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FactSet Tick History Data Model

Version 1.0F

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Revision History

Effective Date	Version Number	Sections	Changes Made
03/29/2021	1.0A	Initial release	
10/06/2022	1.0B	3.4 FactSet Exchanges	Added exchange code: 10052/10794
03/02/2023	1.0C	Enhanced version	Time Zone corrected: ET to Local Time Combined table for Composite & Regional ISO Codes: 3.5.6
05/15/2023	1.0D	2.1 Field List	Added two field names (ISO and CCVOL) and updated text
		2.2 Field Enumerations	Updated text in various sections and tables
		2.2.6 Trade Conditions	Added the explanation that the first 3 characters including space should be ignored
			Removed SP00 – S&P 500 from the list
		3.2.2 Continuous Identifiers	Comprehensive updates to content of this section
		3.3. Options Identifier	
			Updated the entire exchange codes table
		3.4 FactSet Exchanges	Removed Appendix A: Produce Codes and Appendix C: Start Dates for Exchanges.
		Appendices A & C	
07/24/2023	1.0E	Appendix A Trade Conditions	Updated the table
07/15/2024	1.0F	Minute Bar Data	Multiple spelling corrections. Added field descriptions. Removed CEP. Added Field List Minute Bars: 2.2

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Document Organization and Audience

This document provides an understanding of the data available through the FactSet Data Model. This document describes the data and is a companion to the FactSet Tick History DataFeed API manual, which describes the methodology.

- Chapter 1 – Introduces general concepts, terminology, and field types

- Chapter 2 – Lists all the fields and their enumerations

- Chapter 3 – Outlines FactSet symbology with examples of common symbols, Exchange Composites, Market and Index movers and Exchange Rollover timing

- Appendices – Contains FactSet standard enumerations (e.g., character, currency, and exchange codes)

1 Introduction

1.1 The FactSet Tick History Data Model

The FactSet Tick History Data Model is a standard utilized by the application. This document includes information on fields, field types, field encodings, and data fields for various types of data.

There are two offerings:

- Level 1 Tick History which contains trade and BBO (Best Bid and Offer) quote messages since 1/1/2012 across the 300+ exchanges and third-party suppliers FactSet integration into our ticker plant. If a trade condition code is not in the real-time feed, then it will not update in Tick History. It will be carried from inception when it's introduced into our real-time feed. Please note that Tick History offers unadjusted price history and file delivery is compressed (.gz).

- Tick History Minute Bars is a summary of transactions that occur during a specified time interval. For trades and quotes FactSet has produced historical 1 minute bar data for equities and futures back to 1/1/2012. Please note that a bar is only generated when there are eligible trades or quotes during the bar. If no eligible trade or quote, then a bar is not generated for that minute. Tick History Minute Bars offers unadjusted price history and file delivery is compressed (.gz).

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2 Field List and Enumerations

2.1 Field List Level 1

This table contains Field Names and their descriptions, with a total of 48 fields available.

Table 1: Field Names and Descriptions

Field Name	Type	Description
TICKER	String	Ticker symbol of the instrument
ISO_CODE	String	FactSet Exchange ISO-Code
DATE	Date	Indicates the date of the last update to the record.
TIME	Integer	Indicates the timestamp at FactSet ticker plant (in local exchange time)
MSG_TYPE	Character	FactSet Message Type Table
SEQUENCE	Integer	Exchange sequence number. Comes from the exchange if they provide a sequence #.
PRODUCT	Enumeration	FactSet Exchange Product code
BID	Price	Bid price
BID_TIME	Time	Exchange timestamp bid time (in local exchange time)
BID_VOL	Integer	Bid size
BID_EXCH	Enumeration	FactSet Exchange code for bid price
ASK	Price	Ask price
ASK_TIME	Time	Exchange timestamps ask time (in local exchange time)
ASK_VOL	Integer	Ask size
ASK_EXCH	Enumeration	FactSet Exchange code for ask price
LAST_PRICE	Price	Last trade price
LAST_DATE	Date	Last trade date
LAST_TIME	Time	Exchange timestamp last trade time (in local exchange time)

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Field Name	Type	Description
LAST_VOL	Integer	Last trade volume
LAST_EXCH	Enumeration	FactSet Exchange code official trade occurred
MID	Price	Mid-price
MID_TIME	Time	Mid-price time
CVOL[1] [2]	Integer	Cumulative volume (not for composite exchange codes – see list in Section 3.5)
VWAP	Price	Exchange Volume Weighted Average Price
YIELD_PRICE	Price	Yield Price
BENCHMARK_YIELD	Price	Benchmark Yield
BENCHMARK_SPREAD	Price	Benchmark Spread
CURRENT_YIELD	Decimal	Current Yield
TRADE_CONDITION	String	Trade Condition Codes (see Appendix A)
REPORTING_SIDE	String	Reporting Side
ASK_YIELD	Decimal	Ask Yield
BID_YIELD	Decimal	Bid Yield
VENUE	String	Venue
BUY_ID	String	Buy ID
MID_YIELD	Decimal	Mid Yield
ORDER_CODE	String	Exchange Order Code. Field appears in trade messages and are unique for each ticker for each day. In cancel and corrected messages, where it is used to match the original trade in need of cancelation or correction.

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[1] CUM_VOL values for indices are divided by unit 1000

[2] Trades that do not count toward CVOL generally have any of the following Trade Conditions: 165 Previous Day Trade, 43 Market Open, 44 Market Close, 350 Market on Close, and/or 24 Trade Through Exempt, hence why their LAST_VOL should not be summed in the reconciliation.

Field Name	Type	Description
SELL_ID	String	Sell ID
TRADED_PRICE	Decimal	Field Not In Use
TRADED_VOL	Integer	Field Not In Use
TRADED_CONDITION	String	Field Not In Use
TRADED_YIELD	Decimal	Field Not In Use
ORIG_SEQUENCE	Integer	Original Sequence. Deprecated field. It may have been populated in history but it's no longer used.
SECURITY_TYPE	String	Security Type
SECURITY_STATUS	String	Security Status or Halt Indicator (Trade Flag)
MSG_BITMASK	Integer	Exchange Message Bitmask
ORDER_NUM	Integer	FactSet Unique System Generated Number (by Symbol). Used to order ticks chronologically; it's a way to order ticks if they were ever unsorted because you could have multiple records with the exact same time stamp.
ISO	String	FactSet Exchange ISO regional exchanges
CCVOL	Integer	Composite Cumulative Volume - see Section 3.5 for composite exchanges

2.2 Field List Minute Bars

This table contains Field Names and their descriptions, with a total of 12 fields available trade minute bars.

Table 1: Field Names and Descriptions for Trade Minute Bars

Field Name	Type	Description
TICKER	String	Ticker symbol of the instrument
ISO_CODE	String	FactSet Exchange ISO-Code
DATE	Date	Indicates the date: YYYYMMDD
TIME	Integer	Timestamp representing the start of the minute bar, e.g., HHMMSS.sss
TRADE_OPEN	Price	Price of first trade in bar
TRADE_HIGH	Price	Highest price of trades in bar
TRADE_LOW	Price	Lowest price of trades in bar
TRADE_CLOSE	Price	Price of last trade in bar
TRADE_VOLUME	Integer	Sum of shares traded in bar
SECURITY_TYPE	String	Security Type, e.g., equity, future
TRADE_NUMBER	Integer	Count of number of trades in bar
TRADE VWAP	Price	Volume Weighted Average Price: (Price x Volume)/ Volume total

This table contains Field Names and their descriptions, with a total of 12 fields available quote minute bars.

Table 2: Field Names and Descriptions for Quote Minute Bars

Field Name	Type	Description
TICKER	String	Ticker symbol of the instrument
ISO_CODE	String	FactSet Exchange ISO-Code
DATE	Date	Indicates the date: YYYYMMDD
TIME	Integer	Timestamp representing the start of the minute bar, e.g., HHMMSS.sss
BID_OPEN_PRC	Price	Price of first trade in bar
BID_CLOSE_PRC	Price	Price of last bid in bar
BID_SUM_VOL	Price	Sum of shares in bid quotes
ASK_OPEN_PRC	Price	First ask price in bar
ASK_CLOSE_PRC	Price	Price of last ask in bar
ASK_SUM_VOL	Integer	Sum of shares in ask quotes
COUNT	Integer	Count of number of quotes in minute bar
MEDIAN_SPREAD	Price	Median value of the bid and the ask prices in minute interval

2.3 Field Enumerations

The following table defines the enumerated fields from the field list table, sorted by FIDs. The numerical values in the table column are references to the corresponding enumerated values.

Table 2: Field Enumerations

Field Name	Table	Description
Product	1	Product Code Table
MSG_TYPE	2	Message Type Table
EXCHANGE	5	FactSet Exchange Enumeration Table
BID_EXCH	5	FactSet Exchange Enumeration Table
ASK_EXCH	5	FactSet Exchange Enumeration Table
LAST_EXCH	5	FactSet Exchange Enumeration Table
SECURITY_TYPE	3	Security Type Table
SECURITY_STATUS	4	Security Status Table
TRADE_CONDITION	6	Trade Condition Enumeration Table

2.3.1 Product Codes

Refer to Section 3.4, Table 11 for Product Code description and mapping to respective ISO codes.

2.3.2 Message Types

The following table shows the message types and their descriptions.

Table 3: Message Types

MSG_TYPE	Description	MSG_TYPE	Description
0	TRADE	**10**	LONDON_QUOTE
1	QUOTE	**11**	MARKET_UPDATE
2	TRADE_CANCEL	**12**	TREASURY_MESSAGE
3	TRADE_CORRECTION	**14**	TRADING_ACTION
4	COMMODITY UPDATE	**15**	BBO_QUOTE

5	INDEX_UPDATE	16	TREASURY
6	FOREX_QUOTE	17	BOND_TRADE
7	OPRA_TRADE	19	TRADE_BBO
8	OPRA_QUOTE	20	OPRA_BBO_QUOTE
9	LONDON_TRADE	27	BLOCK_TRADE

2.3.3 Security Types (Not Mandatory)

The following table shows the security types and their descriptions.

Table 4: Security Types

Value	Description	Value	Description
1	Equity Incl Common, Preferred	48	Forward Rate Agreements
2	From SIAC, Used for selected hybrid instruments	49	Spot Price at EOD
3	US Regionally listed securities	50	EOD Benchmark Bonds
4	Generic Open and Closed End Funds	51	Swap Index Contracts
5	Futures Contracts	52	Market Wide Circuit Breakers
6	US Unit Investment Trusts –DebtUIT_DEBT	53	Retail Loan Pricing
7	OPTION	54	Alternative Investment Product
8	Indices	55	Company Option
9	US Money Market Funds	56	Bond Spread
10	US Unit Investment Trusts - Equity	57	Tullet Asset Spreads
12	Corporate Bonds	58	FINRA TRACE 144A Bonds
13	Government Treasury Bond Prices only (Benchmarks)	59	Evaluated Bonds
14	US OTC Pink Sheets (Non-NASDAQ OTC); Trades are reported to FINRA (not Pink Sheets OTC)	60	Options on Futures
15	Global Market Statistics (Advancers, Decliners, Exchange Volume, etc.)	61	Exchange Traded Managed Funds

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16	Global Market Movers	62	Commodity Prices (Non-Futures)
17	US OTC Bulletin Board	63	Test Symbol
18	CASH_ISO identifiers	64	Agency Pass-Through and SBABacked Securities to be Announced
19	Exchange rates from Telekurs, Tullett	66	Agency Pass-Through and SBABacked Securities traded in specified pool transactions
21	FactSet-sourced data; includes Spot prices, LME Warehouse levels, MMA Muni Bond Yields	65	Asset Backed Securities
22	Tullett Forward Forex Rates, IMM Forward Rates	67	Collateralized Mortgage Obligations
23	MMA Municipal Bond Yields: currently MMA rates are listed under Issue Type 2	68	ETF Statistics
24	Government Treasury Bond Yields only (Benchmarks) Value Description	69	Cryptocurrency Value Description Value Description
25	US Yankee CD, US Domestic CD, Cash Deposits (US) from Treasury Marker; Global Cash Deposits and Clearer CDs from Moneymaker	70	Coins
26	US Fed Funds Rate, US Broker Reference Rate, US Prime Rate, US Discount Rate, US 11th District Funds, IBOR Rates, Commercial Paper, Repos, Banker's Acceptances	71	Metals
27	Short-term Government Securities (per country convention)	72	Investment Certificates
28	Medium-term Government Securities (per country convention)	74	OTC Rates Forward
29	Long-term Government Securities (per country convention)	75	OTC Rates Option
30	Government Strips	76	OTC FX Forward
31	US Government Agency Bonds (Fannie Mae, Ginnie Mae, Freddie Mac)	77	OTC FX Option
32	US Mortgage-Backed Securities	78	OTC FX Swap
33	Swap Rates (Interest Rate, Currency Basis)	79	OTC Equity Swap
34	Global Inflation Protected Securities; U.S. TIPS, UK Inflation-Indexed Gifts, OATSi (France)	80	OTC Equity Option
35	Global Consumer Price Index (currently US only)	81	OTC Equity Forward
36	International OTC issues (Not related to EOTC pricing in MiFID)	82	OTC Credit Swap

2.3.4 Security Status (Trade Flags) – Exchange Generated

The following table shows the security status of trade flags that are exchange generated and their descriptions.

Table 5: Security Status (Trade Flags) – Exchange Generated

Value	Description	Value	Description
0	Trade and Quotes are active	12	Influx of Orders
1	Opening Delay	13	Volatility Pause
2	Trade Halt	14	Other
3	Trading resumed	15	Ex-Dividend
4	No Open / No Resume	16	Ex-Distribution
5	Deleted	17	Ex-Rights
6	Quote Halt	18	New
7	Quotes Resumed	19	Ex-Interest
8	Order Imbalance	20	Market Closed
10	News Pending	25	Inactive
11	News Dissemination		

2.3.5 **Exchange Codes**

Refer to Chapter 3.4 for the list of FactSet Exchange Codes and their mapping to ISO codes.

2.3.6 **Trade Conditions**

Refer to Appendix A for description on the trade conditions. Multiple trade conditions for a trade are separated by a space.

Note: The first numeric value, i.e., the first 3 characters including space, in the trade condition field can be disregarded as it is not part of the trade condition.

In the following example, the condition value "01 2 94 24" in the trade condition field should be interpreted as:

- **01<space>** : Kindly ignore
- **2**: Intermarket Sweep
- **24**: Trade through Exempt
- **94**: Odd Lot

3   FactSet Symbology and Data Privacy

3.1   Introduction

FactSet Symbology is built on the basis that a unique identifier can be created with the combination of a local ticker code and a FactSet Exchange Code (for example, VOD-LON). The local ticker identifies the security while the FactSet Exchange Code identifies the exchange where the Ticker is trading.

3.2   Futures Identifiers

FactSet future identifiers contain a unique root, codes for dates, and the FactSet Exchange Code. For the latest futures symbology details and list of the futures roots symbols, please visit Online Assistant Page 16279 and click on hyperlink FactSet Futures Roots and Exchange Table Shortcuts.

The Roots tab contains a description, parent exchange, continuous contract. *Please note that start year is NOT the Tick History start year and should be ignored.*

The Exchange Table tab contains the exchange, exchange name, composite ISO_Code if available, and other relevant information. *Please ignore earliest history start month and start year as this does NOT pertain to Tick History start dates.*

Some root symbols may only contain end-of-day price history, which cannot be retrieved using FactSet's Tick History products. Please see Table 11 (Section 3.4 FactSet Exchanges) for more information on futures exchanges that only have EOD data.

 The symbology for a futures contract is as follows:

```
Root + 1-letter month code + 2-digit year code + FactSet Exchange Code
```

Example: CCH20-USA represents a contract or cocoa (CC), that expired in March (H) of 2020 (20), and that traded on the ICE Futures U.S. exchange.

