

| Column | Type | Description |
|------------------------|---------------|---|
| level6askorder | INT | The order count for each ask level |
| level1askquantity | DECIMAL(22,9) | Quantity of Ask |
| impd_ind | STRING | Indicates if record is implied (Y/N) |
| level5bidquantity | DECIMAL(22,9) | Quantity of bid |
| level2askorder | INT | The order count for each ask level |
| level2bidprice | DECIMAL(22,9) | Bid price/rate |
| level4bidorder | INT | The order count for each bid level |
| level2biddisplayprice | STRING | Level 2 Bid Price in CME Globex Price Format |
| level1bidorder | INT | The order count for each bid level |
| level4biddisplayprice | STRING | Level 4 Bid Price in CME Globex Price Format |
| level3askquantity | DECIMAL(22,9) | Quantity of Ask |
| level2askdisplayprice | STRING | Level 2 Ask Price in CME Globex Price Format |
| level8bidorder | INT | The order count for each bid level |
| tradedisplayprice | STRING | Trade Price in CME Globex display price Price Format |
| level6askdisplayprice | STRING | Level 6 Ask Price in CME Globex Price Format |
| level7bidquantity | DECIMAL(22,9) | Quantity of bid |
| level10askprice | DECIMAL(22,9) | Ask Price/Rate |
| level10biddisplayprice | STRING | Level 10 Bid Price in CME Globex Price Format |
| level4askdisplayprice | STRING | Level 4 Ask Price in CME Globex Price Format |
| level8askdisplayprice | STRING | Level 8 Ask Price in CME Globex Price Format |
| level5askquantity | DECIMAL(22,9) | Quantity of Ask |
| level9askdisplayprice | STRING | Level 9 Ask Price in CME Globex Price Format |
| level9askorder | INT | The order count for each ask level |
| level9bidquantity | DECIMAL(22,9) | Quantity of bid |
| totaltradedquantity | DECIMAL(22,9) | This is the cumulative quantity traded during the session |
| level7askprice | DECIMAL(22,9) | Ask Price/Rate |
| level6askprice | DECIMAL(22,9) | Ask Price/Rate |
| level2askprice | DECIMAL(22,9) | Ask Price/Rate |

| Column | Type | Description |
|--------------------------|---------------|--|
| level3askprice | DECIMAL(22,9) | Ask Price/Rate |
| level5askorder | INT | The order count for each ask level |
| transacttime | TIMESTAMP | Start Transaction Time of the last event security participated in. Sent as number is nanoseconds since Unix Epoch. |
| nanotime | INT | Transaction Times converted to Nano time |
| level3bidprice | DECIMAL(22,9) | Bid price/rate |
| level8biddisplayprice | STRING | Level 8 Bid Price in CME Globex Price Format |
| level9biddisplayprice | STRING | Level 9 Bid Price in CME Globex Price Format |
| level5biddisplayprice | STRING | Level 5 Bid Price in CME Globex Price Format |
| level6bidprice | DECIMAL(22,9) | Bid price/rate |
| level7bidprice | DECIMAL(22,9) | Bid price/rate |
| symbol | STRING | Symbol or Contract Name, can be specified, if serves as unique identifier |
| securityexchange | STRING | Market used to help identify an instrument |
| tradequantity | DECIMAL(22,9) | Quantity traded |
| inst_und_prod_typ | STRING | Indicates type of underlying security |
| hightradedisplayprice | STRING | Price of highest trade of session in CME Globex Display Price Format |
| level1biddisplayprice | STRING | Level 1 Bid Price in CME Globex Price Format |
| level7askquantity | DECIMAL(22,9) | Quantity of Ask |
| asset | STRING | Asset - Underlying asset code or Product Code |
| marketsegmentid | STRING | Identifies the market segment. Populated for all CME Globex instruments |
| level1askdisplayprice | STRING | Level 1 Ask Price in CME Globex Price Format |
| instrumentsequencenumber | STRING | Message Sequence Number |
| level7bidorder | INT | The order count for each bid level |
| level5askdisplayprice | STRING | Level 5 Ask Price in CME Globex Price Format |
| level2bidquantity | DECIMAL(22,9) | Quantity of bid |

