	0	LEI only acceptable value		549300LRSNKYDM4Q4635		
115 Existing Secondary	901.d.9	N	Execution Venue Prefix Event ID party 1	The prefix for the Execution Venue A value provided by the user representing the lifecycle event for party 1.	0	Text	20	0		LEI	LEI		
116 Existing secondary	901.e.1.i	N			с	Text	100	0			EVNTID1	This field is required when "Transaction Type" contains Partial Termination, Increase, Amendment, Novation, Exercise, Compression for PET, PET-CONFIRM, CONFIRM messages. Required for Snapshot.	
117 Existing secondary	901.e.1.i	N	Event ID Party 2 Event Processing ID	A value provided by the user representing the lifecycle event for party 2. Indicates when the trade is part of a multi-transaction event (e.g. credit event,	c	Text	100	0			EVNTID1	Panai erimination, inclusas, Améridamen, Novalaon, Exercisa, Compression for PET, PET-COMINM, CONFIRM messages. Required for Shagabid. This field is required when "Transaction Type" contains Pantal Termination, Increase, Amendment, Novalion, Exercisa, Compression for PET, PET-CONFIRM, CONFIRM messages. Required for Shagabid.	
118 Existing Lifecycle	901.e.1.i	N	Event Processing ID Execution Timestamp	Indicates when the trade is part of a multi-transaction event (e.g. credit event, compression). The date and time of execution of the post trade transaction.	0	i ext	100	0	YYYY-MM-		CREDITEVENT1 2012-04-10T15:24:42Z	Required for any post trade event	
119 Existing Lifequete	AA4									1	AU121041101102240422	reasoned for any post-trade event	1
119 Existing Lifecycle	901.e.1.i	N							DDTHH:MM:SSZ (UTC format)				
119 Existing Lifecycle 120 Existing Lifecycle	901.e.1.i 901.e.1.i	N	Lifecycle Event	Describes the event type of the record being submitted.	с	Text	50	0			ANC0303281458256864797248	Required for any post trade events submitted on Snapshot messages.	