Table 6: 1-letter Month Code

FactSet Symbology	Month
F	January
G	February
H	March
J	April
K	May
M	June
N	July
Q	August
U	September
V	October

FactSet Symbology	Month
X	November
Z	December

Table 7: 2-digit Year Code

FactSet Symbology	Year
18	2018
19	2019
20	2020
Nn	20nn

Additional examples:

- ESU20-CME represents the day session of the E-mini index future contract that trades on the Chicago Mercantile Exchange and expires in September of 2020.
- CLZ20-USA represents the composite record (combines the day and night sessions of the NYM and NYME) for the contract for Light Crude Oil, expiring in December of 2020.

3.2.1 Timed Identifiers

Timed identifiers are an alias to return the near-term contract for a futures Contract. For example, ES.1 retrieves the contract that is currently trading but closest to expiration. ES.2 retrieves the second contract closest to expiration.

Potential use case: FactSet studying the current contract and any other timed identifier in the series, e.g. ES00 to ES.2 comparison throughout history

3.2.2 Continuous Identifiers

Continuous Futures are constructed by archiving the price of individual Futures contracts into one continuous series of prices. Since continuous Futures do not expire, they are useful to use in charts. The identifier for continuous futures is root00, where root is the contract root. For example, SP00 represents the continuous Futures contract symbol for S&P 500.

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The current underlying contract for a continuous Futures will rollover based on open interest and previous cumulative volume. Sometime before the current continuous contract expires, the open interest and previous cumulative volume for the current and next five contracts are compared. If a new contract has the highest open interest and previous cumulative volume, it will become the continuous contract; otherwise the current contract does not change.

This process is repeated until a new contract has the highest open interest and previous cumulative volume, or until the current contract expires. At which point the new contract with the highest open interest becomes the continuous contract. If two or more contracts have the same open interest, then the one with the highest previous cumulative volume becomes the continuous contract.

The continuous futures for some of the major equity index futures do not follow this methodology. Instead of comparing open interest and previous cumulative volume, these continuous Futures will roll to the new contract eight calendar days before the expiration of the current continuous contract.

The continuous futures methodology is as follows:

- ES00 – E-Mini S&P 500

- ND00 – NASDAQ 100

- NQ00 – E-Mini NASDAQ 100

- YM00 – E-Mini Dow

3.3   Options Identifiers

3.3.1   FactSet's Option Symbology (Add US Options vs All Other Equity Options)

Options Identifiers

You can view data for an option in FactSet's real-time displays by entering the options identifier. The following section provides additional information on options identifiers and how each is constructed.

The Options Clearing Corporation (OCC) introduced the Options Symbology Initiative (OSI), effective 12-Feb2010. The OSI is an industry-wide plan to replace the old three- to five-character option symbol with a longer, more descriptive, option symbol. For more details on the Options Symbology Initiative, see Understanding the 2010 Options Symbology page on the Investopedia website.

FactSet supports the following options symbology formats:

FactSet Option Symbology (FOS)

This option symbol is a unique FactSet-generated symbol with the following syntax:

```
Underlying Symbol +. + Region + # + Call/Put Indicator + Four Alphanumeric Characters
+ - + ISO
```

Note: For index options, the region will be replaced with the exchange code. Four Alphanumeric Characters in the syntax is randomly generated when the symbol is created to ensure the option symbol is unique on FactSet.

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Example: The following is the FactSet Option Symbol for the Microsoft November 2009 26 Call option

```
MSFT.US#CKIV0-USA
```

FactSet's Version of the Options Clearing Corporation's (OCC) OSI Series Key

This option symbol has up to 21 alphanumeric characters (excluding -ISO and # sign) and uses the following syntax:

```
Underlying Symbol + # + Expiration Year + Expiration Month + Expiration Day +
Call/Put Indicator + Five-Digit Strike Dollar + Three-Digit Strike Decimal + -
+ ISO
```

Example: The following is he OCC's fully consolidated OSI Symbol for the Microsoft November 2009 26 Call option:

```
MSFT#091121C00026000-USA
```

FactSet's Version of the Options Price Reporting Authority's (OPRA) OSI Series Key

This option symbol has up to 17 alphanumeric characters (excluding the -ISO and #) and uses the following syntax:

```
Underlying Symbol + # + Call/Put Expiration Month Code + Expiration Day +
Expiration Year + Decimal Indicator + Strike Price + - + ISO
```

Example: The following is OPRA's fully consolidated OSI Symbol for the Microsoft November 2009 26 Call option:

```
MSFT#K2109D260000-USA
```

Table 8: Call / Put Expiration Month Code

Month	Call
January	A
February	B
March	C
April	D
May	E
June	F
July	G
August	H
September	I
October	J
November	K

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December   L

Table 9: Decimal Indicator

Decimal Indicator Code	Decimal Value
A	10
B	100
C	1000
D	10000
E	100000

Legacy Option Symbol

This is the current three- to five-character option symbol (e.g., MSQ#KA). Any non-expired options as of 12Feb-2010 will continue to be supported, in addition to the new formats stated above, in the legacy option symbol format, but only through the options' expiration date. Any new options listed on or after 12-Feb-2010 will only be supported in the new option symbol formats.

For displays in the FactSet Workstation that use real-time options data, the FactSet Option symbol (FOS) and the OCC OSI symbol formats are supported; however, they will resolve to OPRA's OSI symbol format as that is the symbol sent in the real-time feed.

FactSet's Options on Futures Symbology

This option symbol is a combination of FactSet-generated and exchange-specific symbology with the following syntax:

```
Option Root + Futures Month Code and Year* + # + Expiration Date (YYMMDD) + Call/
Put Indicator (C or P) + Strike Price (11 digits total first 5 are for whole
number of the strike price the final 6 numbers are for the fractional part of the
strike price) + - + ISO**
```

Example: The following is the FactSet Options on Futures symbol for December Corn Futures 8.50 Call:

```
OZCZ2#221125C00008500000-CBTE
```

Note: * IDs from Eurex, LIF (MATIF), MRV, OSE, and SIM will not have a Month code and year as part of the root.

Example: December Bund 155.5 Call:

```
OGBL#221125C00155500000-EUR
```

Note: ** Options Data details exchange coverage and ISOs.

Table 10: Futures Month Codes

FactSet Symbology	Month
F	January
G	February
H	March
J	April
K	May
M	June
N	July
Q	August
U	September
V	October
X	November
Z	December

3.3.2   FactSet's Option Symbology

Symbology convention:

```
    Root +. + Region + # + P or C (for Put or Call) + randomly generated four
character alphanumeric code + - + Exchange
```
Example: RACE.IT#P7Y8J-DMI is a Ferrari NV put option traded on Italian Derivatives Options (DMI) with a strike price of 188 that expires on 21-June-2024.

3.3.3   FactSet's Options of Futures Symbology

The FactSet Option on Futures symbology is based on the Globex Exchange symbol:

```
    Globex option root from the exchange + 1-letter future month code (see section 5.4)
+ 1-digit year code + # + 6-digit option expiration date (YYMMDD) + P/C + 11digit strike
price (6 decimals) + Exchange ISO
```
Example: LNEK31#310425C00002700000-NYME, is the May 2031 Natural Gas Futures Call Options expiring on 25th of April 2031 with a $2.70 strike price.

Example: LOZ30#301115P00093000000-NYME which is the Dec 2030 Crude Oil Futures Put Options expiring on 15th Nov 2030 with a $93.00 strike price.

3.4   FactSet Exchanges

FactSet use the term Exchange, not just regarding the regulated markets, such as the London Stock Exchange, but also for any entity that can distribute market data. Therefore, FactSet Exchanges can be various reporting venues.

The following table shows the list of FactSet Exchange Codes:

CODE – LAST EXCHANGE FIELD - Kindly refer to the ISO field

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
4	10050	SWX	SIX Swiss Exchange	0900	1730	Europe/Zurich
5	12291	BRN	Berne Xchange	0900	1730	Europe/Zurich
6	10011	BRU	Euronext Brussels	0900	1830	Europe/Brussels
8	9104	NYME	New York Mercantile Exchange (Electronic Session)	0930	1600	America/New_York
12	10070	CSE	Copenhagen Stock Exchange	0900	1700	Europe/Copenhagen
13	10020	FRA	Frankfurt Stock Exchange (Floor Trades)	0800	2200	CET
14	10021	DUS	Dusseldorf Sock Exchange	0800	2200	Europe/Berlin
15	10022	MUN	Munich Stock Exchange	0800	2200	Europe/Berlin
16	12388	STU	Stuttgart Stock Exchange	0800	2200	Europe/Berlin
17	10023	HAM	Hamburg Stock Exchange	0800	2200	Europe/Berlin
18	10024	BER	Berlin Stock Exchange	0800	2200	Europe/Berlin
19	10025	HAN	Hannover Stock Exchange	0800	2200	Europe/Berlin
21	10080	EUR	Eurex Futures	0900	2000	CET
25	10010	PAR	Euronext Paris	0900	1830	Europe/Paris
26	10091	LIF	Euronext Equity and Index Derivatives	0900	1730	Europe/Paris
34	10060	ATH	Athens Stock Exchange	1030	1700	Europe/Athens
36	10001	LON	London Stock Exchange UK Domestic	0800	1630	Europe/London
38	10013	AMS	Euronext Amsterdam	0900	1830	Europe/Amsterdam
40	10072	HEL	Helsinki Stock Exchange	1000	1830	Europe/Helsinki
42	10033	DMI	Italian Derivatives Futures	0800	1730	Europe/Rome

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
44	10026	ETR	XETRA	0900	1730	Europe/Berlin
46	10030	MIL	Milan Stock Exchange	0900	1730	Europe/Rome
47	12080	LUX	Luxembourg Stock Exchange	0900	1735	CET
48	10071	OSL	Oslo Exchange	0900	1630	Europe/Oslo
50	10027	WBO	Vienna Stock Exchange	0915	1735	Europe Vienna
51	10012	LIS	Euronext Lisbon	0800	1730	Europe/Lisbon
53	10073	OME	Nasdaq OMX Stockholm Equities	0900	1700	Europe/Stockholm
54	10040	MCE	Spanish Markets (MCE)	0900	1730	Europe/Madrid
55	10040	MAD	Madrid Stock Exchange	0900	1730	Europe/Madrid
56	10040	BAR	Barcelona Stock Exchange	0900	1730	Europe/Madrid
57	10040	BIL	Bilbao Stock Exchange	0900	1730	Europe/Madrid
58	10040	VAL	Valencia Stock Exchange	0900	1600	Europe/Madrid
61	10000	TSE	Toronto Stock Exchange	0930	1600	America/Toronto
63	10003	TSX	Toronto TSX Ventures Exchange	0930	1600	Canada/Eastern
77	10003	BOS	Nasdaq OMX BX			
78	9005	PHLX	Nasdaq OMX PHLX	0930	1600	America/New_York
80	12000	MEX	Mexican Stock Exchange	0730	1400	America/Mexico_City
82	12020	BUE	Buenos Aires Stock Exchange	1100	1700	America/Buenos_Aires
83	12010	BSP	Sao Paulo Stock Exchange	1000	1655	America/Sao_Paulo
84	12030	SGO	Santiago Stock Exchange	0930	1600	Chile/Continental
85	9660	BOG	Colombia Stock Exchange	0930	1600	America/Bogota

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
87	12114	PTY	Panama Stock Exchange			
92	10009	MOD	Montreal Exchange Futures	0600	1615	Canada/Eastern
93	11121	BUL	Bulgarian Stock Exchange	1000	1730	Europe/Sofia
94	11122	BUL	Bulgarian Stock Exchange Indices	1000	1730	Europe/Sofia
100	12100	JSE	Johannesburg Stock Exchange	0900	1700	Africa/Johannesburg
101	9669	NAI	Nairobi Stock Exchange	0930	1500	Africa/Nairobi
103	11130	TAI	Taiwan Stock Exchange	0900	1330	Asia/Taipei
104	11100	HKG	Stock Exchange of Hong Kong	0930	1600	Asia/Hong Kong
105	10160	TAE	Tel Aviv Stock Exchange	1100	1825	Asia/Jerusalem
106	11000	TKS	Tokyo Stock Exchange	0900	1500	Asia/Tokyo
107	11000	OSE	Osaka Securities Exchange Futures	0900	1500	Asia/Tokyo
108	12200	PHS	Philippines Stock Exchange	0930	1530	Asia/Manila
109	10150	IST	Istanbul Stock Exchange	1000	1810	Europe/Istanbul
110	12068	BEY	Beirut Stock Exchange			
111	11200	ASX	ASX	1000	1610	Australia/Sydney
112	11000	JAS	JASDAQ	0900	1500	Asia/Tokyo
113	11102	HKF	Hong Kong Derivatives Futures			Asia/Hong Kong
114	11150	BOM	BSE India	0915	1530	Asia/Calcutta
115	11150	TFF	Tokyo Financial Exchange			
116	11250	NZE	New Zealand Stock Exchange	1000	1700	Pacific/Auckland
117	11160	BKK	Stock Exchange of Thailand	0955	1630	Asia/Bangkok

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
118	11001	FKA	Fukuoka Stock Exchange	0900	1530	Asia/Tokyo
120	11110	SES	Singapore Exchange	0900	1705	Asia/Singapore
121	11002	SAP	Sapporo Stock Exchange	0900	1530	Asia/Tokyo
122	11003	NGO	Nagoya Stock Exchange	0900	1530	Asia/Tokyo
123	11140	KRX	Korea KRX Exchange	0900	1530	Asia/Seoul
126	10041	MRV	Spanish Derivatives Futures	0900	1730	Europe/Madrid
127	10041	MEF	Spanish Derivatives Futures	0900	1730	Europe/Madrid
130	10041	OTC	OTC Bulletin Board			
135	10041	NYFE	New York Board of Trade (Night Session)	0930	1600	America/New York
143	11120	KLS	Bursa Malaysia	0900	1700	Asia/Kuala Lumpur
144	11115	SIM	Singapore Exchange Derivatives	0740	0200	Asia/Singapore
145	10004	DUB	Euronext Dublin	0630	1715	Europe/Dublin
146	11170	JKT	Indonesia Stock Exchange	0900	1600	Asia/Jakarta
147	11170	BMF	BM&F Sao Paulo Exchange – Derivatives			America/Sao Paulo
148	10002	FX1	FX Rates	0930	1730	America/New York
149	10002	FX1	FX Rates	0930	1730	America/New York
151	9102	CBT	Chicago Board of Trade	0930	1600	America/New York
152	9101	CME	Chicago Mercantile Exchange	0930	1600	America/New York
153	9103	NYM	New York Mercantile Exchange (COMEX)	0930	1600	America/New_York
154	9100	NYF	New York Board of Trade (NYBOT)	0930	1000	America/New_York
155	9113	KBT	Kansas City Board of Trade – Pit Session	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
160	9104	NYM	New York Mercantile Exchange	0930	1600	America/New_York
167	10074	OMX	Nasdaq OMX Derivatives Futures			Europe/Stockholm
170	10130	PRA	Prague Stock Exchange	0900	1630	Europe/Prague
185	12076	DHA	Dhaka Stock Exchange			Asia/Dubai
212	12201	LME	London Metal Exchange	0900	1630	Europe/London
213	10120	BUD	Budapest Stock Exchange	0900	1700	Europe/Budapest
214	12060	SHE	Shenzhen Stock Exchange	0930	1500	Asia/Shanghai
215	12061	SHG	Shanghai Stock Exchange	0930	1500	Asia/Shanghai
216	9664	KAR	Karachi Stock Exchange	0930	1715	Asia/Karachi
217	9663	COL	Colombo Stock Exchange	0930	1430	Asia/Colombo
218	9013	PINX	OTC Markets - Consolidated	0900	1600	America/New_York
222	10005	FTX	FTSE Indices UK	0600	2015	Europe/London
235	9101	CMEE	Chicago Mercantile Exchange (Globex-Extended Session)	0930	1600	America/New_York
243	10110	WAR	Warsaw Stock Exchange	0900	1700	Europe/Warsaw
257	12016	TRQX	Turquoise	0800	1630	Europe/London
258	12016	TRQX	Turquoise – Second Listing	0800	1630	Europe/London
272	12215	LON	London Stock Exchange European Markets	0800	1630	Europe/London
278	9689	HKO	Hong Kong Derivatives Options			Asia/Hong_Kong
284	9689	RMZ	RMS System			
286	11161	BKF	Bangkok Foreign Board	1000	1630	Asia/Bangkok
290	11162	BKK	Bangkok Last Paid			

