

June 18, 2024  
036/2024-VNC

## EXTERNAL COMMUNICATION

Listed B3 Participants

Re.: **Market Data and EntryPoint: New Fields and Domains for the Launch of Sweep and Cross Functionality**

As part of the preparations to launch trading products and functionality and seeking to assist the planning of participants, vendors and investors, B3 hereby informs you that it is updating the technical specifications of FIX and Binary Dictionaries for the EntryPoint order entry interface, as well as of Market Data, and of the platforms' dictionaries, as described below.

### **New functionality: Sweep and Cross**

Sweep and Cross refers to an order execution strategy that involves two main stages: **(i)** the "sweep" stage which consists of entering orders against existing ones 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. B3's new Sweep and Cross functionality will allow the intermediary to carry out both stages by sending just one offer.

This functionality **is subject to approval by the regulator**. The implementation dates in the certification environment and the launch will be announced in due course.

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The specifications described below will be updated to support the new functionality.

## EntryPoint

### a) New domain at tag 549 – CrossType

Creation of the domain below for the messages that have tag 549 – CrossType.

Domain	Description
<b>4</b>	<b>Sweep and Cross:</b> A cross order that can be executed against existing orders in the order book up to a limited price and a sweep quantity followed by a cross order. Basically, the client selects one side of the cross order that will be executed against existing orders on the other side of the book, as long as the price in the order book is better or the same as the price in the cross order. Any remaining or total amount that is not executed in the order book will be executed by the cross order

### b) New Domains at tag 550 – CrossPrioritization

Creation of the domains below for messages that have tag 550 – CrossPrioritization.

Domain	Description
<b>1</b>	Buy side is prioritized
<b>2</b>	Sell side is prioritized

### c) Inclusion of the optional tag 35115-maxSweepQty

Inclusion of the tag responsible for limiting the maximum quantity for Sweep.

Tag	Description
<b>35115</b>	Maximum sweep quantity

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**d) Change to the Execution Report (35=8) message**

Inclusion of the tags below with the same characteristics as the tags in the NewOrderCross(35=s) message.

Tag	Description
<b>549</b>	CrossType
<b>550</b>	CrossPrioritization
<b>35115</b>	MaxSweepQty

**e) Creation of a new domain at tag 378-ExecRestatementReason**

Domain	Description
<b>210</b>	Cancel remaining from Sweep and Cross

**Market Data**

**a) New domain at tag 277-TradeCondition – FIX Protocol**

Incremental Messages(35=X) and Snapshot(35=W): creation of the domain below for the messages that have tag 277 – TradeCondition.

Domain	Description
<b>SW</b>	Sweep

**b) New domain at tag 829 - TrdSubType – Binary Protocol**

Creation of the domain below for the messages that have tag 829 – TrdSubType.

Domain	Description
<b>109</b>	SWEEP_TRADE: Sweep Trade (SW)

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The technical specifications for EntryPoint, as well as the FIX Dictionary (the FIX Equities and Derivatives Dictionaries have been unified into a single file) are available at [www.b3.com.br/en\\_us/](http://www.b3.com.br/en_us/), Solutions, Platforms, PUMA Trading System, Developers and vendors, EntryPoint: FIX Order Entry.

The Binary technical specifications are also available at [www.b3.com.br/en\\_us/](http://www.b3.com.br/en_us/), Solutions, Platforms, PUMA Trading System, Developers and vendors, EntryPoint: Binary Order Entry.

The Market Data technical specifications are available at [www.b3.com.br/en\\_us/](http://www.b3.com.br/en_us/), Solutions, Platforms, PUMA Trading System, Developers and vendors, Market Data FIX/FAST.

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

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