

S&P Capital IQ Real-Time Solutions

FeedOS™ Feed Description

CHIX JAPAN

Reference n°: 20150521 – 20415 – 26729



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FEEDOS™ CHIX JAPAN FEED DESCRIPTION

As part of S&P Capital IQ Real-Time Solutions FeedOS™ documentation, this feed description provides you with details about the types of data broadcast on the CHIX JAPAN market data stream, their possible values and current FeedOS technical implementation.

The topics this feed description covers include:

- [1. Referential Data](#)
- [2. Quotation Data](#)
- [3. Official Closing Price](#)
- [4. Finding the Latest Information.](#)

1. Referential Data

The following sections describe the characteristics of the referential data on the CHIX JAPAN market data stream, in terms of:

- [1.1. Available Markets and Branches](#)
- [1.2. Types of Instruments](#)
- [1.3. Specific Referential Tags.](#)

1.1. Available Markets and Branches

This section details the list of [Markets](#) and [Branches](#) available on the CHIX JAPAN market data stream.

1.1.1. Markets

The CHIX JAPAN market data stream broadcasts informations about the following markets:

Table 1 Markets available on the CHIX JAPAN market data stream

FeedOS Market ID	Market
CHIJ	CHI-X Japan

The following example shows the list of markets available on the CHIX JAPAN market data stream and their IDs, returned by the command dumps:

```
MARKETS
market # 479      CC=JP/JAPAN/TOKYO,DESCR=CHI-X JAPAN,WEB=www.chi-x.asia/apac/jp/eng
MIC = CHIJ
TimeZone = Asia/Tokyo
Country = JP
NbMaxInstruments = 2000000
```

1.1.2. Branches

The example below shows the list of branches available on the CHIX JAPAN market data stream, returned by the command dumps. Each branch displays the following details: FOSMarketID, SecurityType, CFICode and Quantity (of instruments):

```
BRANCHES
{ CHIJ CS   ESXXXX } qty: 3657
{ CHIJ MF   EUXXRX } qty: 10
{ CHIJ MF   EUXXXX } qty: 52
{ CHIJ NONE EXXXXX } qty: 26
```

1.2. Types of Instruments

These sections describe the instruments available on the CHIX JAPAN market data stream, according to their type:

- [1.2.1. Equities.](#)

1.2.1. Equities

The sample below illustrates the details of an equity:

```
instr # 479/750000 = 1005285808
Symbol                string{1301}
SecurityType          string{CS}
FOSMarketId           CHIJ
CFICode               string{ESXXXX}
RoundLot              float64{1000}
SecurityStatus        uint8{1}
InternalCreationDate   Timestamp{2014-12-07 20:01:02:018}
InternalModificationDate Timestamp{2015-04-19 21:00:00:005}
InternalSourceId      uint16{154}
InternalAggregationId uint16{154}
InternalEntitlementId  int32{1025}
LocalCodeStr          string{1301}
ForeignFOSMarketId    XTKS
ForeignMarketId       string{XTKS}
PriceIncrement_dynamic_TableId uint32{10092644}
PrimaryReutersInstrumentCode string{1301.T}
OperatingMIC          string{CHIJ}
```

1.3. Specific Referential Tags

The following sections describe additional, specific referential tags available on the CHIX JAPAN market data stream:

- [1.3.1. SecurityStatus.](#)

1.3.1. SecurityStatus

The values of the referential tag **SecurityStatus** conveyed on the CHIX JAPAN market data stream are disseminated via FeedOS data stream in *Referential* to indicate the status of an instrument.

FeedOS implementation of the values currently available for the tag SecurityStatus is described in the table below:

Table 2 SecurityStatus – technical implementation in FeedOS

Component	Value	Description
Tag Name	SecurityStatus	FeedOS tag name.
Numeric ID	965	FeedOS unique ID disseminated on the S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	UInt8	String data type.
Format	<i>[Exchange Specific Value]</i>	An exchange specific value , indicating the status of an instrument.
Possible Values	1	Active (Default value)
	3	Suspended

2. Quotation Data

The following sections describe the characteristics of the quotation data on the CHIX JAPAN market data stream, in terms of:

- [2.1. Quotation Values](#)
- [2.2. TradingStatus](#)
- [2.3. Specific Quotation Tags](#)
- [2.4. MBL and MBO Data.](#)

2.1. Quotation Values

The example below shows the possible values of an instrument on the CHIX JAPAN market data stream:

```
InstrumentStatusL1
-- 479/750000
    BID: 283.8      0      *NO ORDER*
    ASK: 284.9      0      *NO ORDER*
    LastPrice                float64{285.9}
    LastTradeQty              float64{1000}
    DailyTotalVolumeTraded    float64{0}
    DailyTotalAssetTraded     float64{0}
    LastTradePrice            float64{285.9}
    LastTradeTimestamp        Timestamp{2015-05-20 05:15:03:284}
    InternalDailyOpenTimestamp Timestamp{2015-05-20 23:00:00:007}
    InternalDailyCloseTimestamp Timestamp{2015-05-21 07:00:00:005}
    InternalDailyHighTimestamp Timestamp{2015-05-20 05:15:03:284}
    InternalDailyLowTimestamp Timestamp{2015-05-20 05:15:03:284}
    InternalPriceActivityTimestamp Timestamp{2015-05-21 05:59:57:141}
    TradingStatus             18=NotAvailableForTrading
    RegSHOAction              1=NoPriceTest
    PreviousDailyTotalVolumeTraded float64{1000}
    PreviousDailyTotalAssetTraded float64{285900}
    PreviousDailyClosingPrice    float64{285.9}
    PreviousBusinessDay          Timestamp{2015-05-20}
    CurrentBusinessDay           Timestamp{2015-05-21}
    InternalDailyClosingPriceType char{d}
    PriceActivityMarketTimestamp Timestamp{2015-05-21 05:59:57:139}
```

For more details about the fields and tags available in quotation data type, and their possible values, see *FeedOS Quotation Tags Guide*.