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
294	9665	LJU	Ljubljana Stock Exchange	0830	1500	Europe/Ljubljana
299	12349	CYS	Cyprus Stock Exchange	1030	1700	Europe/Nicosia
301	12349	RUS	RTS Derivatives			
304	10140	BSE	Bucharest Stock Exchange	0945	1800	Europe/Bucharest
305	10140	MCE	Spanish Markets			
310	9200	DJX	Dow Jones Indices	0930	1600	America/New_York
311	11000	TKS	Tokyo Off Hour Single Issue Trading	0900	1500	Asia/Tokyo
313	9667	ZAG	Zagreb Stock Exchange	0900	1630	Europe/Zagreb
324	11000	TKS	Tokyo Off Hour Fixed Price Trading	0900	1500	Asia/Tokyo
325	11000	TKS	Tokyo Off Hour Basket Trading	0900	1500	Asia/Tokyo
326	11151	NSE	National Stock Exchange of India	0915	1530	Asia/Calcutta
327	11007	JSD	JSDA Off Board	0900	1500	Asia/Tokyo
328	12119	TUN	Tunis Stock Exchange			
329	12070	BOT	Botswana Stock Exchange			
331	12107	NAM	Namibian Stock Exchange			
333	12099	LUS	Lusaka Stock Exchange			
334	12116	SWA	Eswatini Stock Exchange			
336	11143	KRX	Korea KRX Exchange KOSPI Futures	0900	1545	Asia/Seoul
340	12376	KUW	Kuwait Stock Exchange	0900	1230	Asia/Kuwait
345	9638	WAR	Warsaw Stock Exchange Derivatives Futures	0900	1700	Europe/Warsaw
346	12485	TFF	Tokyo Financial Exchange			Asia/Tokyo

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
348	12067	BDA	Bermuda Stock Exchange			
353	10006	STX	STOXX Indices	0800	1900	CET
358	11141	KRX	Korean KRX Exchange KOSDAQ	0900	1530	Asia/Seoul
359	11201	SFE	ASX24 Futures	1000	1600	Australia/Sydney
368	12103	MAU	Mauritius Stock Exchange			
369	9668	NSA	Nigerian Stock Exchange	1015	1430	Africa/Lagos
370	10075	ICE	Nasdaq OMX Iceland Equities	0930	1530	Atlantic/Reykjavik
372	11135	ROCO	Taipei Exchange	0900	1500	Asia/Taipei
379	9847	STC	Ho Chi Minh Stock Exchange	0915	1430	Asia/Saigon
394	12202	LMEE	London Metal Exchange Select	0800	1630	Europe/London
396	10093	LIF	Euronext Derivatives Commodities	0900	1730	Europe/Paris
397	10090	LIF	Euronext Currency Derivatives	0900	1730	Europe/Paris
399	10014	ENX	Euronext Indices	0900	1830	Europe/Paris
428	10015	BBA	British Bankers Association	1200	1630	CET
457	10016	EBF	European Banking Federation	0800	1630	Europe/Berlin
503	12378	SAU	Saudi Arabia Stock Exchange	1000	1530	Asia/Riyadh
507	10008	LON	London Stock Exchange International	0800	1630	Europe/London
516	10028	ETR	XETRA US Stars	0900	1730	Europe/Berlin
522	12122	ZIM	Zimbabwe Stock Exchange			
523	12075	DAR	Dar Es Salaam Stock Exchange			
525	12109	NEP	Nepal Stock Exchange			

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
526	12096	JAM	Jamaica Stock Exchange			
528	10029	ETR	XETRA European Stars	0900	1730	Europe/Berlin
529	11101	HKX	Hang Seng Indices	0930	1600	Asia/Hong_Kong
541	9685	ZOTC	Zagreb OTC Trade Reporting	0900	1630	Europe/Zagreb
549	10108	MIC	MICEX	0700	1930	Europe/Moscow
550	12111	NWTC	Norwegian OTC Market			
564	10100	RUS	Russian Trading System	0930	2350	Europe/Moscow
565	10106	RUS	Russian Trading System	0930	1700	Europe/Moscow
566	10105	RUS	Russian Trading System	0700	2329	Europe/Moscow
571	12110	NGM	Nordic Growth Market			
580	11116	FTX	FTSE STI Indices (Singapore)	0900	1710	Asia/Singapore
581	10055	FTX	FTSE Global Indices (APAC Region – China)	0930	1612	Asia/Shanghai
583	10055	FTX	FTSE Global Indices (APAC Region – Taiwan)	0900	1330	Asia/Taipei
585	10005	FTX	FTSE Indices Italia	0900	1745	Europe/Rome
587	10056	FTX	FTSE Global Indices (US Region)	0800	1600	America/New_York
588	10055	FTX	FTSE Global Indices (APAC Region - Japan)	0930	1900	Japan
593	9106	CBF	Cboe Futures Exchange	0800	1615	America/New_York
595	10055	FTX	FTSE Global Indices (APAC Region - Thailand)	0650	1700	Asia/Bangkok
596	10057	FTX	FTSE Global Indices (Gulf Standard Time)	1000	1415	Asia/Dubai
597	12101	SAF	Johannesburg Derivatives (SAFEX)	0900	1700	Africa/Johannesburg

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
598	10057	FTX	FTSE Global Indices (Arabian Standard Time)	0900	1230	Asia/Kuwait
677	12081	LUX	Luxembourg Stock Exchange Indices	0900	1735	CET
684	10002	FX1	Forex Forward Rates	0000	2359	America/New_York
699	12230	PLU	Aquis Stock Exchange (old NEX Exchange)	0800	1630	Europe/London
709	12205	LME	London Metal Exchange - Steel	0800	1630	Europe/London
710	12205	LMEE	London Metal Exchange – Steel Select	0800	1630	Europe/London
717	11004	OSE	Osaka Securities Exchange Futures	0845	1515	Asia/Tokyo
746	9848	HSTC	Hanoi Stock Exchange	0900	1500	Asia/Saigon
747	10206	IOTC	Ireland OTC Trade Reporting	0800	1730	Europe/Dublin
758	10210	WOTC	Vienna Transparent Trade Reporting II APA Service	0900	1730	CET
759	10210	WOTC	Wiener Bourse AG OTC Trades - USD	0900	1730	CET
770	9450	BUD	Budapest Stock Exchange Derivatives Options	0900	1630	Europe/Budapest
773	10209	MOTC	Milan OTC Trades	0900	1730	Europe/Rome
776	9724	BRA	Bratislava Stock Exchange			Europe/Bratislava
786	9014	NLI	NYSE Liffe	0930	1600	America/New_York
788	9102	CBTE	Chicago Board of Trade (Electronic Session)			America/New_York
803	9666	BEL	Belgrade Stock Exchange	0800	1600	Europe/Belgrade
805	9113	KBTE	Kansas City Board of Trade - Electronic	0930	1600	America/New_York
806	9201	DJX	Dow Jones Total Market Indices	0930	1600	America/New_York
807	10018	BAX	Baltic Exchange	0200	0900	Europe/London

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
825	11163	TFEX	Thailand Futures Exchange Futures	0900	1700	Asia/Bangkok
826	12510	BOM	BSE India Derivatives Futures	0955	1530	Asia/Calcutta
830	10031	XEX	Deutsche Bourse - XETRA Indices & ETFs	0900	1730	Europe/Berlin
846	10165	DUMX	Dubai Mercantile Exchange	0000	0000	America/New_York
847	10208	CHIX	Cboe Europe Equities CXE	0800	1730	Europe/London
854	9502	BSP	Sao Paulo Stock Exchange - Options	1000	1700	America/Sao_Paulo
855	12536	ASX	ASX Derivatives Futures	1000	1700	Australia/Sydney
859	12475	TKT	Tokyo Commodity Exchange			
873	10203	UOTC	Euronext APA Service	0900	1830	CET
874	10204	SOTC	Nasdaq Stockholm APA Service	0900	1730	CET
876	10205	NOTC	Oslo Bors APA Service	0900	1730	CET
877	10205	NOTC	Oslo Bors APA Service	0900	1730	CET
878	10203	UOTC	Euronext Off-Exchange Trade Reports - Other currencies	0900	1830	CET
882	10215	COTC	Cboe BXTR Trade Reporting Service	0715	1730	Europe/London
883	10140	BSE	Bucharest Stock Exchange Deal-Driven	0800	1630	Europe/Bucharest
888	9512	OSE	Osaka Securities Exchange - Futures and Options	0900	1500	Asia/Tokyo
900	12300	WMR	WM Reuters Rates			Europe/London
1026	9887	ZAG	Zagreb Stock Exchange MTF	0900	1630	Europe/Zagreb
1080	12543	BSE	Bucharest CAN-ATS	0945	1800	Europe/Bucharest
1174	9938	BRN	BX Berne - BX World	0900	1730	Europe/Zurich

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
1565	9849	TQEX	Turquoise Europe	0800	1630	Europe/Amsterdam
1567	9849	TQEX	Turquoise Europe Lit Auctions	0800	1630	Europe/London
1571	9979	TQEX	Turquoise Europe Lit Auctions	0800	1630	Europe/Amsterdam
1605	9651	BSE	Bucharest Stock Exchange Indices	0945	1800	Europe/Bucharest
2779	12542	TGAT	Tradegate	0800	2200	Europe/Berlin
2795	10211	EQT	Equiduct			America/New_York
2976	12072	CAY	Cayman Islands Stock Exchange			
3127	11006	NKX	Nikkei Indices	0900	1500	Asia/Tokyo
3304	12277	EBF	EBF Euribor Rates	1100	1630	CET
6293	12016	TRQX	Turquoise Swapmatch	0800	1630	Europe/London
6672	12016	TRQX	Turquoise Nylon Cleared Contract	0800	1630	Europe/London
7181	12016	TRQX	Turquoise Dark	0800	1630	Europe/London
7364	9063	HSTC	Hanoi Stock Exchange - UPCOM	0900	1500	Asia/Saigon
7400	9063	BJSE	Beijing Stock Exchange			
7470	9849	TQEX	Turquoise Europe Lit Auctions	0800	1630	Europe/London
7471	9849	TQEX	Turquoise Europe Nylon Cash	0800	1630	Europe/London
7472	9849	TQEX	Turquoise Europe Dark	0800	1630	Europe/London
7473	9849	TQEX	Turquoise Europe	0800	1630	Europe/London
9000	10200	BLOX	BlockMatch			Europe/London
9500	10822	MOD	Montreal Exchange Options on Futures Market Statistics			America/Montreal
9949	9940	FDS	FactSet Economics - ICIS Plastics			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
9954	9954	FXP	Financial Express			Europe/London
9955	9452	MIC	Moscow Exchange Currencies	0700	2359	Europe/Moscow
9956	9753	AMS	Euronext Amsterdam Warrants			Europe/Amsterdam
9957	9754	BRU	Euronext Brussels Warrants			Europe/Brussels
9958	9755	LIS	Euronext Lisbon Warrants			Europe/Lisbon
9959	9756	PAR	Euronext Paris Warrants			Europe/Paris
9960	9453	TRO	T Rowe Custom ETF Baskets			America/New_York
9961	9454	NSE	NSE of India Derivatives - Futures			Asia/Calcutta
9962	9455	NSE	NSE of India Derivatives - Options			Asia/Calcutta
9964	9457	NSE	NSE of India Currency Derivatives			Asia/Calcutta
9966	9460	NSE	NSE of India Derivatives - Options on Futures			Asia/Calcutta
9968	9462	NSE	NSE of India Currency Derivatives - Options on Futures			Asia/Calcutta
9969	11318	LIPA	Lienhardt & Partner Contributed Data			CET
9970	9318	CSE2	Canadian Securities Exchange CSE2			Canada/Eastern
9971	9183	SAF	JSE Currency Derivatives - Options			Africa/Johannesburg
9972	9184	SAF	JSE Currency Derivatives - Futures			Africa/Johannesburg
9973	12425	MIL	Euronext Milan Equities			Europe/Rome
9974	12427	MOT	Euronext Milan Fixed Income			Europe/Rome
9975	12429	SEDX	Euronext Milan Securitized Derivatives			Europe/Rome
9976	12431	DMI	Euronext Milan Derivatives Futures			Europe/Rome

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
9977	12432	DMI	Euronext Milan Derivatives Options			Europe/Rome
9978	12433	DMI	Euronext Milan Derivatives Options Statistics			Europe/Rome
9980	12434	MTAH	Euronext Milan Global Equity Market After Hours			Europe/Rome
9981	12436	GEM	Euronext Milan Global Equity Market			Europe/Rome
10000	9000	FDS	FactSet Sourced Data			America/New_York
10001	9400	TU1	Tullett TreasuryMarker – U.S. Benchmarks and Key Rates			Asia/Calcutta
10002	9420	OTC	FINRA TRACE Corporate Bond Feed	0200	2300	America/New_York
10003	9425	FDS	Municipal Market Advisors			America/New_York
10004	9720	PRA	Prague Stock Exchange Indices	0900	163+0	Europe/Prague
10005	10052	SHG	China Indices (CIIS)	0930	1500	Asia/Shanghai
10006	9721	SHG	Shanghai Stock Exchange Indices	0930	1500	Asia/Shanghai
10007	9722	KRX	Korea KRX General Market Indices	0900	1530	Asia/Seoul
10008	9723	BEL	Belgrade Stock Exchange Indices			Europe/Belgrade
10009	0900	MIO	Miami International Securities Exchange - OPRA Indices			America/New_York
10010	9974	FDS	Norway NIBOR Rates			Europe/Oslo
10011	9686	NSE	National Stock Exchange of India Indices			Asia/Calcutta
10012	9733	MGE	Minneapolis Grain Exchange Level 1			America/New_York
10013	9734	MGE	Minneapolis Grain Exchange Options on Futures			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10014	9735	MGE	Minneapolis Grain Exchange Option Statistics			America/New_York
10016	9688	MIC	Moscow Exchange Fixing Rates	0700	1930	Europe/Moscow
10017	9752	NASC	Nasdaq Basic Canada			America/Toronto
10018	9758	ISEF	Euronext Dublin Bond and Fund			Europe/Dublin
10019	9759	OSL	Oslo Nordic ABM			Europe/Oslo
10020	9654	BSP	Sao Paulo Stock Exchange Options on Futures			America/Sao_Paulo
10021	9655	BSP	Sao Paulo Stock Exchange Options on Futures Market Stats			America/Sao_Paulo
10024	9658	OSE	Osaka Securities Exchange Options on Futures			Asia/Tokyo
10025	9659	OSE	Osaka Options on Futures Market Statistics			Asia/Tokyo
10026	9181	OTCM	OTC Markets	0930	1600	America/New_York
10029	12065	BAB	Barbados Stock Exchange			
10030	12066	BCL	Chile Electronic Exchange			
10031	12069	BNV	Costa Rica Stock Exchange			
10032	12073	CIE	Channel Islands Stock Exchange			
10033	12077	DSX	Damascus Securities Exchange			
10034	12078	GHA	Ghana Stock Exchange			
10035	12079	GSCI	Guyana Association of Securities Companies and Intermediaries			
10036	12094	GUA	Guayaquil Stock Exchange			

