

## **B3 Market Data – Update of Specifications and Template Files**

Intended for segment participants: Listed.

Summary: New specification versions for B3 Market Data, Binary UMDF, FIX/FAST UMDF and UMDF Conflated are now available.

As part of the continuous improvement of B3's trading systems, and aiming to assist market participants in planning the launch of products and functionalities, B3 hereby informs you that new versions of the following Market Data specifications are now available: Binary UMDF, FIX/FAST UMDF and UMDF Conflated.

This update will include a new field for entering the settlement price reference date. Additionally, it will pave the way for support of cash settled options and include other minor improvements.

The following describes the main updates to the Binary UMDF, FIX/FAST UMDF and UMDF Conflated specifications.

### **1. Binary UMDF specification updates**

Binary UMDF disclosures will now be based on the new "Schema version" 17 in production environments. Updating the new template file version is not mandatory as it is backwards compatible with the previous version, but it will be mandatory to use the new functionalities (Binary UMDF Reference – Messaging Specification Guidelines: 5.9 Schema Extension Mechanism).

This update features the following:

- Optional `settlDate` (tag 64) field added to the `SettlementPrice` message;
- The size of the `SettlementPrice` message was changed from 36 to 40 bytes;

- The openCloseSettlFlag (tag 286) field in the SettlementPrice message is marked as obsolete (and optional). Its publication will initially be maintained in the new template file update, but will be deactivated at a later time making it necessary to use the new settlDate field to identify the settlement price reference date;
- In the OptPayoutType enum, the description of value 2 was changed from "CAPPED" (unused) to "VANILLA\_CASH\_SETTLEMENT" to support cash settled options;
- The TEST\_INSTRUMENT value was added to the InstrAttribType enum to indicate that the instrument is tradable but has no effect on positions, on B3's trading volume, etc. (for future use to identify test instruments);
- The name 'Forbidden' was replaced with 'Pre-Close', domain 18 in the TradingSessionSubID enum, to standardize the nomenclature used in the Market Data specification; and
- The name 'Reserved' was replaced with 'Pre-Open', domain 21 in the TradingSessionSubID enum, to standardize the nomenclature used in the Market Data specification.

The Binary UMDF specification documents – Message Reference v2.3.1, Binary UMDF – Messaging Specification Guidelines v2.3.1 and the new template file (b3-market-data-messages-2.3.1) can be found at [www.b3.com.br/en\\_us](http://www.b3.com.br/en_us) (Solutions > Platforms > PUMA Trading System > For developers and vendors > Binary UMDF).

## 2. FIX/FAST UMDF specification updates

FIX/FAST UMDF disclosures will now be based on a new template file. Updating the new template file version **will be mandatory** and will include the following changes:

Updates to Incremental Market Data (35=X, new templateID 158) and Market Snapshot Full Refresh (35=W, new templateID 159):

- Inclusion of the settlDate (tag 64) optional field in the SettlementPrice (269=6) message. This field represents the settlement price reference date; and

- The disclosure of the openCloseSettlFlag (tag 286) field in the SettlementPrice (269=6) message will be maintained initially in the new template file update, but will be deactivated at a later time making it necessary to use the new settlDate field to identify the settlement price reference date.

Additional updates to the specification:

- Inclusion of a new domain in tag 1482-OptPayoutType (2 - Vanilla - Cash Settlement), in the SecurityList message (35=y); and
- Inclusion of a new domain in tag 871-InstrAttribType (35 -TEST\_INSTRUMENT) in the SecurityList message (35=y) to indicate that the instrument is tradable, but has no effect on positions, on B3's trading volume, etc. (for future use to identify test instruments).

FIX/FAST UMDF specifications and the new template file can be found at [www.b3.com.br/en\\_us](http://www.b3.com.br/en_us) (Solutions > Platforms > PUMA Trading System > FIX/FAST UMDF).

### 3. UMDF Conflated specification updates

UMDF Conflated disclosures will now be based on a new FIX dictionary (version 1.0.0.39). Updating to the new version **will be mandatory** and will include the following changes:

- Inclusion of the settlDate (tag 64) optional field in the incremental SettlementPrice (35=X, 269=6) and Snapshot Full Refresh (35=W, 269=6) messages. This field represents the settlement price reference date;
- The disclosure of the openCloseSettlFlag (tag 286) field in the SettlementPrice message (269=6) will be maintained initially in the update to the new FIX dictionary, but will be deactivated at a later time making it necessary to use the new settlDate field to identify the settlement price reference date;
- Inclusion of a new domain in tag 1482-OptPayoutType (2 - Vanilla - Cash Settlement), in the SecurityList message (35=y);

- Inclusion in the SecurityList message (35=y) of a new domain in tag 871-InstrAttribType (35 -TEST\_INSTRUMENT) to indicate that the instrument is tradable, but has no effect on positions, on B3's trading volume, etc. (for future use to identify test instruments).

UMDF Conflated specifications and the new FIX dictionary file can be found at [www.b3.com.br/en\\_us](http://www.b3.com.br/en_us) (Solutions > Platforms > PUMA Trading System > UMDF and UMDF Conflated).

#### **4. Update schedule**

The dates for availability in certification environments and for production entry phases (scheduled for 4Q26) are available [here](#).

For further information, please contact our service centers below.

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