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Explanation of Global Trade Repository EMIR Public Data

The following tables provide aggregated market data on Over the Counter (OTC), Exchange Traded Derivative (ETD) and Listed Derivative traded off exchange trades that have been reported to DTCC Derivatives Repository Ltd (DDRL). These reports summarize aggregate transaction volumes, aggregate values and aggregate open positions per derivative class and counterparty region.

These publically available reports provide aggregated information for the full range of both cleared and non-cleared OTC, ETD and listed derivative traded off exchange, transactions in the Credit, Interest Rate, Commodity, Foreign Exchange and Equity asset classes.

The public reports provided in the following sections should not be used to estimate the global OTC/ETD market. DDRL is aware that market participants are able to report to different Trade Repositories and these reports are only representative of the population of trades reported to the DDRL Trade Repository reported under EMIR. Market values, notional values, open position volumes and quantities are representative of the data provided by clients of DDRL.

In preparing the reports, DDRL performs the following logic in calculating the notional and contract count. DDRL calculates the trade state for every position present in the system by summing the trade events that DDRL receives for that particular position. A position is represented by a Unique Trade Identifier (UTI) that uniquely identifies a contract between two parties. If both parties to a trade independently submit their side of a given contract to DDRL, the UTI will be common and will be used by DDRL as the primary mechanism for pairing the submissions. The UTI remains unique across all transactions regardless of asset class. The trade population for all public reports will include only trades submitted to DDRL for EMIR reporting.

In order to comply with its obligations under Art 19(b) of Commission Delegated Regulation (EU) No 150/2013 specifying the details of an application for registration as a Trade Repository to ensure DDRL has “procedures in place to verify the correctness of the information reported”, DDRL has implemented methodology to remove trades with obviously overstated notional values from its public reporting pending investigation with the reporting party. This filtering prevents erroneous reports with egregiously large notional values from unduly influencing the aggregate notional values per asset class reported pursuant to Art 1(c) of Commission Delegated Regulation (EU) No 151/2013.

There are three reports available for public disclosure for each asset class for OTC, ETD and Listed derivatives traded off exchange. These reports are compiled and published weekly with a report date as of the each prior Friday. The reports are collated as of the specified reporting date using the submitted data provided by our clients.

Table 1: A breakdown of the aggregate open positions per derivative class (Article 1.1.a of Commission Delegated Regulation 151/2013)

This report is split in two sections. The first section is the aggregate of the total notional value of trades split by asset class, against OTC, ETD and Listed derivatives traded off exchange. The second section is the number of trades split by asset class, against OTC, ETD and Listed derivatives traded off exchange. In order to avoid duplication the Single-sided EEA, Single-sided non-EEA and Dual Sided trade values are separated in both sections.

Table 2: A breakdown of aggregate transaction volumes per derivative class (Article 1.1.b of Commission Delegated Regulation 151/2013)

This report is split into three sections. The first section is the sum of new trades reported during the relevant period. The second section is the notional value of the new trades reported during the relevant period. The third section is the quantity (number of new contracts) reported during the relevant period. In order to avoid duplication the Single-sided EEA, Single-sided non-EEA and Dual Sided trade values are separated in all sections.

Table 3: A breakdown of aggregate values per derivative class (Article 1.1.c of Commission Delegated Regulation 151/2013)

This report provides the sum of absolute market values, provided by the client, split out by asset class for all open/outstanding trades. In order to avoid duplication the Single-sided EEA, Single-sided non-EEA and Dual Sided trade values are separated in all sections.

Key Definitions

Venue of Execution (common data field 10 as per the ESMA RTS) – trades are separated into reports for OTC, ETD and listed derivatives traded off exchange. OTC trades are referenced as those in which venue of execution is populated as XXXX, ETD trades are referenced as those in which the venue of execution is populated with a MIC code as per the ISO 10383 MIFID Database (see “External Data Sources” below), and listed derivatives traded off exchange are those for which the venue of execution is, not populated with a MIC code as per the ISO 10383 MIFID Database (see “External Data Sources” below), or populated XXXX. This classification is made solely for the purpose of aggregate public data and may differ from the definition of OTC in the ESMA Q&A.

Aggregate Notional - is the sum of the notional values (common data field 14 as per the ESMA RTS) for all live trades in the DDRL Trade Repository, submitted for reporting under EMIR. Aggregate notional value is calculated per trade, not per trade side. For example, an Interest Rate swap with a notional of €10 million is reported as one contract and €10 million gross notional, as opposed to two contracts worth €20 million. The notional values are represented as EUR equivalents using the prevailing foreign exchange rates. It should be noted that the notional values provided in the tables do not reflect the market price of the trades and may not reconcile with mark-to-market values. Absolute notional value is used. If a negative notional value is populated, it shall be considered as an absolute value for the purpose of aggregate public reports.

The notional values are represented as EUR equivalents using the prevailing foreign exchange rates (see “External Data Sources” below). It should be noted that the notional values provided in the tables do not reflect the market price of the trades and may not reconcile with mark-to-market values.

Aggregate Market Value - is the sum of the absolute market values (common data field 17 as per the ESMA RTS) supplied to DDRL by the Client. If there are negative and positive values supplied for example -200, -100, 100 and 200, the sum of the absolute values will be 600 and not 0. In order to avoid duplication the Single-sided EEA, Single-sided non-EEA and Dual Sided trade values are separated in all sections.

Number – the sum of all new UTIs of EMIR reportable derivative trades during the relevant period

Quantity – the sum of common data field 16 as per the ESMA RTS during the relevant period

Single-Sided EEA - Identified as trades where the TR has one side and will report this as aggregated numbers and the counterparty is domiciled in the EEA.

Single-Sided non-EEA - Identified as trades where the TR has one side and will report this as aggregated numbers and the counterparty is domiciled outside of the EEA.

Single-Sided - Unknown - Identified as trades where the TR has one side and will report this as aggregated numbers and the counterparty domicile is unavailable.

Dual-sided - Identified as trades where both sides are within the TR. For dual-sided trades where only one side reports valuation data, that valuation data has been used. For dual-sided trades where both counterparties report valuation data, only the seller's valuation data has been used. The total notional for dual-sided trades has been halved to show the actual outstanding notional for all unique UTIs.

External Data Sources:

Foreign Exchange Rates: Interactive Data Corporation: (www.interactivedata.com).

MIC Codes ISO 10383: MIFID Database:

(http://mifidatabase.esma.europa.eu/Index.aspx?sectionlinks_id=23&language=0&pageName=REGULATED_MARKETS_Display)