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10037	12095	IQS	Iraq Stock Exchange			
10038	12098	LSM	Libyan Stock Market			
10039	12104	MNT	Montevideo Stock Exchange			
10040	12105	MNX	Montenegro Stock Exchange			
10041	12106	MSW	Malawi Stock Exchange			
10042	12108	NEC	National Stock Exchange of Australia			
10043	12112	PAE	Palestine Securities Exchange			
10044	12113	PFTS	PFTS Stock Exchange			
10045	12118	TRN	Trinidad and Tobago Stock Exchange			
10046	12121	ULA	Mongolian Stock Exchange			
10050	9002	NAS	Nasdaq	0930	1600	America/New_York
10051	9002	OTC	NASD OTC MarketStats	0930	1600	America/New_York
10052	9002	ADF	Nasdaq ADF (SIAC & NASD)	0930	1600	America/New_York
10053	9001	CBO	NYSE - Cboe Regional	0930	1600	America/New_York
10055	9001	ISE	NYSE - Nasdaq ISE Regional	0930	1600	America/New_York
10056	9005	C2O	Cboe C2 Options Exchange	0930	1600	America/New_York
10057	9005	EMLD	MIAX Emerald			America/New_York
10058	10237	RUX	FTSE RussellTick (RUX)	0100	2359	America/New_York
10059	9180	MSX	MSCI Indices	1900	1730	GMT
10060	12499	PHL	Nasdaq Global Index Dissemination Service (PHLX Indices)	0800	1730	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10061	12538	USA	Nasdaq Global Index Dissemination Service (USA)	0815	1945	America/New_York
10062	9656	TU10	Tullett Global Risk Free Rates			America/New_York
10064	9160	SPX	S&P Indices (FactSet Calculated)	0930	1600	America/New_York
10065	10105	RUS	Russian Trading System (RTS)	0700	2329	Europe/Moscow
10066	10107	RUS	Moscow Exchange Derivatives Futures	0700	2350	Europe/Moscow
10067	10106	RUS	Russian Trading System Order Driven Market	0700	2329	Europe/Moscow
10068	12383	FTX	FTSE/JSE Indices	0830	1700	Africa/Johannesburg
10069	9002	ADF	NASD TRF	0930	1600	America/New_York
10070	9001	ADF	National TRF	0930	1600	America/New_York
10071	9013	PINQ	OTC Markets (Raw)	0930	1600	America/New_York
10072	9403	TU2	Tullett Prebon MoneyMarker Rates	0400	2100	America/New_York
10074	10108	MIC	Moscow Exchange Equities	0700	2350	Europe/Moscow
10075	9001	BATS	NYSE - Cboe BZX US Equities Regional	0930	1600	America/New_York
10076	12416	OMX	Nasdaq Global Index Dissemination Service (OMX)	0130	1700	Europe/Stockholm
10080	12504	BLX	Nasdaq Global Index Dissemination Service (Baltic Indices)	0300	0930	America/New_York
10084	10103	UAX	Ukrainian Stock Exchange	1030	1700	Europe/Kiev
10085	10161	RIS	Nasdaq OMX Baltic Riga Equities	0900	1630	Europe/Riga
10086	10162	TAL	Nasdaq OMX Baltic Tallinn Equities	0900	1630	Europe/Tallinn
10087	10163	LIT	Nasdaq OMX Baltic Vilnius Equities	0900	1630	Europe/Vilnius

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10088	12050	LIM	Lima Stock Exchange	0830	1510	America/Lima
10089	10036	OMGA	Omega ATS Level 1	0930	1600	Canada/Eastern
10090	10037	OMGA	Canada CDF Omega Level 2	0930	1600	Canada/Eastern
10091	10038	CHIC	Nasdaq CXC Toronto-Listed Securities Level 1	0830	1700	Canada/Eastern
10092	10039	CHIC	Canada CDF CHI-X Level 2	0830	1700	America/Toronto
10093	10042	PURE	Canadian Securities Exchange - PURE Level 1	0900	1700	Canada/Eastern
10094	10043	PURE	Canadian Securities Exchange - PURE Level 2	0900	1700	Canada/Eastern
10095	10044	ATS	TMX Alpha TSX-Listed	0930	1600	Canada/Eastern
10096	10045	BSTR	Cboe BZX US Equities Exchange Level 1	0930	2045	America/New_York
10097	10046	BATE	Cboe Europe Equities BXE Level 1	0800	1730	Europe/London
10098	10047	XEX	Deutsche Boerse ETFs and Indices	0900	1630	Europe/Berlin
10099	9000	FDS	FDS Spot Prices			
10103	10019	FTX	FTSE Bursa Malaysia Indices	0830	1930	Asia/Kuala_Lumpur
10104	10035	FTX	FTSE Real Time Total Return Index			
10106	11304	ILB	ICE Benchmark Silver Fixing			Europe/London
10107	9406	TU1	Tullett Global Benchmarks			America/New_York
10108	9407	TU1	Tullett Treasury Marker			
10109	9408	TU3	Tullett Asian Benchmarks			America/New_York
10110	9409	TU4	Tullett Latin America Bonds			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10112	9405	TU2	Tullett Prebon Enhanced MoneyMarker Rates			America/New_York
10113	10065	NASQ	Nasdaq Basic (Nasdaq-Listed)	0930	1600	America/New_York
10114	10066	NASQ	Nasdaq Basic (NYSE-Listed)	0930	1600	America/New_York
10115	10067	NASQ	Nasdaq Basic (NYSE American-Listed)	0930	1600	America/New_York
10116	11117	SIMD	Singapore Exchange Derivatives Futures (Day Session)	0740	1930	Singapore
10117	11118	SIME	Singapore Exchange Derivatives Futures (Second Session)	2015	0200	Singapore
10118	11103	HKFD	Hong Kong Derivatives Futures (Day Session)	0715	2150	Asia/Hong_Kong
10119	11104	HKFE	Hong Kong Derivatives Futures (Second Session)	0715	2150	Asia/Hong_Kong
10120	9953	SHE	Shenzhen Stock Exchange Indices	0930	1500	Asia/Shanghai
10121	9412	TU3	Tullett Prebon Global Money Package - APAC IRS			America/New_York
10122	9413	TU6	Tullett Prebon Global Money Package - EMEA IRS			America/New_York
10123	9414	TU4	Tullett Prebon Global Money Package - Latin America IRS			America/New_York
10124	9411	TU2	Tullett Prebon MoneyMarker Rates - FX Forwards			America/New_York
10125	9417	TU4	Tullett Emerging Markets Benchmarks (Local)			America/New_York
10126	9418	TU3	Tullett Emerging Markets Benchmarks (Local) - AP			America/New_York

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10127	10248	LUX	Luxembourg Stock Exchange Warrants			CET
10128	10249	EMTF	Euro MTF Warrants			CET
10129	12440	TVTC	Tel Aviv Stock Exchange OTC			Israel
10130	12441	IBXX	iBoxx Indices	0900	2200	Europe/Berlin
10131	12442	CBO	Cboe Global Indices - Morningstar Indices			America/New_York
10132	12443	CBO	Cboe Global Indices - Morningstar Custom Indices			America/New_York
10133	9320	KAR	Pakistan Stock Exchange Indices			Asia/Karachi
10181	9957	TU2	Tullett FX Rates			America/New_York
10182	9725	EMLD	MIAX Emerald Options Statistics			America/New_York
10183	9726	TSX	Toronto Stock Exchange TMX Indices - TSX			America/Toronto
10184	9727	BATS	ICE Data Services Global Index Feed (BATS)			America/New_York
10185	9976	RUS	Moscow Exchange FX Fixing Rates	0700	2329	Europe/Moscow
10186	9977	JPMB	JP Morgan Fixed Income			America/New_York
10187	9051	ADE	Athens Exchanges Derivatives - Futures			Europe/Athens
10188	9052	ADE	Athens Exchanges Derivatives - Options			Europe/Athens
10189	9053	ADE	Athens Exchanges Derivatives - Options Market Statistics			Europe/Athens
10190	9056	SAF	JSE Derivatives - Options			Africa/Johannesburg
10191	9057	SAF	JSE Derivatives - Options Market Statistics			Africa/Johannesburg
10192	9058	TAF	Taiwan Futures Exchange - Futures			Asia/Taipei
10193	9059	TAF	Taiwan Futures Exchange - Options			Asia/Taipei

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10194	9060	TAF	Taiwan Futures Exchange - Options Market Statistics			Asia/Taipei
10195	9061	TAF	Taiwan Futures Exchange - Options on Futures			Asia/Taipei
10196	9062	TAF	Taiwan Futures Exchange - Options on Futures Market Statistics			Asia/Taipei
10197	9980	HSTC	Hanoi Stock Exchange - UPCOM EOD			Asia/Saigon
10198	9068	ATS	TMX Alpha TSXV-Listed			Canada/Eastern
10200	11300	USA	NYSE Market Stats			America/New_York
10201	11301	USA	Nasdaq Market Stats			America/New_York
10211	9888	FDS	Czech PRIBOR Rates (24 hour delay)			CET
10212	9889	FDS	Poland WIBOR Rates			CET
10213	11303	ILB	ICE Benchmark Gold Fixing			Europe/London
10215	9904	LOTC	London Stock Exchange Tradecho Other APA			Europe/London
10298	9767	QTX	Quotrix			CET
10305	9657	MUNC	Munich Gettex			CET
10324	12117	TEH	Tehran Stock Exchange			
10339	12071	BRV	Ivory Coast Stock Exchange			
10357	12102	MAL	Malta Stock Exchange			
10398	10231	KRX	Korea KRX Group 2 Indices	0900	1530	Asia/Seoul
10411	9737	ADS	FTSE ADX Indices			Asia/Dubai

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10428	11316	ZKBX	Zurcher Kantonal Bank Multi-Contribution Feed			CET
10497	9410	HMTF	MTF	0800	2300	Europe/Rome
10532	9419	SHG	Shanghai Stock Exchange Options			Asia/Shanghai
10533	9421	CFFX	China Financial Futures Exchange Futures			Asia/Shanghai
10537	9422	CFFX	China Financial Futures Exchange Options			Asia/Shanghai
10570	11123	ONE	Cboe One	0930	1600	America/New_York
10610	10166	OMX	Nasdaq Commodities Indices			Europe/Stockholm
10637	9907	KMUX	Zurcher Kantonal Bank Securities Exchange			CET
10638	9908	CFFX	China Financial Futures Exchange			
10639	9909	BNFX	Bitfinex			America/New_York
10640	9910	SOTC	Nasdaq OMX Nordic Equity APA			CET
10641	9911	SOTC	Nasdaq OMX Nordic Derivatives APA			CET
10642	9912	SOTC	Nasdaq OMX Nordic Fixed Income APA			CET
10643	9913	SOTC	Nasdaq OMX Commodities APA			CET
10644	9914	SOTC	Nasdaq OMX Baltic APA			CET
10645	9920	BMEA	BME APA			CET
10646	9921	AAPA	Athens Exchange APA			CET
10745	9761	JPMB	JP Morgan Fixed Income - Europe			America/New_York
10746	9762	JPMB	JP Morgan Fixed Income - Asia			America/New_York
10747	9763	TU5	Tullett Enhanced Market Data - FX Options			America/New_York
10748	9764	TU5	Tullett Enhanced Market Data - FRNs			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10749	9765	TU5	Tullett Enhanced Market Data - CDS			America/New_York
10750	9766	TU5	Tullett Enhanced Market Data - Treasury Strips			America/New_York
10775	9925	MIC	Moscow Exchange Fixed Income	0700	1930	Europe/Moscow
10776	9926	SWR	SIX Swiss Reference Rates	0900	1730	Europe/Zurich
10777	9927	TAE	Tel Aviv Stock Exchange Derivatives Futures			Asia/Jerusalem
10778	9928	TAE	Tel Aviv Stock Exchange Derivatives Options			Asia/Jerusalem
10779	9929	TAE	Tel Aviv Stock Exchange Options Statistics			Asia/Jerusalem
10780	9930	OSE	Osaka Securities Exchange JGB Futures			Asia/Tokyo
10781	9931	OSED	Osaka Exchange Day Session - JGB Futures			Asia/Tokyo
10782	9932	OSEE	Osaka Securities Exchange JGB Futures (Electronic Session)			Asia/Tokyo
10783	10229	EMD	Mexican Derivatives Exchange Futures			America/Mexico_City
10784	10230	EMD	Mexican Derivatives Exchange Options			America/Mexico_City
10785	10232	VINX	Nasdaq VINX Indices	0900	1735	Europe/Stockholm
10786	10236	EMD	Mexican Derivatives Exchange Options Statistics			America/Mexico_City
10787	11305	LME	LME LBMA Platinum Fixing			Europe/London
10788	11306	LME	LME LBMA Palladium Fixing			Europe/London
10789	9404	TU1	Tullett Prebon US Treasuries			America/New_York
10790	9415	TU1	Tullett US TIPS Treasuries			America/New_York
10791	9416	TU1	Tullett Global Treasuries			America/New_York

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10793	9001	LTSE	NYSE - Long Term Stock Exchange Regional			America/New_York
10794	9002	LTSE	Nasdaq - Long Term Stock Exchange Regional			America/New_York
10795	9004	LTSE	NYSE American - Long Term Stock Exchange Regional			America/New_York
10796	9009	LTSE	NYSE Arca - Long Term Stock Exchange Regional			America/New_York
10797	9011	LTSE	Cboe BZX US Equities - Long Term Stock Exchange Regional			America/New_York
10798	9736	FDS	Swedish STIBOR Fixing Rate			CET
10799	9497	LIF	Euronext Derivatives Commodity Options			CET
10800	11315	HKG	Hong Kong Stock Exchange Third Party Indices		1600	Asia/Hong_Kong
10802	9962	DZCD	DZ Bank Contributed Data			Europe/Berlin
10803	9963	BNP	BNP Contributed Data			
10804	9964	BSAR	Bank Sarasin Contributed Data			Europe/Berlin
10805	9965	SARA	Bank Sarasin (Private Data)			Europe/Berlin
10806	9966	UBS	UBS Contributed Data			Europe/Berlin
10807	9967	UBCD	UBS Custom Exchange Contributions			America/New_York
10808	10252	LASZ	Lang & Schwarz Contributed Data			CET
10809	10111	OSL	Oslo Exchange Level 1 (Euronext)			Europe/Oslo
10810	10113	OSL	Euronext Oslo Exchange Derivatives - Futures Level 1			Europe/Oslo

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10811	10114	OSL	Euronext Oslo Exchange Derivatives - Options Level 1			Europe/Oslo
10812	10115	OSL	Euronext Oslo Exchange Derivatives - Options Statistics			Europe/Oslo
10813	10116	OSL	Euronext Oslo Exchange Fixed Income Level 1			Europe/Oslo
10814	10118	OSL	Euronext Oslo Exchange Securitized Derivatives Level 1			Europe/Oslo
10815	10121	OSL	Euronext Oslo Exchange Indices			Europe/Oslo
10816	12281	BSP	Sao Paul Stock Exchange Indices	0930	1815	America/Sao_Paulo
10817	12282	CBO	Cboe MSCI Indices			America/New_York
10818	9498	LIF	Euronext Derivatives Commodity Options Market Statistics			CET
10819	9463	STC	Ho Chi Minh Stock Exchange Indices	0915	1430	Asia/Saigon
10820	9464	HSTC	Hanoi Stock Exchange Indices	0900	1500	Asia/Saigon
10821	9499	MOD	Montreal Exchange Options on Futures			America/Montreal
10823	9467	HSTC	Hanoi Stock Exchange Derivatives	0900	1500	Asia/Saigon
10824	9302	DCE	Dalian Commodity Exchange Futures			Asia/Shanghai
10825	9303	DCE	Dalian Commodity Exchange Options			Asia/Shanghai
10826	9304	DCE	Dalian Commodity Exchange Indices			Asia/Shanghai
10827	9305	DCE	Dalian Commodity Exchange Options Statistics			Asia/Shanghai
10828	9306	TKT	Tokyo Commodity Exchange			Asia/Tokyo

