

## **QuantFEED® Developer's Notice**

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### **ASX TRADE – Feed Update**

Reference n°: 20724 – 21116 – 20140618

**Effective as of: 28 July 2014\***

**Action required from users: Attention Required**



\* This is the proposed day for the update of the standard version of the feed handler. For dedicated feed handlers, this date may differ. 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 (QuantHouse®) – QuantFEED®  
QuantFEED® Developer's Notice  
Reference 20724 – 21116 – 20140618  
July 01, 2014

### **Corporate Headquarters**

S&P Capital IQ Real-Time Solutions (QuantHouse®)  
52 Rue de la Victoire  
75009 Paris  
France  
Tel: +33 (0) 1 73 02 32 11  
Fax: +33 (0) 1 73 02 32 12

### **US Offices**

55 Water Street, 44th floor  
New York, NY 10041  
United States of America  
Tel: +1-(212)-438-4346

130 East Randolph  
One Prudential Plaza, Suite 2900  
Chicago, IL 60601  
United States of America  
Tel: +1-(312)-233-7129

### **UK Office**

20 Canada Square  
Canary Wharf  
London E14 5LH  
United Kingdom  
Tel: +44 (0) 203 107 1676

### **Singapore Office**

12 Marina Boulevard  
#23-01 Marina Bay  
Financial Centre Tower 3  
Singapore 018982  
Tel: +65 6530 6546

[www.quanthouse.com](http://www.quanthouse.com)

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# UPDATE OF THE ASX TRADE MARKET DATA STREAM

To reflect the changes caused by the dissemination of new values on the ASX TRADE market data stream, S&P Capital IQ Real-Time Solutions has decided to enhance the content of QuantFEED®.

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. QuantFEED® Technical Implementation](#)
- [3. Finding the Latest Information.](#)

## 1. Update Summary

Table 1 Current update summary

Notice Reference	20724 – 21116 – 20140618
Exchanges	ASX TRADE
Concerned MICs	XASX, ASXP, ASXB
Internal Source ID	245
Effective Date	2014-07-28*
Impact	<ul style="list-style-type: none"><li>• Update of the Referential Tags</li><li>• Update of the Quotation Tags</li></ul>
Action required	Attention Required

## 2. QuantFEED® Technical Implementation

Effective Monday, **July 28<sup>\*</sup>, 2014**, S&P Capital IQ Real-Time Solutions enhances the referential and quotation data to accommodate the new information disseminated on the ASX TRADE market data stream, as described below:

- [2.1. Changes to the Referential Data](#)
- [2.2. Changes to the Quotation Data.](#)

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## 2.1. Changes to the Referential Data

S&P Capital IQ Real-Time Solutions **introduces** the referential tag below to accommodate the information disseminated on the ASX TRADE market data stream:

**Table 2** Referential tags added on the ASX TRADE market data stream

Tag Name	Numeric ID	Type
SegmentMIC	9534	String

### 2.1.1. SegmentMIC

The values of the referential tag **SegmentMIC** conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® data stream in *Referential* to specify the child MIC.

QuantFEED® implementation of the values currently available for the tag SegmentMIC is described in the table below:

**Table 3** SegmentMIC – technical implementation in QuantFEED®

Component	Value	Description
Tag Name	SegmentMIC	QuantFEED® tag name.
Numeric ID	9534	QuantFEED® unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	String	String data type.
Format	<i>[Exchange specific value]</i>	An <b>exchange specific value</b> , specifying the child MIC.
Possible Values	ASXB	ASX BookBuild
	ASXP	ASX PureMatch

## Referential Data Sample

Below is an example of the current implementation of the newly added (in **green**) referential tags:

```
instr # 286/1000 = 599786472
  PriceCurrency      string{AUD}
  Symbol             string{BHPXBB}
  Description         string{BHP BLT BOOKBUILD [BHPXBB]}
  SecurityType       string{CS}
  FOSMarketId        ASXB
  CFICode            string{EMXXXM}
  RoundLot           float64{1}
  InternalCreationDate Timestamp{2014-07-16 01:18:43:447}
  InternalModificationDate Timestamp{2014-07-16 01:18:43:448}
  InternalSourceId    uint16{245}
  LocalCodeStr       string{BHPXBB}
  ISIN               string{AU000000BHP5}
  PriceIncrement_dynamic_TableId uint32{12169}
  MBLLayersDesc      string{0}
  OperatingMIC       string{XASX}
  SegmentMIC         string{ASXB}
```

## 2.2. Changes to the Quotation Data

S&P Capital IQ Real-Time Solutions **introduces** the quotation tags below to accommodate the information disseminated on the ASX TRADE market data stream:

**Table 4** Quotation tags added on the ASX TRADE market data stream

Tag Name	Numeric ID	Type
DailySettlementPrice	9133	Float64
OpenInterest	9150	Float64
InternalDailyClosingPriceType	9155	Char
SettlementPriceDate	9380	Timestamp
SettlementPriceType	9383	Char

### 2.2.1. DailySettlementPrice

The values of the quotation tag **DailySettlementPrice** conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® data stream in *Other Values* to specify the value of the daily settlement 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.

QuantFEED® implementation of tag **DailySettlementPrice** is described in the table below:

**Table 5** DailySettlementPrice – technical implementation in QuantFEED®

Component	Value	Description
Tag Name	DailySettlementPrice	QuantFEED® tag name.
Numeric ID	9133	QuantFEED® unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Float64	Float64 data type.
Format / Possible Values	<i>[Exchange specific value]</i>	An <b>exchange specific value</b> , specifying the value of the daily settlement price.

### 2.2.2. OpenInterest

The values of the quotation tag **OpenInterest** conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® data stream in *Other Values* to indicate the amount of derivative contracts that have not been settled in the immediately previous time period for a specific underlying security:

- 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.