2.2. TradingStatus

Each time a modification of the trading status occurs, the values of the quotation tag **TradingStatus** conveyed on the CHIX JAPAN market data stream are disseminated via FeedOS data stream in *Other Values*:

- in the callback carrying the Level1 event `notif_TradeEventExt()`, for C++
- in the event handler `TradeEventExtEventHandler`, for C#
- in the callback carrying the Level1 event `quotNotifTradeEventExt`, for Java.

FeedOS implementation of the tag **TradingStatus** is described in the following table:

Table 3 TradingStatus – technical implementation in FeedOS

Component	Value	Description
Tag Name	TradingStatus	FeedOS tag name.
Numeric ID	9100	FeedOS unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Enum	Enum data type.

Table 3 TradingStatus – technical implementation in FeedOS (Continued)

Component	Value	Description
Format	<i>[Exchange Specific Value]</i>	An exchange specific value , detailing the characteristics of the trading status.
Possible Values	2	Trading Halt
	17	Ready to Trade
	18	Not Available for Trading

2.3. Specific Quotation Tags

The following sections describe additional, specific quotation tags available on the CHIX JAPAN market data stream:

- [2.3.1. RegSHOAction](#)
- [2.3.2. InternalDailyClosingPriceType](#).

2.3.1. RegSHOAction

Each time a modification of the trading status occurs, the values of the quotation tag **RegSHOAction** conveyed on the CHIX JAPAN market data stream are disseminated via FeedOS data stream in *Other Values*:

- in the callback carrying the Level1 event `notif_TradeEventExt()`, for C++
- in the event handler `TradeEventExtEventHandler`, for C#
- in the callback carrying the Level1 event `quotNotifTradeEventExt`, for Java.

FeedOS implementation of the tag **RegSHOAction** is described in the following table:

Table 4 RegSHOAction – technical implementation in FeedOS

Component	Value	Description
Tag Name	RegSHOAction	FeedOS tag name.
Numeric ID	9113	FeedOS unique ID disseminated on the S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Enum	Enum data type.
Format	<i>[Exchange Specific Value]</i>	An exchange specific value , detailing the characteristics of the trading status.
Possible Values	FOSRegSHOAction_NoPriceTest	Short Sell Price Check Deactivated (Exchange's Trading State = D)
	FOSRegSHOAction_PriceTestInEffect	Short Sell Price Check Activated (Exchange's Trading State = A)

2.3.2. InternalDailyClosingPriceType

The values of the quotation tag **InternalDailyClosingPriceType** conveyed on the CHIX JAPAN market data stream are disseminated via FeedOS data stream in *Other Values* to indicate the type of the internal daily closing price:

- in the callback carrying the Level1 event `notif_TradeEventExt()`, for C++
- in the event handler `TradeEventExtEventHandler`, for C#

- in the callback carrying the Level1 event `quotNotifTradeEventExt`, for Java.

FeedOS implementation of the tag `InternalDailyClosingPriceType` is described in the table below (the values currently disseminated are highlighted in **green**):

Table 5 InternalDailyClosingPriceType – technical implementation in FeedOS

Component	Value	Description
Tag Name	<code>InternalDailyClosingPriceType</code>	FeedOS tag name.
Numeric ID	9155	FeedOS unique ID disseminated on the S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Char	Char data type.
Format	<i>[Internal specific value]</i>	An internal specific value , detailing the type of daily closing price, as described below.
Possible Values	0	Undefined
	a	Official Close – Explicit closing price value calculated and distributed by an exchange for the main trading session of a given trading day.
	b	Official Indicative – Exchange has provided an indicative price and marked it as indicative, however no trading activity is observed.
	c	Official Carry Over – Explicit Closing price value from a previous trading day carried forward by the exchange to the given trading day.
	d	Last Price – Final price disseminated by the exchange for the main trading session or dissemination period of a given trading day (for indices).
	e	Last Eligible Price – Execution price of the final trade (subject to trade qualifiers) accepted by the exchange for the main trading session of a given trading day.
	z	Manual – Price disseminated manually (in case of production correction).

2.4. MBL and MBO Data *

The MBL book has a 10-level depth. The MBO book is full depth.

3. Official Closing Price

The closing price is the last trade price upon close.

* The MBL and MBO data may not be included by default in your Level1 data subscription, but sold separately. Depending on your contract, additional terms, conditions and fees may apply. For more details about the subscription options, please contact S&P Capital IQ Real-Time Solutions.

4. Finding the Latest Information

For the latest documentation and product updates, additional support and training, please contact our support services one of the following ways:

- E-mail: rts-support@spcapitaliq.com
- Web: <http://support.quanthouse.com>.