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10829	9307	OSE	Osaka Securities Exchange Commodities Futures			Asia/Tokyo
10830	9308	OSE	Osaka Securities Exchange Commodities Options			Asia/Tokyo
10831	9309	OSE	Osaka Securities Exchange Indices			Asia/Tokyo
10832	9310	MRV	Spanish Derivatives Options on Futures	0900	1730	Europe/Madrid
10833	9311	NYME	New York Mercantile Exchange (COMEX) Electronic Futures			America/New_York
10834	9312	SHG	Shanghai Stock Exchange Options Statistics			Asia/Shanghai
10835	9313	CFFX	China Financial Futures Exchange Options Statistics			Asia/Shanghai
10836	9314	TKTD	Tokyo Commodity Exchange Day Session			Asia/Tokyo
10837	9315	TKTE	Tokyo Commodity Exchange Electronic Session			Asia/Tokyo
10838	9316	OSED	Osaka Securities Exchange Commodities Futures Day Session			Asia/Tokyo
10839	9317	OSEE	Osaka Securities Exchange Commodities Futures Electronic Session			Asia/Tokyo
10840	9073	TUR	Borsa Istanbul Futures and Options Market - Futures			Europe/Istanbul
10841	9074	TUR	Borsa Istanbul Futures and Options Market - Options			Europe/Istanbul
10842	9075	TUR	Borsa Istanbul Futures and Options Market - Option Stats			Europe/Istanbul
10843	9076	TFF	Tokyo Financial Exchange - Futures			Asia/Tokyo
10844	9077	TFF	Tokyo Financial Exchange - Options			Asia/Tokyo
10845	9078	TFF	Tokyo Financial Exchange Options Stats			Asia/Tokyo
10846	9079	SGE	Shanghai Futures Exchange - Futures			Asia/Shanghai

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
10847	9081	SGE	Shanghai Futures Exchange - Options			Asia/Shanghai
10848	9082	SGE	Shanghai Futures Exchange - Options Stats			Asia/Shanghai
10849	9083	IMC	Multi Commodity Exchange of India - Spot Market			Asia/Calcutta
10850	9084	IMC	Multi Commodity Exchange of India - Futures			Asia/Calcutta
10851	9085	IMC	Multi Commodity Exchange of India - Options on Futures			Asia/Calcutta
10852	9086	IMC	Multi Commodity Exchange of India - Options on Futures Stats			Asia/Calcutta
10853	9087	NCD	National Commodity and Derivatives Exchange Spot Market			Asia/Calcutta
10854	9088	NCD	National Commodity and Derivatives Exchange Futures			Asia/Calcutta
10855	9089	NCD	National Commodity and Derivatives Exchange Options on Futures			Asia/Calcutta
10856	9090	NCD	National Commodity and Derivatives Exchange Options on Futures Stats			Asia/Calcutta
10857	9091	ZCE	Zhengzhou Commodity Exchange Futures			Asia/Shanghai
10858	9092	ZCE	Zhengzhou Commodity Exchange Options on Futures			Asia/Shanghai
10859	9093	ZCE	Zhengzhou Commodity Exchange Options on Futures Statistics			Asia/Shanghai
10860	9072	CMET	Coin Metrics			America/New_York
10861	9094	LBP	IHS Markit Live Bond Pricing			America/New_York
10862	9095	UBBP	UBS Bond Port			Europe/Zurich
10863	9096	TUR	Borsa Istanbul Futures and Options Market - FX Options			Europe/Istanbul
11006	9006	OTC	FINRA OTC Bulletin Board	0930	1600	America/New_York
11007	9114	OTC	FINRA Other OTC	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
11008	9005	BOX	Boston Options Exchange	0930	1600	America/New_York
11009	9001	BATY	NYSE - Cboe BYX US Equities Regional	0930	1600	America/New_York
11010	9001	EDGA	NYSE - Cboe EDGA US Equities Regional	0930	1600	America/New_York
11011	9001	EDGX	NYSE - Cboe EDGX US Equities Regional	0930	1600	America/New_York
11012	9005	BATO	Cboe BZX Options Exchange			America/New_York
11013	9001	MEMX	NYSE - Members Exchange Regional			America/New_York
11014	9002	MEMX	Nasdaq - Members Exchange Regional			America/New_York
11015	9004	MEMX	NYSE American - Members Exchange Regional			America/New_York
11016	9009	MEMX	NYSE Arca - Members Exchange Regional			America/New_York
11017	9011	MEMX	Cboe BZX US Equities - Members Exchange Regional			America/New_York
11018	9001	EPRL	NYSE - MIAX PEARL Equities Regional			America/New_York
11019	9002	EPRL	Nasdaq - MIAX PEARL Equities Regional			America/New_York
11020	9004	EPRL	NYSE American - MIAX PEARL Equities Regional			America/New_York
11021	9009	EPRL	NYSE Arca - MIAX PEARL Equities Regional			America/New_York
11022	9011	EPRL	Cboe BZX US Equities - MIAX PEARL Equities Regional			America/New_York
11023	9978	UBS	UBS Contributed Data - Precious Metals			Europe/Berlin
11099	12190	USA	US Composite Pricing	0930	1600	America/New_York
11100	9001	NYS	New York Stock Exchange	0930	1600	America/New_York
11101	9004	ASE	NYSE American	0930	1600	America/New_York
11102	9001	BOS	NYSE - Nasdaq BX Regional	0930	1600	America/New_York
11103	9001	PHL	NYSE - Nasdaq PSX Regional	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
11104	9001	CHI	NYSE - NYSE Chicago Regional	0930	1600	America/New_York
11106	9001	PSE	NYSE - NYSE Arca Regional	0930	1600	America/New_York
11108	9001	CIS	NYSE - NYSE National Regional	0930	1600	America/New_York
11123	10145	FRA	NEWEX Frankfurt			CET
11125	9934	CBO	Cboe Data Services CMSI - FTSE			America/New_York
11126	9935	CBO	Cboe Data Services CMSI - iNAV			America/New_York
11127	9936	CBO	Cboe Data Services CMSI - Crypto Feed			America/New_York
11137	11308	CME	Bloomberg Commodity Indices (CME)			America/New_York
11138	11309	SFE	ASX24 Options on Futures			Australia/Sydney
11139	11310	SFEE	ASX24 Options on Futures (Evening Session)			Australia/Sydney
11140	11311	SFED	ASX24 Options on Futures (Day Session)			Australia/Sydney
11141	11312	SFE	ASX24 Options on Futures Statistics			Australia/Sydney
11142	11313	GSCD	Goldman Sachs Custom Baskets			America/New_York
11143	11314	JPCD	JP Morgan Custom Baskets			America/New_York
11144	10245	USA	US Composite Market Statistics			America/New_York
11145	9940	FDS	FactSet Economics Data			America/New_York
11146	9941	FDS	FactSet Economics - ICIS Aromatics			America/New_York
11147	9942	FDS	FactSet Economics - ICIS Base Oils			America/New_York
11148	9943	FDS	FactSet Economics - ICIS Biofuel Prices			America/New_York
11149	9944	FDS	FactSet Economics - ICIS Crude and Products			America/New_York
11150	9945	FDS	FactSet Economics - ICIS Fertilizers			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
11151	9946	FDS	FactSet Economics - ICIS Inorganics			America/New_York
11152	9947	FDS	FactSet Economics - ICIS Intermediates			America/New_York
11153	9948	FDS	FactSet Economics - ICIS Olefins			America/New_York
11155	9950	FDS	FactSet Economics - ICIS Solvents			America/New_York
11156	9951	FDS	FactSet Commodities Database			America/New_York
11157	10167	FINA	Finarbit A.G.			Europe/Zurich
11223	12059	DXE	Cboe Europe DXE			Europe/Amsterdam
11225	12057	CAPA	Cboe Europe Equities APA			Europe/Amsterdam
11226	11302	ASE	NYSE American Market Stats			America/New_York
11227	11302	FD0	Fundata			America/Montreal
11229	9731	SIM	Singapore Derivatives Option Statistics			Asia/Singapore
11230	9728	USA	BofA Merrill Lynch GFSI Indices			America/New_York
11231	9730	SIM	Singapore Derivatives Futures on Options (CommodityQuote)			Asia/Singapore
11232	9732	SIM	Singapore Derivatives Options on Futures (CommodityQuote) Statistics			Asia/Singapore
11233	9959	ECB	ESTR ECB			Europe/Berlin
11234	12207	JPMB	JP Morgan Fixed Income - US Treasuries			America/New_York
11235	12208	CBEX	CBOE UK Indices			Europe/London
11236	12209	CBEX	CBOE European Regional Indices			Europe/London
11237	12210	CBEX	CBOE EU Single Country Indices			Europe/London
11238	12216	TAF	Taiwan Futures Exchange			Asia/Taipei
12001	10201	LOTC	London Stock Exchange Tradecho UK	0800	1630	Europe/London

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12012	12230	POTC	Plus, Market			CET
12020	12372	ADS	Abu Dhabi Securities Exchange	1000	1600	Asia/Dubai
12021	12373	DFM	Dubai Financial Market	0930	1545	Asia/Dubai
12022	12375	AMM	Amman Stock Exchange	0830	1130	Asia/Amman
12024	12377	BAH	Bahrain Bourse	0930	1300	Asia/Bahrain
12026	12379	CAI	Egyptian Exchange	1000	1430	Africa/Cairo
12028	12380	MUS	Muscat Securities Market	1000	1400	Asia/Muscat
12029	12381	DSMD	Qatar Exchange	0930	1315	Asia/Qatar
12030	12382	CAS	Casablanca Stock Exchange	0810	1530	Africa/Casablanca
12031	12374	DIFX	Nasdaq Dubai	0930	1545	Asia/Dubai
12032	11317	FDS	Danish CIBOR Benchmarks			
12033	9958	NDEX	ICE Endex			Europe/London
12034	9598	BEKB	Berner Kantonal Bank Contributed Data			
12035	9599	VONB	Vontobel Contributed Data			
12036	9600	BJB	Bank Julius Baer			
12037	9601	CMZB	Commerz Bank Contributed Data			
12038	9602	DBXM	Deutsche Bank X-Markets			
12110	12130	MSRB	Municipal Securities Rulemaking Board	0900	1600	America/New_York
12112	9514	TFEX	Thailand Futures Exchange Options			Asia/Bangkok
12113	9505	DMI	Italian Derivatives Options			Europe/Rome
12114	9506	MRV	Spanish Derivatives Equity and Index Options	0900	1730	Europe/Madrid

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12116	9508	WAR	Warsaw Stock Exchange Derivatives Options	0900	1700	Europe/Warsaw
12133	12311	CSE	Nasdaq OMX Copenhagen Fixed Income	0830	1700	Europe/Copenhagen
12134	12312	HEL	Nasdaq OMX Helsinki Fixed Income	0730	1900	Europe/Helsinki
12135	12313	OME	Nasdaq OMX Stockholm Fixed Income	0730	1830	Europe/Stockholm
12136	12314	ICE	Nasdaq OMX Iceland Fixed Income	0930	1530	Europe/Stockholm
12137	12315	RIS	Nasdaq OMX Baltic Riga Fixed Income	0730	1900	Europe/Riga
12138	12316	TAL	Nasdaq OMX Baltic Tallinn Fixed Income	1000	1600	Europe/Tallinn
12139	12317	LIT	Nasdaq OMX Baltic Vilnius Fixed Income	0730	1900	Europe/Vilnius
12140	12318	MOT	Italian Fixed Income	0900	1730	Europe/Rome
12141	12319	LME	LME LBMA Gold Futures Curve			
12143	12320	RUE	RTS Standard Evening Session	1900	2329	Europe/Moscow
12144	12321	SWX	SIX Swiss Exchange Indices	0900	1730	Europe/Zurich
12145	12322	USA	RussellTick	0500	1835	America/New_York
12146	12323	CAN	Canadian Consolidated Pricing	0930	1600	America/Toronto
12147	12325	LDN	Euronext London	0800	1730	Europe/London
12148	12330	TKSE	Tokyo Stock Exchange Evening Session			Japan
12149	12331	LICA	Liquidnet Canada	0600	1700	America/Toronto
12150	12332	CME	S&P Indices on CME Base Package			America/New_York
12151	12333	CME	CME Indices No Fee			America/New_York
12152	12334	SFEE	ASX24 Futures (Evening Session)			Australia/Sydney
12153	12335	SFED	ASX24 Futures (Day Session)			Australia/Sydney

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12154	12336	ATH	ATHEX Indices	1030	1700	Europe/Athens
12155	12337	ATH	FTSE ATHEX Indices	1030	1700	Europe/Athens
12156	12338	SIM	Singapore Exchange Derivatives Commodity Quote	0740	0200	Singapore
12157	12339	SIMD	Singapore Exchange Derivatives Commodity Quote (Day Session)	0740	1930	Singapore
12158	12340	SIME	Singapore Exchange Derivatives CommodityQuote (Electronic Session)	2015	0200	Singapore
12164	12347	TU6	Tullett Eastern Europe			America/New_York
12165	12348	EEE	European Energy Exchange			CET
12166	12354	CMEE	CME Mini Package			America/New_York
12167	12355	NYME	NYMEX eMini Futures Energy			America/New_York
12168	12356	NYME	NYMEX eMini Futures Metals (COMEX)			America/New_York
12171	12360	USA	ICE Data Services Global Index Feed (USA)			America/New_York
12172	12361	PSE	ICE Data Services Global Index Feed (PSE)			America/New_York
12173	12362	GIF	NYSE GIF - GIF			America/New_York
12174	12363	OMX	Nasdaq OMX Nordic Derivatives Equity and Index Options	0730	1900	Europe/Stockholm
12175	12366	CNQ	Canadian Securities Exchange	0900	1700	Canada/Eastern
12176	12367	TMSX	TMX Select	0800	1700	Canada/Eastern
12177	12368	ICX	Instinet Canada Cross	0930	1600	Canada/Eastern
12178	12370	TU7	Tullett SwapMarker Interest Rates			America/New_York
12179	12371	SIGX	Sigma X Canada	0930	1700	Canada/Eastern
12180	12384	HOTC	Athens OTC Trade Reporting Facility	1030	1700	Europe/Athens
12181	12386	ASXP	ASX PureMatch			Australia/Sydney

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12182	12387	TSE	Toronto Stock Exchange TMX Indices	0930	1600	America/Toronto
12183	12389	EUWX	Stuttgart Stock Exchange Securitized Derivatives (EUWAX)			CET
12184	12392	GOTC	Stuttgart OTC	0800	2200	CET
12185	12392	IND	Indian Composite Pricing	0915	1530	Asia/Calcutta
12186	12397	SFD	Swiss Fund Data	0900	1730	CET
12187	9005	MIO	Miami International Securities Exchange			America/New_York
12189	12403	SAT	Spotlight Stock Market	0900	1735	Europe/Stockholm
12190	12188	MATN	TriAct Match Now	0930	1600	Canada/Eastern
12191	9005	NDQ	Nasdaq Options Market			America/New_York
12192	9005	AMXO	NYSE AMEX Options			America/New_York
12193	9005	ARCO	NYSE Arca Options			America/New_York
12194	9005	CBOE	Cboe Options Exchange			America/New_York
12195	9005	ISX	Nasdaq ISE			America/New_York
12196	12412	NASX	Nasdaq Global Index Dissemination Service (Asia Indices)	2030	1230	Asia/Urumqi
12197	12413	NASX	Nasdaq Global Index Dissemination Service (Pacific Indices)			Australia/Sydney
12198	12414	NASX	Nasdaq Global Index Dissemination Service (Independent Indices)			US/Eastern
12199	12415	NASX	Nasdaq Global Index Dissemination Service (Global)	2130	1800	US/Eastern
12200	12416	NASX	Nasdaq Global Index Dissemination Service (Central Europe Indices)	0300	1230	Europe/Zurich
12201	12417	NASX	Nasdaq Global Index Dissemination Service (Eastern Europe Indices)	0300	1430	Europe/Helsinki
12202	12418	TU3	Tullett Prebon Global Money Package - APAC			