| Column | Type | Description |
|-------------------------|---------------|--|
| tradeflag | STRING | Type of market data report |
| isuserdefinedinstrument | STRING | If instrument is user defined will contain 'Y'. Otherwise is not sent or contains 'N' |
| level4bidquantity | DECIMAL(22,9) | Quantity of bid |
| level10bidorder | INT | The order count for each bid level |
| lowtradeprice | DECIMAL(22,9) | Price of lowest trade of session |
| level9askquantity | DECIMAL(22,9) | Quantity of Ask |
| level4askorder | INT | The order count for each ask level |
| hightradeprice | DECIMAL(22,9) | Price of highest trade of session |
| level10askorder | INT | The order count for each ask level |
| level2askquantity | DECIMAL(22,9) | Quantity of Ask |
| level10bidquantity | DECIMAL(22,9) | Quantity of bid |
| level3bidorder | INT | The order count for each bid level |
| level1askorder | INT | The order count for each ask level |
| tradedate | DATE | Trade Session Date. Sent as number of days since Unix epoch (Jan. 1, 1970) local time. |
| level6bidquantity | DECIMAL(22,9) | Quantity of bid |
| level10askdisplayprice | STRING | Level 10 Ask Price in CME Globex Price Format |
| level10bidprice | DECIMAL(22,9) | Bid price/rate |
| tradeprice | DECIMAL(22,9) | Price at which trade executed |
| level6bidorder | INT | The order count for each bid level |
| level10askquantity | DECIMAL(22,9) | Quantity of Ask |
| level4askquantity | DECIMAL(22,9) | Quantity of Ask |
| underlyingproduct | STRING | Indicates the product complex |
| maturitymonthyear | STRING | This field provides the actual calendar date for contract maturity - month and year |
| level8askorder | INT | The order count for each ask level |
| level4askprice | DECIMAL(22,9) | Ask Price/Rate |
| level5askprice | DECIMAL(22,9) | Ask Price/Rate |
| level8askprice | DECIMAL(22,9) | Ask Price/Rate |
| currencycode | STRING | 3-character ISO 4217 Currency Code (e.g. JPY) |
| level1askprice | DECIMAL(22,9) | Ask Price/Rate |

| Column | Type | Description |
|-----------------------|---------------|---|
| securityid | STRING | Unique Security ID |
| level9askprice | DECIMAL(22,9) | Ask Price/Rate |
| level3askorder | INT | The order count for each ask level |
| level6biddisplayprice | STRING | Level 6 Bid Price in CME Globex Price Format |
| hour | INT | Hour message was received (Used internally to partition the dataset) |
| level8bidquantity | DECIMAL(22,9) | Quantity of bid |
| level7biddisplayprice | STRING | Level 7 Bid Price in CME Globex Price Format |
| level1bidprice | DECIMAL(22,9) | Bid price/rate |
| level8bidprice | DECIMAL(22,9) | Bid price/rate |
| level4bidprice | DECIMAL(22,9) | Bid price/rate |
| level5bidprice | DECIMAL(22,9) | Bid price/rate |
| level6askquantity | DECIMAL(22,9) | Quantity of Ask |
| level9bidprice | DECIMAL(22,9) | Bid price/rate |
| securitytype | STRING | Indicates type of security |
| volume | DECIMAL(22,9) | Calculate Trade Volume (Quantity x Ratio Multiplier) |
| level2bidorder | INT | The order count for each bid level |
| level3biddisplayprice | STRING | Level 3 Bid Price in CME Globex Price Format |
| atask | STRING | Used to identify whether the order initiator is an aggressor or not in the trade. |
| level5bidorder | INT | The order count for each bid level |
| level1bidquantity | DECIMAL(22,9) | Quantity of bid |
| level3bidquantity | DECIMAL(22,9) | Quantity of bid |
| level7askorder | INT | The order count for each ask level |
| level9bidorder | INT | The order count for each bid level |
| level3askdisplayprice | STRING | Level 3 Ask Price in CME Globex Price Format |
| level7askdisplayprice | STRING | Level 7 Ask Price in CME Globex Price Format |
| lowtradeddisplayprice | STRING | Price of lowest trade of session in CME Globex Display Price Format |
| level8askquantity | DECIMAL(22,9) | Quantity of Ask |

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