S&P Capital IQ Real-Time Solutions

FeedOS™ Developer's Notice

OMX TIP - Feed Update

Reference n°: 20150609 - 23365 - 25891 - 27209 (UPDATE 01 TO 20150413 - 25891 - 26308)

Effective as of: Fall 2015*

Action required from users: Attention Required



* For the actual day when the changes to your custom feed handler take effect, please contact your QuantFEED* project manager.

S&P Capital IQ Real-Time Solutions FeedOS™ Developer's Notice: OMX TIP – Feed Update Reference 20150609 – 23365 – 25891 – 27209 June 09, 2015

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To improve the quality of the market data disseminated on the OMX TIP market data stream, S&P Capital IQ Real-Time Solutions has decided to enhance the content of FeedOS.

This developer's notice contains late-breaking information about the implementation of this modification in your applications, which may not be included otherwise in the published documentation. The topics this notice covers include:

- 1. Update Summary
- 2. FeedOS Technical Implementation
- 3. Finding the Latest Information.

1. Update Summary

Table 1 Current update summary

Notice Reference	20150609 - 23365 - 25891 - 27209 (UPDATE 01 TO 20150413 - 25891 - 26308)
Exchanges	OMX TIP
Concerned MICs	XCSE, XHEL, XICE, XSTO
Internal Source ID	68
Effective Date	Fall 2015 [*]
Impact	Microsecond Timestamp Precision on the Level1 Market Data
Action required	Attention Required

2. FeedOS Technical Implementation

- Effective **Fall*** **2015**, S&P Capital IQ Real-Time Solutions introduces Microsecond Timestamp precision on the Level1 Market Data, to accommodate the information disseminated on the OMX TIP market data stream, as described below:
 - 2.1. Microsecond Timestamp Precision on the Level1 Market Data.

2.1. Microsecond Timestamp Precision on the Level1 Market Data

Effective Fall 2015, the server timestamps will display microsecond units on the Level1 Market Data, as shown in the example below (highlighted in green):

```
"TE (TradeEvent) : MARKET_TIME INSTRUMENT LAST_PRICE TRADE_QTY BID_PRICE BID_QTY ASK_PRICE
ASK_QTY *CONTENT_MASK* *FLAGS*"
        11:00:22:091.520
                                                                              12.42
                                                                                      1@1
                             140709188
        11:00:22:091.612
                             140709188
                                                                     26@5
TE
                                                             11.75
                                                                              6
TE
        11:00:22:091.612
                             140709188
                                                                                      942@39
        11:00:22:091.868
                             140709188
                                                             13.25
                                                                      23@4
```

3. Finding the Latest Information

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

- E-mail: rts-support@spcapitaliq.com
- Web: https://support.quanthouse.com.

^{*} This is the proposed day for the update of the standard version of the feed handler. For dedicated feed handlers, the date and Source IDs may differ. For the actual day when the changes to your custom feed handler will take effect, please contact your FeedOS™ project manager.