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12203	12419	TU6	Tullett Prebon Global Money Package - EMEA			America/New_York
12204	12420	TU4	Tullett Prebon Global Money Package - Latin America			America/New_York
12205	12421	TU7	Tullett Prebon Global Money Package - Developed Markets			
12206	12165	GBR	UK Composite			
12207	12166	DEU	German Composite Pricing	0800	2200	Europe/Berlin
12208	12167	EEA	European Composite Pricing			
12209	12168	DJEC	Dow Jones Economic Indicators			
12210	12169	TPZ	ISE Topaz			America/New_York
12211	12170	CAN	Canadian Composite - CNSX			America/Toronto
12212	12173	DUB	Euronext Dublin Funds/Bonds	0630	1715	Europe/Dublin
12213	9300	CBO	Cboe Data Services CSMI	0800	1830	America/New_York
12215	12176	ISE	ISE OPRA Indices			America/New_York
12216	12177	LON	London Stock Exchange International Board			Europe/London
12217	12178	NORX	Nasdaq OMX Commodities	0745	1900	Europe/Stockholm
12219	12180	OTC	FINRA TRACE US Agency Bonds	0800	1830	America/New_York
12220	12181	TU2	Tullett Global Money Package - MoneyMarker Swaps			
12221	12182	CHIC	Nasdaq CXC TSX-Listed Securities Level 1			Canada/Eastern
12222	12184	USA	US Mutual Funds			America/New_York
12223	9111	BMF	BM&F Derivatives Futures			America/Sao_Paulo
12224	12185	STU	Stuttgart Stock Exchange Warrants	0800	2200	Europe/Berlin
12225	12187	SCO	Frankfurt Stock Exchange Warrants	0000	2359	Europe/Berlin

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12226	12189	QMH	SIX Swiss Structured Products	0900	1730	Europe/Zurich
12227	9000	ECB	European Central Bank FX Rates			Europe/Berlin
12228	12191	CX2	Nasdaq CX2 Toronto-Listed Securities Level 1	0830	1700	America/Toronto
12229	12192	BURG	Burgundy	0900	1730	Europe/Oslo
12230	9005	GMNI	Nasdaq GEMX			America/New_York
12231	9851	BLOX	BlockMatch Aggregated Volume			Europe/London
12232	10200	LIQU	Liquidnet UK			Europe/London
12233	10200	XPOS	Posit			Europe/London
12234	10200	XUBS	UBS MTF			Europe/London
12235	10200	BLNK	Blink MTF			Europe/London
12236	12193	DBV	DB Volatility Indices	0800	2200	Europe/Berlin
12237	12194	OSL	Olso Exchange OBX Index	0900	1630	Europe/Oslo
12238	12508	OMX	Nasdaq Global Index Dissemination Service (EOD)			US/Eastern
12239	12195	KON	Korea New Market (Konex)	0900	1530	Asia/Seoul
12240	12196	RUS	Moscow Exchange RTS Board	1000	1700	
12241	12197	IMC	MCX India			Asia/Calcutta
12242	12198	PHX	PHLX OPRA Indices			America/New_York
12243	12199	CHIA	CHI-X Australia	1000	1600	Australia/Sydney
12244	12250	AUS	Australian Consolidated Pricing	1000	1600	Australia/Sydney
12247	12253	CX2	CX2 ATS TSXV Listed	0830	1700	America/Toronto
12248	12258	STX	STOXX Volatility Indices	0800	2200	CET

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12256	12257	TUR	Istanbul Derivatives			Europe/Istanbul
12257	12164	EEAX	European Dynamic Composite			
12259	12260	KOTC	Korea OTC Market	0900	1530	Asia/Seoul
12260	12261	USA	Block Trade Monitor US			America/New_York
12263	12262	USA	NYSE TRF			America/New_York
12264	12265	USA	Nasdaq TRF			America/New_York
12300	12271	OSL	Oslo Exchange NIBOR Rates			Europe/Oslo
12301	12272	NDEX	ICE Endex Derivatives Futures			
12302	12273	LBMA	LBMA			
12303	12274	RUSX	Russian OTC			Europe/Moscow
12304	12275	TU8	Tullett Swaptions			America/New_York
12305	12276	LYNX	LYNX ATS			America/Toronto
12307	12278	IFEU	ICE Futures Europe Financials Futures			Europe/London
12308	12279	LIF	ICE Futures Europe Financials Options			Europe/London
12320	12292	DUB	Euronext Dublin Indices	0800	1630	Europe/Dublin
12321	9501	MOD	Montreal Exchange Equity and Index Options	0930	1600	Canada/Eastern
12322	12294	NGXC	ICE NGX Canada			
12324	12509	SOM	Sao Paulo Stock Exchange SOMA	1000	1800	America/Sao_Paulo
12325	9504	LIF	Euronext Equity and Index Options			Europe/Paris
12326	9503	EUR	Eurex Options			CET
12329	12537	NZE	New Zealand Derivatives Futures			Pacific/Auckland

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12330	12302	ASX	Australia Derivatives Options			Australia/Sydney
12332	9512	OSE	Osaka Securities Exchange Options	0845	1515	Asia/Tokyo
12333	9513	KRX	Korea KRX Exchange KOSPI Options			Asia/Seoul
12350	12410	FX2	FX Rates (EDF)			America/New_York
12351	12411	FX2	FX Rates (EDF)			America/New_York
12360	12455	IBA	ICE Benchmark Administration			CET
12365	12365	EMTF	Euro MTF	0900	1830	CET
12367	10246	TU1	Tullett US Benchmarks			America/New_York
12368	10247	TU1	Tullett Major US Interest Rates			America/New_York
12375	12460	IFCA	ICE Futures Canada			
12380	12465	MGE	Minneapolis Grain Exchange			America/New_York
12383	12470	DCE	Dalian Commodity Exchange			
12384	12480	SGE	Shanghai Futures Exchange			
12386	12488	ZCE	Zhengzhou Commodity Exchange			
12387	12487	NCD	National Commodity & Derivatives Exchange (NCDEX)			
12390	12391	KLS	Bursa Malaysia Derivatives			Asia/Kuala_Lumpur
12393	9005	BXO	Nasdaq OMX BX Options			America/New_York
12394	10253	TU1	Tullett US When Issued Benchmarks			America/New_York
12401	12511	DGCX	Dubai Gold and Commodities Exchange			
12450	12486	ROFX	Rosario Futures Exchange			
12505	9649	MRV	Spanish Derivatives Equity and Index Options			Europe/Madrid

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12550	12489	DJX	Dow Jones Indices (EMEA Region)			CET
12555	12490	DJX	Dow Jones Indices (Asia Region)			Asia/Hong_Kong
12560	12491	DJX	Dow Jones Indices (Pacific Region)			Australia/Melbourne
12565	12492	DJX	Dow Jones Indices (Global Region)			America/New_York
12570	12493	DJX	Dow Jones Total Market Indices (EMEA Region)			CET
12575	12495	DJX	Dow Jones Total Market Indices (Asia Region)			Asia/Hong_Kong
12576	12576	KRX	Korea KRX Indices	0900	1530	Asia/Seoul
12580	12496	DJX	Dow Jones Total Market Indices (Pacific Region)			Australia/Melbourne
12585	12497	DJX	Dow Jones Total Market Indices (Global Region)			America/New_York
12590	12498	NAS	Nasdaq Global Index Dissemination Service (US Indices)	2000	1830	America/New_York
12620	12503	OMX	Nasdaq OMX Nordic Indices - Fixed Income			Europe/Stockholm
12621	9107	CME	CME S&P Indices Complete			America/New_York
12622	12533	BTSY	Cboe BYX US Equities Exchange Level 1	0930	2045	America/New_York
12623	12534	EDXR	Direct Edge X Direct	0930	2045	America/New_York
12624	12548	EDAR	Direct Edge a Direct	0930	2045	America/New_York
12625	9859	JAS	Tokyo JASDAQ	0900	1500	Asia/Tokyo
12626	9001	IEXG	NYSE - IEX Markets Regional			America/New_York
12630	12040	CAR	Caracas Stock Exchange			
12631	10239	EMD	Mexican Derivatives Exchange Options on Futures			America/Mexico_City
12632	10241	IFUS	IFCA Canola Futures			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
12633	10242	IFUS	IFCA Canola Options on Futures			America/New_York
12634	12341	EMD	Mexican Derivatives Exchange Options on Futures Statistics			America/Mexico_City
12635	10243	IFUS	IFCA Canola Options on Futures Statistics			America/New_York
12636	10244	NEOD	Aequitas NEO-D			America/Toronto
12637	11008	BZX	Cboe BZX Top Feed			America/New_York
12638	11009	BSFI	Bank Sarasin Fixed Income Contributed Data			Europe/Berlin
13045	10071	OSL	Oslo Exchange Derivatives Futures	0900	1630	Europe/Oslo
13501	9552	CMEE	CME Clearport			America/New_York
13502	12206	LJU	Ljubljana Stock Exchange Indices	0830	1500	Europe/Ljubljana
14001	9001	ASE	NYSE - NYSE American Regional	0930	1600	America/New_York
14002	9001	NAS	NYSE - Nasdaq Regional	0930	1600	America/New_York
14003	9002	ASE	Nasdaq - NYSE American Regional	0930	1600	America/New_York
14004	9002	BOS	Nasdaq - Nasdaq BX Regional	0930	1600	America/New_York
14005	9002	PHL	Nasdaq - Nasdaq PSX Regional	0930	1600	America/New_York
14006	9002	CHI	Nasdaq - NYSE Chicago Regional	0930	1600	America/New_York
14007	9002	PSE	Nasdaq - NYSE Arca Regional	0930	1600	America/New_York
14008	9002	CIS	Nasdaq - NYSE National Regional	0930	1600	America/New_York
14009	9002	ADF	Nasdaq - FINRA ADF	0930	1600	America/New_York
14010	9002	CBO	Nasdaq - Cboe Regional	0930	1600	America/New_York
14011	9002	ISE	Nasdaq - Nasdaq ISE Regional	0930	1600	America/New_York
14012	9002	BATS	Nasdaq - Cboe BZX US Equities Regional	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14013	9002	BATY	Nasdaq - Cboe BYX US Equities Regional	0930	1600	America/New_York
14014	9002	EDGA	Nasdaq - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14015	9002	EDGX	Nasdaq - Cboe EDGX US Equities Regional	0930	1600	America/New_York
14016	9002	NYS	Nasdaq - NYSE Regional	0930	1600	America/New_York
14021	9004	BOS	NYSE American - Nasdaq BX Regional	0930	1600	America/New_York
14022	9004	PHL	NYSE American - Nasdaq PSX Regional	0930	1600	America/New_York
14023	9004	CHI	NYSE American - NYSE Chicago Regional	0930	1600	America/New_York
14024	9004	PSE	NYSE American - NYSE Arca Regional	0930	1600	America/New_York
14025	9004	CIS	NYSE American - NYSE National Regional	0930	1600	America/New_York
14026	9004	NAS	NYSE American - Nasdaq Regional	0930	1600	America/New_York
14027	9004	ADF	NYSE American - FINRA ADF	0930	1600	America/New_York
14028	9004	CBO	NYSE American - Cboe Regional	0930	1600	America/New_York
14029	9004	ISE	NYSE American - Nasdaq ISE Regional	0930	1600	America/New_York
14030	9004	BATS	NYSE American - Cboe BZX US Equities Regional	0930	1600	America/New_York
14031	9004	BATY	NYSE American - Cboe BYX US Equities Regional	0930	1600	America/New_York
14032	9004	EDGA	NYSE American - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14033	9004	EDGX	NYSE American - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14034	9001	ADF	NYSE - FINRA ADF	0930	1600	America/New_York
14035	9004	NYS	NYSE American - NYSE Regional	0930	1600	America/New_York
14042	12309	BOM	BSE India Derivatives Options	0915	1530	Asia/Calcutta
14046	12516	USA	OPRA Composite Option Statistics			America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14047	12517	CBOE	Cboe Equity and Index Options Statistics			America/New_York
14048	12518	ISX	Nasdaq ISE Options Statistics			America/New_York
14049	12519	BOX	Boston Options Exchange Options Statistics			America/New_York
14050	12520	AMXO	NYSE AMEX Options Statistics			America/New_York
14051	12521	ARCO	NYSE Arca Options Statistics			America/New_York
14052	12522	NDQ	Nasdaq Options Market Statistics			America/New_York
14053	12523	PHLX	Nasdaq OMX PHLX Options Statistics			America/New_York
14054	12524	MIO	Miami International Securities Exchange Options Statistics			America/New_York
14055	12525	BATO	Cboe BZX Options Exchange Statistics			America/New_York
14056	12532	C2O	Cboe C2 Options Exchange Statistics			America/New_York
14057	12526	GMNI	Nasdaq GEMX Options Statistics			America/New_York
14058	12527	BXO	Nasdaq OMX BX Options Statistics			America/New_York
14059	12528	MCRY	Nasdaq MRX Option Statistics			America/New_York
14060	12535	NSE	NSE India Derivatives Futures	0915	1530	Asia/Calcutta
14061	12451	BOM	BSE India Indices			Asia/Calcutta
14064	9596	CBTE	CBT eMini Futures			America/New_York
14100	9610	IFUS	ICE Futures US			America/New_York
14101	9611	IFEU	ICE Futures Europe Commodities			Europe/London
14102	9626	MOD	Montreal Exchange Options Statistics			Canada/Eastern
14103	9627	EUR	Eurex Option Statistics			CET
14104	9629	LIF	Euronext Derivatives Equity and Index Options Statistics			Europe/Paris

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14105	9641	IFEU	ICE Futures Europe Options Statistics			Europe/London
14106	9642	OMX	Nasdaq OMX Nordic Option Statistics			Europe/Stockholm
14107	9643	ASX	ASX Option Statistics			Australia/Sydney
14108	9645	OSE	Osaka Securities Exchange Option Statistics			Asia/Tokyo
14109	9628	OSL	Oslo Exchange Options Statistics			Europe/Oslo
14110	9644	IFEU	ICE Futures Europe Options			Europe/London
14111	9451	BUD	Budapest Derivatives Option Statistics			Europe/Budapest
14115	9661	DMI	Italian Derivatives Equity and Index Options			Europe/Rome
14116	9662	WAR	Warsaw Stock Exchange Derivatives Options Statistics			Europe/Warsaw
14117	10034	WBO	Vienna Stock Exchange Indices	0900	2200	Europe/Vienna
14121	9670	DBKX	Deutsche Bank Custom Indices and Baskets	0930	1600	America/New_York
14122	9671	IFEU	ICE Futures Europe Soft Commodities Futures			Europe/London
14123	9005	MCRY	Nasdaq MRX			America/New_York
14124	9673	JSE	Johannesburg Securities Exchange Fixed Income			Africa/Johannesburg
14125	9674	MSCD	Morgan Stanley Custom Baskets	0930	1600	America/New_York
14130	9680	IFEU	ICE Futures Europe Indices			Europe/London
14131	9690	HKO	Hong Kong Derivatives Options Statistics			Asia/Hong_Kong
14132	9691	NEOE	Aequitas NEO-N			America/Toronto
14133	9679	NEOE	Aequitas NEO-N Other Listed Securities (TSE)			America/Toronto
14135	9694	NEOE	Aequitas NEO-N Other Listed Securities (TSX)			America/Toronto