Number	Existing	Category	SEC rule	Public	Data Field	Description	Conditionality	Data Type	Precision	Scale	Format	Valid Values	Sample	Validation Rules	Narrative
122	/New Existing	Lifecycle	number 901.e.1.i	Dissemination	Remaining Party (RP) Prefix	Prefix for the value provided in the "Remaining Party (RP) Value" field	c	Text	40	0		Internal, LEI	LEI	Conditional; Required when Remaining Party (RP) Value is populat	ed
	-				Remaining Party (RP) Value	ID of Remaining Party on a Novation							B4TYDEB6GKMZ0031MB27	Conditional; Required when Transaction Type is Novation-Trade or	
123	Existing	Lifecycle	901.e.1.i	N	Remaining Party (RP) Value	U or Remaining Party on a Novation	0	Text	200	0			B41YDEB6GKM2O031MB27	Conditional; Required when Transaction Type is Novation-Trade or Novation. Remaining Party must match either Trade Party 1 or Trade Party 2	
124	Existing	GTR	901.e.1.i	N	Transaction Type	The Type of Transaction being submitted, whether for a new submission or post subderverte.	R	Text	20	o		New Treatment of the second se	Trade		
												ValuationUpdate (not applicable for Snapshot Exit)			
125	Existing	Lifecycle	901.e.1.i	N	Transferee (EE) Prefix	Prefix for the value provided in the "Transferee (EE) Value" field	с	Text	40	0		Internal, LEI	LEI	Conditional; Required when Transferee (EE) Value is populated	
126	Existing	Lifecycle	901.e.1.i	N	Transferee (EE) Value	LEI of Step In Party on a Novation	с	Text	200	0			E570DZWZ7FF32TWEFA76	Conditional; Required when Transaction Type is Novation-Trade. Transferee must match either Trade Party 1 or Trade Party 2	
127	Existing	Lifecycle	901.e.1.i	N	Transferor (OR) Prefix	Prefix for the value provided in the "Transferor (OR) Value" field	с	Text	40	0		Internal, LEI	LEI	Conditional; Required when Transferor (OR) Value is populated	
128	Existing	Lifecycle	901.e.1.i	N	Transferor (OR) Value	LEI of Step Out Party on a Novation	с	Text	200	0			E570DZWZ7FF32TWEFA76	Conditional; Required when Transaction Type is Novation. Transferor must match either Trade Party 1 or Trade Party 2	
129	Existing	Secondary	901.g; 901.d.10; 901.e.2	N	υπ	Unique transaction Identifier assigned to a swap.	R	Text	200	0			ANC0303281458256864797248 698046		
130	Existing	GTR	902.c.7	N	Allocation Indicator	An indication that the swap is a post-allocation or a pre-allocation swap	0	Text	20	0		Pre-Allocation, Post Allocation	Pre-Allocation		
131	Existing	GTR	13n-5(b)(1)(ii)	N	Confirmation Type	Indicates if the PET or Confirmation submission is a paper document or an electronic document. "Not Confirmed" indicates a transaction that will not have a confirmation (i.e. internal trade).	R	Text	20	0		Exectronic, Non-Electronic, NotConfirmed	Electronic		
	Existing		13n-5(b)(1)(iii)	N	Data Submitter Prefix	Prefix for the value provided in the "Data Submitter value".	R	Text	40	0			LEI		
133	Existing	GTR	13n-5(b)(1)(iii)	N	Data Submitter Value	The LEI for the Submitter.	R	Text	200	0			B4TYDEB6GKMZ0031MB27		
	Existing		DDR required	Y	Action	This is a DTCC control field, which describes the action to be applied to the trade message.	R	Text	20	0		New, Modify, Cancel	New		
	Existing		DDR required	N	As of Date Time	This is the timestamp that the user is providing for the lifecycle event or new transaction.Denotes the business date and time of the snapshot	с	Text	20	0	YYYY-MM- DDTHH:MM:SSZ (UTC format)		2012-03-28T12:25:00Z	This field is required only for SNAPSHOT messages	This field is used by the SBSDR for sequencing to build the current state of the transaction record.
136	Existing	GTR	DDR required	N	Data Submitter Message Id	This field allows a client to submit their own message ID for internal purposes.	0	Text	50	0			123456ABC65A		
	Existing		DDR required	N	Message Type	This field will describe the type of TR message being submitted (Confirmation, PET, Realtime, Snapshot etc.).	R	Text	20	0		RT, PET, Confirm, Snapshot, PET-Confirm, Verification	Confirm		
138	Existing	GTR	DDR required	N	Pany 1 Reporting Obligation	This field dentifies the regulator the submittle has requested the message be set b.	1C	Text	50	0		SEC. SEC"	SEC	Either Reporting Obligation 1 or Reporting Obligation 2 must be populated	"SEC" is to support where SEC provides an exergion to the user for masking counterparty information for historical trades. Federal Register page 14522: "the Commission will consider requests for exemptions from the requirement under Aule 901(1) to report the identity of a counterparty with respec to historical security-based swaps."
139	Existing	ĠŢŖ	DDR required	N	Party 2 Reporting Obligation	This field dontifies the regulator the submitter has requested the message be ser by	*C	Text	50	0		SEC. SEC"	SEC	Either Reporting Obligation 1 or Reporting Obligation 2 must be populated	"SEC*" is to support where SEC provides an exemption to the user for masking counterparty information for historical trades. Federal Register page 145252: "the Commission will consider requests for exemptions from the requirement under Rule 901(1) to report the identity of a counterparty with respec to historical security-based swaps."
140	Existing	GTR	DDR required	N	sendTo	Used for routing messages to DTCC's GTR data centers.	0	Text	40	0		DTCCGTR, DTCCUS, DTCCEU, DTCCSG	DTCCUS		
	Existing		DDR required	N	Submitted For Prefix	The Prefix for the Submitted for Value	R	Text	40	0			LEI	Conditional, required if the Submitted for value is not "both"	
142	Existing	GTR	DDR required	N	Submitted For Value	The ID of the party the transaction is submitted for.	R	Text	200	0		Internal, LEI	7LTWFZYICNSX8D621K86		

Valid Product IDs

InterestRate:CapFloor

InterestRate:CrossCurrency:Basis

InterestRate:CrossCurrency:FixedFixed

InterestRate: CrossCurrency: FixedFloat

InterestRate:Exotic

InterestRate:FRA

InterestRate:IRSwap:Basis

InterestRate: IRSwap: FixedFixed

InterestRate: IRSwap: FixedFloat

InterestRate:IRSwap:Inflation

InterestRate:IRSwap:OIS

InterestRate:Option:DebtOption

InterestRate:Option:Swaption

- v1 Initial
- v2 removed confirmation platform id
- v3 removed 129 fields not currently supported in GTR for BF and DO
- added clearer prefix, broker id party 1/2 prefix, execution agent party 1 / 2 prefix,
- v4 trade party 1/ branch prefix fields, execution venue prefix
- v5 Removed Off Market Flag
- v5 Change Pricing Context from C to O; changed valid values.
- V5 Remove Branch Prefix and Value fields and replace with Branch ID Location
- v6 Branch ID Location column B changed to "New"