QuantFEED® implementation of the tag `OpenInterest` is described in the table below:

**Table 6**      **OpenInterest – technical implementation in QuantFEED®**

Component	Value	Description
Tag Name	OpenInterest	QuantFEED® tag name.
Numeric ID	9150	QuantFEED® unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Float64	Float64 data type.
Format / Possible Values	<i>[Exchange specific value]</i>	An <b>exchange specific value</b> , detailing the amount of derivative contracts that have not been settled in the immediately previous time period for a specific underlying security.

### 2.2.3. InternalDailyClosingPriceType

The values of the quotation tag `InternalDailyClosingPriceType` conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® 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.

QuantFEED® implementation of the tag `InternalDailyClosingPriceType` is described in the table below (the values disseminated as of 2014-07-28 are highlighted in green):

**Table 7**      **InternalDailyClosingPriceType – technical implementation in QuantFEED®**

Component	Value	Description
Tag Name	InternalDailyClosingPriceType	QuantFEED® tag name.
Numeric ID	9155	QuantFEED® unique ID disseminated on 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 <b>internal specific value</b> , detailing the type of daily closing price, as described below.

**Table 7 InternalDailyClosingPriceType – technical implementation in QuantFEED® (Continued)**

Component	Value	Description
<b>Possible Values</b>	0	<b>Undefined</b>
	a	<b>Official Close</b> – Explicit closing price value calculated and distributed by an exchange for the main trading session of a given trading day.
	b	<b>Official Indicative</b> – Exchange has provided an indicative price and marked it as indicative, however no trading activity is observed.
	c	<b>Official Carry Over</b> – Explicit Closing price value from a previous trading day carried forward by the exchange to the given trading day.
	d	<b>Last Price</b> – Final price disseminated by the exchange for the main trading session or dissemination period of a given trading day (for indices).
	e	<b>Last Eligible Price</b> – 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	<b>Manual</b> – Price disseminated manually (in case of production correction).

## 2.2.4. SettlementPriceDate

The values of the quotation tag **SettlementPriceDate** conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® data stream in *Other Values* to indicate the date of the settlement 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.

QuantFEED® implementation of the values currently available for the tag **SettlementPriceDate** is described below:

**Table 8 SettlementPriceDate – technical implementation in QuantFEED®**

Component	Value	Description
<b>Tag Name</b>	<code>SettlementPriceDate</code>	QuantFEED® tag name.
<b>Numeric ID</b>	9380	QuantFEED® unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
<b>Type</b>	Timestamp	Timestamp data type.
<b>Format / Possible Values</b>	<i>[Exchange Specific value]</i>	An <b>exchange specific value</b> , indicating the date of the settlement price.

## 2.2.5. SettlementPriceType

The values of the quotation tag **SettlementPriceDate** conveyed on the ASX TRADE market data stream are disseminated via QuantFEED® data stream in *Other Values* to indicate the type of settlement 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.

QuantFEED® implementation of the tag SettlementPriceType is described in the following table:

**Table 9 SettlementPriceType – technical implementation in QuantFEED®**

Component	Value	Description
Tag Name	SettlementPriceType	QuantFEED® tag name.
Numeric ID	9383	QuantFEED® unique ID disseminated on S&P Capital IQ Real-Time Solutions data stream. This is the numeric equivalent of the tag name.
Type	Char	Timestamp data type.
Format	<i>[Exchange Specific value]</i>	An <b>exchange specific value</b> , indicating the type of settlement price.
Possible Values	a	Official Daily Settlement Price

## Quotation Data Sample

Below is an example of the current implementation of the newly added (in green) quotation tags:

```
InstrumentStatusL1
-- 20/10238
    BID: 9.59      830    @3
    ASK: 9.6       195    @1
    LastPrice      float64{9.6}
    LastTradeQty   float64{13}
    DailyHighPrice float64{9.94}
    DailyLowPrice  float64{9.46}
    DailyTotalVolumeTraded float64{10134}
    DailyTotalAssetTraded float64{10830.37}
    LastTradePrice float64{9.6}
    LastTradeTimestamp Timestamp{2014-07-22 08:59:41:835}
    InternalDailyOpenTimestamp Timestamp{2014-07-22 06:30:22:041}
    InternalDailyCloseTimestamp Timestamp{2014-07-22 06:17:02:796}
    InternalDailyHighTimestamp Timestamp{2014-07-22 07:07:12:985}
    InternalDailyLowTimestamp Timestamp{2014-07-22 04:13:33:290}
    InternalPriceActivityTimestamp Timestamp{2014-07-22 08:59:42:441}
    TradingStatus   17=ReadyToTrade
    DailyOpeningPrice float64{9.69}
    PreviousDailyTotalVolumeTraded float64{9006}
    PreviousDailyTotalAssetTraded float64{61461.97}
    PreviousDailyClosingPrice float64{9.63}
    DailySettlementPrice float64{9.61}
    PreviousBusinessDay Timestamp{2014-07-21}
    CurrentBusinessDay Timestamp{2014-07-22}
    LastAuctionImbalanceSide char{0}
    InternalDailyClosingPriceType char{d}
    OpenInterest float64{7}
    InternalLastAuctionTimestamp Timestamp{2014-07-22 06:21:27:579}
    PriceActivityMarketTimestamp Timestamp{2014-07-22 08:59:41:835}
    SettlementPriceDate Timestamp{2014-07-22 08:00:00:000}
    SettlementPriceType char{a}
    MARKET_OMNET_OMX_TradingStateName string{OPEN}
```



### 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](mailto:rts-support@spcapitaliq.com)
- Web: <http://support.quanthouse.com>.