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14136	9696	NEOL	Aequitas NEO-L			America/Toronto
14137	9698	NEOL	Aequitas NEO-L Other Listed Securities (TSE)			America/Toronto
14138	9705	NEOL	Aequitas NEO-L Other Listed Securities (TSX)			America/Toronto
14140	9708	CME	CME Options on Futures			America/New_York
14141	9709	CMEE	CME Options on Futures (Electronic Session)			America/New_York
14142	9710	CMEE	CME eMini Futures Options			America/New_York
14143	9711	CBT	CBT Options on Futures			America/New_York
14144	9712	CBTE	CBT Futures on Options (Electronic Session)			America/New_York
14145	9713	CBTE	CBT eMini Options on Futures			America/New_York
14146	9714	NYM	NYMEX Options on Futures Energy			America/New_York
14147	9715	NYME	NYMEX Options on Futures Energy (Electronic Session)			America/New_York
14148	9716	NYM	NYMEX eMini Options on Futures Metals (COMEX)			America/New_York
14149	9717	NYME	NYMEX Options on Futures Metals (COMEX Electronic Session)			America/New_York
14150	9718	NYME	NYMEX eMini Energy Options on Futures Energy			America/New_York
14151	9719	NYME	NYMEX eMini Options on Futures Metals (COMEX)			America/New_York
14155	9000	T3I	Triple 3 Partners			
14200	9625	OTC	FINRA TRACE 144A Bond Feed			America/New_York
14203	9634	MCE	Spanish Markets Indices (BME)	0900	1730	Europe/Madrid
14204	9630	MAD	Spanish Markets Indices (Madrid)	0900	1730	Europe/Madrid
14205	9700	HSC	Hong Kong-Shanghai Connect	0930	1600	Asia/Hong_Kong

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14206	9701	SSC	Shanghai-Hong Kong Stock Connect	0930	1500	Asia/Hong_Kong
14208	9631	BAR	Spanish Markets Indices (Barcelona)	0900	1730	Europe/Madrid
14209	9632	BIL	Spanish Markets Indices (Bilboa)	0900	1730	Europe/Madrid
14210	9633	VAL	Spanish Markets Indices (Valencia)	0900	1730	Europe/Madrid
14211	9650	CSUX	Credit Suisse Indices			America/New_York
14212	9676	FDS	IBOR Fixings - Asia			Asia/Tokyo
14213	9677	FDS	IBOR Fixings - Europe			CET
14214	9678	FDS	IBOR Fixings - Americas			America/New_York
14215	12082	OSED	Osaka Securities Exchange Futures (Day Session)	0845	1515	Asia/Tokyo
14216	12083	OSEE	Osaka Securities Exchange Futures (Electronic Session)	1630	0530	Asia/Tokyo
14217	12084	CMEE	CME Option Stats			America/New_York
14218	12085	CBTE	CBT Options on Futures Statistics			America/New_York
14219	12086	NYME	NYMEX Options on Futures Energy Statistics			America/New_York
14220	12087	NYME	NYMEX Options on Futures Metals (COMEX) Statistics			America/New_York
14221	12088	IFUS	ICE Futures US Option Statistics			America/New_York
14222	12089	BLB	Banja Luka Stock Exchange Indices	0830	1300	Europe/Sarajevo
14223	12090	BLB	Banja Luka Stock Exchange	0830	1300	Europe/Sarajevo
14224	12091	MAE	Macedonia Stock Exchange Indices	0800	1735	Europe/Skopje
14225	12092	MAE	Macedonia Stock Exchange	0800	1735	Europe/Skopje
14226	12093	WBO	Vienna Stock Exchange Structured Products			CET

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14250	9647	OME	Nasdaq OMX Nordic SEK Fixings	0830	1700	Europe/Stockholm
14251	9648	CSE	Nasdaq OMX Nordic DKK Fixings	0830	1700	Europe/Copenhagen
14252	9850	BUD	Budapest Stock Exchange Derivatives			Europe/Budapest
14253	9856	ARCX	NYSE Arca Bonds	0800	1700	America/New_York
14254	9005	EDGO	Cboe EDGX Options Exchange			America/New_York
14255	9682	EDGO	Cboe EDGX Options Exchange Statistics			America/New_York
14256	12539	WAR	Warsaw SE New Connect	0800	1730	Europe/Warsaw
14276	9652	ETLX	EuroTLX	0900	1730	Europe/Rome
14281	12074	CSX	Cambodia Stock Exchange			
14283	12097	LAO	Lao Securities Exchange			
14284	12115	RSEX	Rwanda Stock Exchange			
14296	12544	FREX	Freedom Indices			America/New_York
14297	12545	CRB	Thomson Reuters TR/Core Commodity CRB Index			America/New_York
14299	12549	SMP	Euronext Block MTF			CET
14300	12550	BLNK	Blink MTF			Europe/London
14301	12551	SBIL	Citigroup Global Markets			Europe/London
14302	12552	CSFB	Credit Suisse			Europe/London
14303	12553	GSIL	Goldman Sachs London			Europe/London
14304	12559	BLOX	Instinet BlockMatch			Europe/London
14305	12554	XPOS	ITG POSIT			Europe/London
14306	12555	KCGE	Knight Capital Group Europe			Europe/London

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14307	12556	LIQU	Liquidnet UK			Europe/London
14308	12557	UBSW	UBS AG			Europe/London
14309	12558	XUBS	UBS MTF			Europe/London
14310	12560	IBA	ICE Benchmark LIBOR Rates			Europe/London
14311	12561	NZFM	New Zealand Financial Monetary Association	1000	1700	Pacific/Auckland
14312	12562	IST	Borsa Istanbul Indices	1000	1810	Europe/Istanbul
14313	12567	EUR	Eurex Options on Futures			CET
14314	12568	STU	Solactive Indices (Stuttgart)	0800	2200	Europe/Berlin
14315	12569	SAF	JSE Derivatives Commodities			Africa/Johannesburg
14317	12571	SOGE	Societe Generale			Europe/Paris
14318	12572	MKIT	Markit CDS Indices			GMT
14319	12574	KRX	Korea KRX Securities C (ETFs)	0900	1530	Asia/Seoul
14320	12582	OTC	FINRA TRACE Structured Products			America/New_York
14321	12584	SEC	Shenzhen-Hong Kong Stock Connect	0930	1500	Asia/Shanghai
14322	12585	SZSC	Hong Kong- Shenzhen Stock Connect	0930	1600	Asia/Hong_Kong
14323	12586	CXD	Nasdaq CXD			America/Toronto
14324	9005	MPRL	MIAX Pearl			America/New_York
14325	12588	MPRL	MIAX Pearl Options Statistics			America/New_York
14326	12173	ISEF	Euronext Dublin Funds & Bonds	0630	1715	Europe/Dublin
14328	12589	IFEU	ICE Futures Europe Options on Futures Commodities			Europe/London
14329	12590	IFEU	ICE Futures Europe Options on Futures Soft Commodities			Europe/London

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14330	12591	IFEU	ICE Futures Europe Options on Financials			Europe/London
14331	9002	IEXG	Nasdaq - IEX Markets Regional			America/New_York
14332	9004	IEXG	NYSE American - IEX Markets Regional	0930	1600	America/New_York
14333	12592	CME	CME Bitcoin Indices			America/New_York
14334	12593	USA	Nasdaq ISE Indices (USA)	2330	1730	America/New_York
14335	12594	ISE	Nasdaq ISE Indices (ISE)	2330	1730	America/New_York
14336	12596	IFUS	ICE Futures US Option Statistics			America/New_York
14337	12597	IFUS	ICE Futures US Options on Futures			America/New_York
14338	12608	MTAH	Borsa Italiana Equity MTF	0900	2030	CET
14439	12609	SEDX	Milan Stock Exchange Securitized Derivatives (SEDEX)			Europe/Rome
14441	12614	OTXB	BEKB/BCBE OTC-X			CET
14442	12615	BITS	BitStamp Exchange			America/New_York
14444	9009	ASE	NYSE Arca - NYSE American Regional	0930	1600	America/New_York
14445	9009	BOS	NYSE Arca - Nasdaq BX Regional	0930	1600	America/New_York
14446	9009	PHL	NYSE Arca - Nasdaq PSX Regional	0930	1600	America/New_York
14447	9009	CHI	NYSE Arca - NYSE Chicago Regional	0930	1600	America/New_York
14448	9009	PSE	NYSE Arca	0930	1600	America/New_York
14449	9009	CIS	NYSE Arca - NYSE National Regional	0930	1600	America/New_York
14450	9009	NAS	NYSE Arca - Nasdaq Regional	0930	1600	America/New_York
14451	9009	ADF	NYSE Arca - FINRA ADF	0930	1600	America/New_York
14452	9009	CBO	NYSE Arca - Cboe Regional	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14453	9009	ISE	NYSE Arca - Nasdaq ISE Regional	0930	1600	America/New_York
14454	9009	BATS	NYSE Arca - Cboe BZX US Equities Regional	0930	1600	America/New_York
14455	9009	BATY	NYSE Arca - Cboe BYX US Equities Regional	0930	1600	America/New_York
14456	9009	EDGA	NYSE Arca - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14457	9009	EDGX	NYSE Arca - Cboe EDGX US Equities Regional	0930	1600	America/New_York
14458	9009	IEXG	NYSE Arca - IEX Markets Regional	0930	1600	America/New_York
14459	9009	NYS	NYSE Arca - NYSE Regional	0930	1600	America/New_York
14460	9011	ASE	Cboe BZX US Equities - NYSE American Regional	0930	1600	America/New_York
14461	9011	BOS	Cboe BZX US Equities - NASDAQ BX Regional	0930	1600	America/New_York
14462	9011	PHL	Cboe BZX US Equities - NASDAQ PSX Regional	0930	1600	America/New_York
14463	9011	CHI	Cboe BZX US Equities - NYSE Chicago Regional	0930	1600	America/New_York
14464	9011	PSE	Cboe BZX US Equities - NYSE Arca Regional	0930	1600	America/New_York
14465	9011	CIS	Cboe BZX US Equities - NYSE National Regional	0930	1600	America/New_York
14466	9011	NAS	Cboe BZX US Equities - NASDAQ Regional	0930	1600	America/New_York
14467	9011	ADF	Cboe BZX US Equities - FINRA ADF	0930	1600	America/New_York
14468	9011	CBO	Cboe BZX US Equities - CBOE Regional	0930	1600	America/New_York
14469	9011	ISE	Cboe BZX US Equities - Nasdaq ISE Regional	0930	1600	America/New_York
14470	9011	BATS	Cboe BZX US Equities Exchange	0930	1600	America/New_York
14471	9011	BATY	Cboe BZX US Equities - Cboe BYX US Equities Regional	0930	1600	America/New_York

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Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14472	9011	EDGA	Cboe BZX US Equities - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14473	9011	EDGX	Cboe BZX US Equities - Cboe EDGX US Equities Regional	0930	1600	America/New_York
14474	9011	IEXG	Cboe BZX US Equities - IEX Markets	0930	1600	America/New_York
14475	9011	NYS	Cboe BZX US Equities - NYSE Regional	0930	1600	America/New_York
14476	12616	TU7	Tullett Long Dated Swaps			America/New_York
14477	9016	ASE	IEX Markets - NYSE American Regional	0930	1600	America/New_York
14478	9016	BOS	IEX Markets - NASDAQ BX Regional	0930	1600	America/New_York
14479	9016	PHL	IEX Markets - NASDAQ PSX Regional	0930	1600	America/New_York
14480	9016	CHI	IEX Markets - NYSE Chicago Regional	0930	1600	America/New_York
14481	9016	PSE	IEX Markets - NYSE Arca Regional	0930	1600	America/New_York
14482	9016	CIS	IEX Markets - NYSE National Regional	0930	1600	America/New_York
14483	9016	NAS	IEX Markets - NASDAQ Regional	0930	1600	America/New_York
14484	9016	ADF	IEX - FINRA ADF	0930	1600	America/New_York
14485	9016	CBO	IEX Markets - CBOE Regional	0930	1600	America/New_York
14486	9016	ISE	IEX Markets - ISE Markets Regional	0930	1600	America/New_York
14487	9016	BATS	IEX Markets - Cboe BYX US Equities Regional	0930	1600	America/New_York
14488	9016	BATY	IEX Markets - Cboe BYX US Equities Regional	0930	1600	America/New_York
14489	9016	EDGA	IEX Markets - Cboe EDGA US Equities Regional	0930	1600	America/New_York
14490	9016	EDGX	IEX Markets - Cboe EDGX US Equities Regional	0930	1600	America/New_York
14491	9016	IEXG	IEX Markets	0930	1600	America/New_York

Exchange Code	Product ID	ISO Code	Name	Market Open	Market Close	Time Zone Spec ID
14492	9016	NYS	IEX Markets - NYSE Regional	0930	1600	America/New_York
15000	12270	USA	FTSE RussellTick (USA)			America/New_York

3.5   Composite Exchanges

The composite exchanges are available for selected countries and regions; data provided for the Composites is sourced from number of underlying exchanges with the most recent data from the exchanges being displayed. Access and methodology vary between the different Composites for the different Countries/Regions depending on Exchange rules.

The cumulative volume of the composite reflects the volume from all underlying Exchanges, not just the main

Exchange. If data for a specific exchange is required, the corresponding exchange code should be specified, XXX-NAS for NASDAQ, XXX-NYS for NYSE, etc.

3.6   US Composite

To get the US Composite data the "–USA" Exchange ISO code should be used. The access to the US Composite automatically grants access to all underlying regional Exchanges; it is not possible to only subscribe to selected Exchanges that are part of the US Composite.

Equity Exchanges included in the US composite:

Table 12: Equity Exchanges included in the US Composite

ISO	Name	ISO	Name
IEXG	IEX Markets	PSE	NYSE ARCA
LTSE	Long Term Stock Exchange	CIS	NYSE National
MEMX	Members Exchange	NAS	NASDAQ
EPRL	MIAX PEARL Equities	OTC	US OTC
NYS	New York Stock Exchange	ADF	FINRA ADF
ASE	NYSE MKT	BATS	Cboe BZX US Equities Exchange
BOS	BASDAQ BX	BATY	Cboe BYX US Equities Exchange
PHL	Nasdaq PSX	EDGA	Cboe EDGA US Equities Exchange
CHI	NYSE Chicago	EDGX	Cboe EDGX US Equities Exchange

To get the OPRA Composite data the "–USA" Exchange ISO code should be used. The access to the US OPRA Composite automatically grants access to all underlying regional Exchanges; it is not possible to only subscribe to selected Exchanges that are part of the US Composite.

OPRA Exchanges included in the US composite:

Table 13: Options Exchanges included in the US Composite

ISO	Name		ISO	Name
PHLX	NASDAQ OMX PHLX		**GMNI**	ISE Gemini
BXO	NASDAQ OMX BX Options		**MCRY**	ISE Mercury
MIO	Miami International Securities Exchange		**EDGO**	CBOE EDGX Options Exchange
NDQ	NASDAQ Options		**MPRL**	MIAX Pearl
AMXO	NYSE AMEX Options		**EMLD**	MIAX Emerald
ARCO	NYSE Arca Options		**BOX**	Boston Options Exchange
ISX	ISE Options		**ISE**	International Securities Exchange
CBOE	Cboe Options Exchange		**BATO**	Cboe BZX Options Exchange
			C2O	Cboe C2 Options Exchange

3.6.1 Canadian Composite

Unlike the US Composite, Canadian Composite "-CAN" requires access to all underlying Exchanges. If a new Exchange is added to the Canadian Composite, access to that exchange must be granted before data for the composite ticker z can be sent. The following Canadian Exchanges are included in the composite.

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Table 14: Equity Exchanges included in the Canadian Composite

Exchange	ISO	Exchange	ISO
Toronto Stock Exchange	TSE	**Instinet Canada Cross**	ICX
TSX Venture Exchange	TSX	**Canadian National**	CNQ
Alpha ATS	ATS	**TriAct Match Now**	MATN
CHI-X Canada	CHIC	**CX2**	CX2
Liquidnet Canada	LICA	**LYNX ATS**	LYNX
Omega ATS	OMGA	**Sigma X Canada**	SIGX
PURE Trading	PURE	**Aequitas NEO Exchange**	NEOE
TMX Select	TMSX	**Aequitas Lit Exchange**	NEOL

3.6.2 Indian Composite

The Indian Composite includes NSE India and BSE India. Access to both these exchanges is required to get data for the "–IND" ticker.

