

May 14, 2024  
028/2024-VNC

## EXTERNAL COMMUNICATION

Listed B3 Participants

Re.: **B3 Market Data – Update to the Binary Market Data Technical Specifications and Templates File**

B3 hereby informs you that new versions of technical specifications of the Binary UMDF protocol and templates file are available. This action is part of the continuous enhancements process for B3's trading systems and seeks to bring forward market participants' planning for the launch of products and functionality.

The updates are described below.

- 1. Addition of the settlement price message** – term used in the financial futures markets for the official price at which a derivatives contract is settled at the end of each trading day. This field is currently only available in FIX/FAST UMDF and with this change will also be present at Binary UMDF, and Binary Market Data will be able to publish the settlement price for these contracts.
- 2. Addition of the open interest message** – concept used in the derivatives markets, such as futures, to indicate the total open interest in financial contracts. This field is currently only available in FIX/FAST UMDF and with this

update will also be present at Binary UMDF, and Binary Market Data will be able to publish the open interest for these contracts.

- 3. Addition of the “SWEEP\_TRADE” value in the trdSubType (tag 829)\*** - the sweep and cross functionality refers to an order execution strategy that involves to main stages: (i) the “sweep” stage which consists of entering orders against all sides in the central order book until a determined price, seeking the best possible execution; and (ii) after this sweep, the “cross” stage, executed when a cross order is registered. This cross allows trades to be automated for clients so that one part of the transaction is executed against orders in the central order book, before finalizing the transaction directly with its other part. With this new version, trades originating from this functionality executed against the central order book may be identified in Binary Market Data.

**(\*) This functionality is subject to approval by the regulator. The effective launch date will be announced in due course.**

- 4. Templates file** – the updates to the Binary UMDF – Message Reference v1.8.0, Binary UMDF – Message Specification Guidelines v1.8.0 and b3-market-data-messages v1.8.0 may be consulted at [https://www.b3.com.br/en\\_us/](https://www.b3.com.br/en_us/), Solutions, Platforms, PUMA Trading System, Developers and vendors, Binary Markt Data, Binary UMDF. The update to the new version of the templates file **will not be mandatory** as it is retro-compatible with the previous version. The 1.8.0 version of the templates file will be updated in a certification environment as of **May 15, 2024**.

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In a production environment, the Binary Market Data publications will occur based on "Schema version" 9. The dates are detailed at <https://clientes.b3.com.br/en/>, Posts, News, Highlighted News, B3 Tech Launches | Trading, in the line UMDf Binary- Templates File Update.

**For the time being, this is just the groundwork for the templates file to support the publication of these new messages, which will in fact be published at a future date.**

- 5. Publication of the messages** – the publication of the new settlement price and open interest messages will be available for validation in a certification environment as of **August 19, 2024**. In regard to the publication of the **SWEEP\_TRADE** message, we will announce the date in due course.

In production, the update waves for the settlement price and open interest messages will be detailed at <https://clientes.b3.com.br/en/>, Posts, News, Highlighted News, B3 Tech Launches | Trading, UMDf Binary- Publication of the Settlement Price and Open Interest Messages.

Further information can be obtained from B3 Services – Trading Support by telephone on +55 11 2565-5021 or by email at [tradingsupport@b3.com.br](mailto:tradingsupport@b3.com.br).

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