3.6.3 Australian Composite

The Australian Composite includes ASX and CHIA (CHI-X APAC). Access to both these exchanges is required to get data for the "–AUS" ticker.

3.6.4 German Composite

The German Composite "-DEU" requires access to all underlying exchanges. If a new exchange is added to the German composite, access to that exchange must be granted before data for the composite ticker can be sent. The following German Exchanges are included in the composite:

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Table 15: Equity Exchanges included in the German Composite

Exchange	ISO		Exchange	ISO
Berlin Stock Exchange	BER		Hannover Stock Exchange	HAN
Dusseldorf Stock Exchange	DUS		Munich Stock Exchange	MUN
XETRA	ETR		XETRA Indices & ETFs	XEX
Frankfurt Stock Exchange	FRA		Stuttgart Stock Exchange	STU
Hamburg Stock Exchange	HAM		Tradegate Exchange	TGAT

Appendix A: Trade Conditions

The following table lists the trade condition codes and their descriptions:

Table 16: Trade Conditions

Code	Trade Condition Description	Code	Trade Condition Description
0	Regular Trade	29	Market Center Opening Trade
1	Automatic Execution	30	Reopening Trade
2	Intermarket Sweep	31	Closing Trade
3	Form T	32	Sold Last
6	Intermarket Sweep Automatic Execution	33	Sold out of Sequence
7	Intermarket Sweep Form T	34	Extended Hours Sold out of Sequence
8	Inter Mkt Sweep Form T Automatic Execution	35	Stopped Stock
9	Derivatively Priced Average Price	36	Acquisition
17	Cancelled	37	Bunched Trade
18	Corrected	38	Distribution Trade
19	Halt	39	Bunched Sold Trade
20	Resume	40	Price Variation Trade
21	Block Trade	41	Rule 127
22	Ordinary Trade	42	Rule 155
23	Derivatively Priced	43	Market Open
24	Trade Through Exempt	44	Market Close
25	Cash Trade	45	Split Trade
26	Next Day Trade	46	Prior Reference Price
27	Seller	47	CAP Election Trade
28	Yellow Flag	48	Stock Option Trade
		49	Average Price Trade

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Code	Trade Condition Description	Code	Trade Condition Description
50	Cross Trade	68	Off Hour Fixed Price Trade
51	Wild Trade	69	Off Hour Basket Trade
52	Suspect Trade	70	Delayed
53	Opening Delay	71	Uncrossing Price
54	Price Indication	72	Late Correction
55	Trading Range Indication	73	Not to Mark
56	Market Imbalance Buy	74	Previous Day Contra
57	Market Imbalance Sell	75	Contra Trade
58	On Market Imbalance Close Buy	76	Negotiated Trade Delayed
59	ON Market Imbalance Close Sell	77	Negotiated Trade
60	No Market Imbalance	78	Ordinary Trade Delayed
61	No On Close Market Imbalance	79	Ordinary Trade OTC
62	Indicative Price	80	SI Trade
63	Indicative Close Price	81	SI Trade Delayed
64	Auction Price	82	SI Trade Cancel
65	Opening Auction Price	83	OTC Trade Cancel
66	Closing Auction Price	84	OTC Trade Delayed
67	Off Hour Trade	85	Interfund Cross
		86	Overnight
		87	Bargain Conditions
		88	Cross Order from Basket
		89	Valuation Trade
		90	Delta Neutral
		91	Market VWAP

Code	Trade Condition Description
92	Options Execution
93	Non-regulated Trade
94	Odd Lot
95	Anonymous
96	Over the Counter
97	Chui Kehai Price
98	Nariyuki Kehai Price
99	Special Kehai Price
100	Final Kehai Price
101	Approved Kehai Price
102	Mid-price
103	Bid Price
104	Ask Price
105	Reference Price
106	Control Price
107	After Hours Reference Price
108	Estimated Price
109	Kassa Price
110	Special Price
111	Nominal Price
112	Partially Paid Bid
113	Partially Paid Ask
114	XETRA Best Price
115	Buy Back

Code	Trade Condition Description
116	Buy In
117	Projected Open
118	Theoretical Open
119	Intermediate Market
120	Negotiated Market
121	Off Board Trading
122	Net Price
123	Gross Price
124	Official Price
125	Provisional Report
126	Morning Kerb
127	Afternoon Kerb
128	Unofficial Price
129	First AM Ring
130	Second AM Ring
131	First PM Ring
132	Second PM Ring
133	Outside First AM Ring
134	Outside Second AM Ring
135	Interoffice
136	Outside First PM Ring
137	Outside Morning Kerb
138	Outside Afternoon Kerb
139	Outside Second PM Ring

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Code	Trade Condition Description
140	Off Order Book
141	Market Condition
142	Portfolio Trade
143	Price Alert
144	Volume Alert
145	Nostro On Order Book
146	Net Asset Value
147	Settlement
148	Special Price Trade
149	As/Of
150	Reversal Trade
151	Seller Option
152	Actual Volume
153	Estimated Volume
154	No/Was
155	Weighted Average Price
156	Average Price 5 Minute Session
157	Average Price 1 Minute Session
158	Exchange for Physical
159	Match Cross Trade
160	Exchange for Option
161	Exchange for Swaps
162	Frozen
163	Reserved

Code	Trade Condition Description
164	Commission
165	Previous Day Trade
166	OTC Non-standard
167	Paid Bid
168	Paid Ask
169	Delayed Market
170	Dealer Bought
171	Dealer Sell
172	Inter-dealer Transaction
173	Pre-open
174	Opening Rotation
175	Pre-cross
176	Delayed Delivery
177	Contingent Trade
178	Basis Trade
187	EDSP
188	Investment Funds Market
189	Open Detail
190	Intratrade Detail
191	Trade for Trade
192	Post Close
193	VWAP Trade
194	International Automatic Execution Suspended

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Code	Trade Condition Description
195	International VWAP Automatic Execution Suspended
196	Orders Suspended
197	SETS Automatic Execution Suspended
198	ACCEPT Match
199	Mid-price Match
200	OX Repurchase Agreement
201	OX Standard Settlement
202	OX Non-standard Settlement
203	OX Exchange Granted Trade
204	No Uncrossing
205	Best Valuation Price No Turnover
206	Exchange Trade
207	Last Midpoint Order Price
208	Variable
209	Fixing
210	Manual/Special Lot Direct
211	Manual/Special Lot Non-direct
212	Automatch Direct
213	Preopening
214	Price Alert Valid
215	Trade Weighted Average
216	Previous Day Cancel
217	Previous Day Correction

Code	Trade Condition Description
218	Previous Day Delayed
219	Previous Day Market Conditions
220	Previous Day Negotiated Trade
221	Derivatives Trade
222	Exchange Trade Delayed
223	Odd Lot Delayed
224	Volatility Trading Pause
225	Short Sale Restriction
226	Short Sale Restriction Deactivated
227	Other Trade
228	Representative
229	Not Verified
230	Futures Settlement Index
231	Options Settlement Index CME Group futures (NYMEX, CBOT, and CME) will use a different trade condition for settlement, due to the different types of settlements that they send. In general, you will see 232. This is the preliminary settlement that the exchange sends out during the time clients expect to see a settlement price that occurs prior to the end of electronic trading.
232	Preliminary Settlement
233	Opening Settlement
234	Leg Spread
236	Booking Purpose Only
237	Book Value

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Code	Trade Condition Description
238	Buy & Write
239	Directed Reporting
240	Exercise Call Option
241	Settlement Futures Contract
242	Exercise Put Option
243	Equity Combination
244	ETF Special Trades
245	Forward Delivery
246	Foreign Market Sale
247	Govt Loan Security (BB)
248	Index Replicating Portfolio Special Crossing
249	Loan
250	Loan Return
251	Late Trade
252	Late Tailor-made Combination Crossing
253	Foreign-to-Foreign Trade
254	Overseas Trade
255	Put-through Special Crossing
256	Completion Order Special Crossing
257	Short Sale
258	Shortfall Underwriting/Other Special Crossing
259	Block Special Crossing

Code	Trade Condition Description
260	Special Combination Bulletin Board Crossing
261	Market Stabilization Trade
262	Portfolio Special Crossing
263	Tailor-made Combination
264	Wholesale Loan Security
265	Crossing
266	Bulletin Board Combination Crossing
267	Tailor-made Combination Crossing
268	International
269	Market Trade
270	Portfolio Crossing
271	Off Market
272	Extraordinary
273	Agency Cross
274	Broker to Broker Trade
275	Connected Party Trade
276	Protected Principal
277	Riskless Principal
278	Normal Sided Cross
279	Centre Point
280	Late Trade Combination
281	Price Stabilization Crossing
282	Price Stabilization Late Trade

Code	Trade Condition Description	Code	Trade Condition Description
283	Quote Display Board Trade Report	307	Stopped Trade Through
284	Volume Match Book Trade	308	Benchmark Trade
285	Rebooking of Auto Match	309	Closing Price Cross
286	OTC Late Correction	310	Non-regular Trade
287	SI Late Correction	311	Leg Guaranteed Cross
288	End of Month Price	312	Unable to Verify Dollar Price
289	Changing Transaction	313	Off Exchange Trade
290	Basket Trade	314	Non-standard Delayed
291	Special Opening Quotation	315	Repurchase Agreement Delayed
292	Unit Trading	316	Off-hour Delayed
293	Connect	317	Exchange Granted Delayed
294	CFD Trade	318	Other Delayed
295	Dark Pool	319	Limit Up/Limit Down
296	Part Calculated Value	320	Bid Limit State Entered
297	Held	321	Bid Limit State Exit
298	Trading At Last	322	Ask Limit State Entered
299	NBBO Crossing Trade	323	Ask Limit State Exit
300	List Offering/Takedown	324	NBBO Limit State Entered
301	When Issued Trade	325	NBBO Limit State Exit
302	Reported Late After Market Hours	326	Bid Limit Entered Ask Limit Exit
303	Adjusted Terms	327	Bid Limit Exit Ask Limit Enter
304	Straddle	328	Limit Up Limit Down (LULD) Restated Value
305	Buy Write Option Leg	329	Limit Up Limit Down Reopen Update
306	Combination Trade		

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Code	Trade Condition Description
330	Limit Up Limit Down Outside Price
331	LULD Suspended
332	Routed
333	Turnover Reporting
334	Broken Trade
335	Standard Outside Spread
336	Plain Vanilla Trade
337	Technical Trade
338	Give Up/Give In
339	Trade with Conditions
340	Ex/Cum Dividend
341	Internalized Trade
342	Self-managed Super Fund Trade
343	Small Trade
344	Upper Limit Price Band
345	Lower Limit Price Band
346	Non-net
347	Bypass Trade
348	Market on Close
349	Centre Point Preferenced
350	Corrected Consolidated Close
351	Large Portfolio Trade
352	Large Portfolio Delayed
353	Large Principle Transaction

Code	Trade Condition Description
354	Large Principle Transaction Delayed
355	Within Spread
356	Post Trading Hours
357	Pre-trading Hours
358	48 Hour Settlement
359	120 Hour Settlement
360	Non-significant Quantity
361	T+3 Settlement
362	Indivisible Cross Order
363	Offshore Market
364	PPP Price
365	Price Sensitive Announcement
366	Foreign Buyer
367	Domestic Buyer
368	Foreign Seller
369	Domestic Seller
370	Fractional Trade
371	Update to Volume Only
372	XM Orders
373	Average of Day Transactions
374	Closing of Orders
375	Determined Price
376	Crack Spread
377	Two-sided Transaction

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Code	Trade Condition Description	Code	Trade Condition Description
378	Any Price Block Trade	401	Markup/Markdown Included in Price
379	Preferenced Any Price Bock Trade	402	No Commission or Markup/Markdown Included
380	Contra Party – Broker Dealer	403	Non-transaction-based Compensation Arrangements (NTBC) Indicator
381	Contra Party – Customer	404	ZARABA Close
382	Contra Party – Non-member	405	Close at the Closing Price
383	Qualified Contingent Trade	406	End of Day Volume Auction
384	Closing Delay	407	Futures Settlement Date
385	Preliminary Settlement Rounded	408	National Cross
386	Theoretical Settlement	409	Intentional Cross
387	Theoretical Settlement Unrounded	410	Request for Quote
388	Settlement Unrounded	411	Intraday Auction
389	Preliminary Theoretical Settlement Unrounded	412	Auction on Demand
390	Preliminary Theoretical Settle Rounded	413	Deferred Publication
391	XL Trade	414	Large in Scale
392	Out of Main Session	415	Delayed Publication Late Correction
393	Initial Public Offering (IPO)	416	Broker Preferenced Trade
394	Tender Offer Trade	417	Specified Pool Transaction
395	Preliminary Open Price	418	Dollar Roll without Stipulation
396	Preliminary Closing Price	419	Stipulated Dollar Roll
397	Reported Previous Day	420	Derivative-related Cross
398	Deal Driven	421	Duplicative Indicator
399	ATS Indicator	422	Price Pending
400	Contra Party - ATS	423	Periodic Auction

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Code	Trade Condition Description		Code	Trade Condition Description
424	Non-base Currency Trade		446	Multi Leg Floor Trade of Proprietary Products
425	Lit Auctions		447	CBOE Closing Cross
426	Block Volume Only		448	Held Trade Primary Market
427	Single Leg Auction Non-ISO		449	Calculated Opening Price
428	Single Leg Auction ISO		450	UTP Open Price
429	Single Leg Cross Non-ISO		451	UTP Close Price
430	Single Leg Cross ISO		452	CTA Open Price
431	Single Leg Floor Trade		453	CTA Close Price
432	Multi Leg Auto Electronic Trade		454	Closing Price Publication
433	Multi Leg Auction		455	Multilateral Compression Trade
434	Multi Lg Cross		456	Extended Hours Trade
435	Multi Leg Floor Trade		457	TSX Closing Price
436	Multi Leg Auto Electronic Trade Against Single Leg(s)		458	TSXV Closing Price
437	Stock Options Auction		459	Odd Lot Cross
438	Multi Leg Auction Against Single Leg(s)			
439	Multi Leg Floor Trade Against Single Leg(s)			
440	Stock Options Auto Electronic Trade			
441	Stock Options Cross			
442	Stock Options Floor Trade			
443	Stock Options Auto Electronic Trade Against Single Leg(s)			
444	Stock Options Auction Against Single Leg(s)			
445	Stock Options Floor Trade Against Single Leg(s)			

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Appendix B: Regional Database Update Schedule[2]

The following table shows the database update schedules for different regions.

Table 17: Regional Database Update Schedule

Region	Average Update Time (EST)	Update Days
AMERICAS (NASDAQ)	01:00 AM	Monday - Friday
AMERICAS (NYSE)	03:40 AM	Monday - Friday
AMERICAS (Options)	10:00 AM	Tuesday - Saturday
AMERICAS (FX rates, Tullett/Treasury bonds)	1:00 AM	Monday - Saturday
AMERICAS	1:00 AM	Tuesday - Saturday
AMERICAS (US FUTURES)	3:00 AM	Sunday - Saturday
EMEA (GERMANY)	06:30 PM	Monday - Friday
EMEA (OPTIONS)	11:30 PM	Monday - Friday
EMEA (MIDDLE EAST)	06:30 PM	Sunday - Thursday
EMEA	10:00 PM	Sunday - Saturday
Oceana (OPTIONS)[3]	01:00 PM	Monday - Friday
Oceana[3]	01:00 PM	Monday - Saturday
Asia (OPTIONS)	08:00 AM	Monday - Friday
Asia	06:00 PM	Monday - Saturday
FX rates, Tullett/Treasury bonds	3:30 AM	Sunday - Saturday

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[2] Database update times may vary based on the Market data volume [3]
Includes Australia and New Zealand Exchanges

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If you have any questions, submit a request through https://issuetracker.factset.com under the FactSet Tick History (Snowflake, API, DataFeed) category.

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