SEMOpx Information Notice – 21 May 2020

New M7 6.9 Release

Important information – Action required

- **New M7 6.9** release to **go live in July 2020**
- **New SIDC₁ remote orders feature:**
    - **New "unknown" order state** to improve the M7 re-synchronization with   SIDC after a disconnection
    - Mandatory test/update of your API application to handle this new state
    - All API schema versions impacted
    - GB and CH markets not impacted
- Advanced Simulation deployment in May 2020
- **New ComTrader 6.9.x version will be mandatory**

Dear API Customers and Members,

We are pleased to inform you about the new M7 6.9 release, which will include a new order state "unknown" (UKNW) as well as enhance system stability and performance. This new order state will improve the handling of the M7 re-synchronisation with SIDC (Single Intraday Coupling, formerly known as XBID) in case of a cross-border disconnection. There is no impact on ComTrader. We strongly recommend our members to revise their API implementation and modify it accordingly, if required.

The go-live of the M7 6.9 release is planned for July 2020, subject to successful testing.

The new M7 version will be deployed in the Advanced Simulation environment (ASIM) in May to give members the opportunity for testing. More information about the test scenario will be provided in a second communication before the deployment. Advanced Simulation Environment details can be found at the end of this communication.

1. New order state "unknown" (UNKN)

1.1 General information

In addition to existing order states (ACTIVE, INACTIVE, HIBERNATED), a new order state will be introduced: "**UNKNOWN**" (UNKN).

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1 **SIDC**: Single Intraday Coupling, formerly known as XBID

This improvement will help to identify SIDC orders, which were affected by a disconnection between M7 and SIDC. This will enhance the M7 re-synchronisation process with SIDC and provide a more accurate order state in M7.

1.2 Impacts of this change

Orders in UNKN state cannot be manually modified by a user and cannot be matched.

1.2.1 ComTrader

There will be no change in ComTrader behaviour. Orders in UNKN state are not displayed in the (public) Order book and appear only in your Own Order book with a small padlock symbol (see screenshot below), which is the same as the one already used when orders are hibernated.

A new ComTrader 6.9.x version adapted to this M7 6.9 release will be available in production at least 2 weeks before the M7 release go-live. **This new ComTrader 6.9.x version will be mandatory**.

1.2.2 TC540 Report

The new order state will not change the behavior of the reporting. In case of disconnection, the same code (actnCod "H") will be used for hibernated orders and orders with the new UKNW state.

1.2.3 M7 API - New order state "UNKN" and Action Code "SNAV" (SOB Not Available)

When M7 gets disconnected from SIDC (manually by EPEX Market Operations or automatically for a technical reason):

- Currently:

　　o Remote Orders are updated in the M7 database with a specific unknown state, which is translated in API messages in a "HIBE" (Hibernated) state.

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o As a result, M7 reflects these changes by broadcasting:

▪ Own order updated state: *Order Execution Report* message with state = HIBE and action = SHIB for impacted "own orders" (orders linked to a BG to which the connected API user is assigned)

▪ *Public Order Books Delta Report* message (hibernated orders not being displayed anymore in order books)

- **As of M7 6.9 launch**:

o The "UNKN" state will be directly reflected in API order messages (without being translated to HIBE).

o As a result,

▪ In *Order Execution Report* messages broadcasted to your app by M7 for your own remote orders there will be a **new state** and a **new action**:

- state = UNKN
- action = SNAV (SOB Not Available)

▪ Unknown orders will of course not be displayed either in order books: *Public Order Books Delta Report* are still sent exactly like in 6.8

▪ Order Requests message will also be impacted: Order Execution Reports sent as a response will as well reflect these changes

Please note that this change concerns all API applications, whatever API schema version (XSD file) they use.

No conformance test is required for M7 6.9 for existing applications, as long as

- You do not switch from a read-only to read-write app
- You do not change the number of AMQP objects used (AMQP connections, channels, queues), or the message acknowledgement method (automatic/manual)

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1.3   Advanced Simulation Environment details

Advanced Simulation environment (two-sided)		
ASIM ComTrader	Download link:	http://comtrader-advsimu.epexspot.com/
	Profile Server:	https://exte1.profiles.m7.deutsche-boerse.com:60100/ https://exte2.profiles.m7.deutsche-boerse.com:60100/
	AMQP M7 Server:	advsimu1.epex.m7.deutsche-boerse.com:50240 advsimu2.epex.m7.deutsche-boerse.com:50240
ASIM M7	Report WebGUI:	https://advsimu1.epex.m7.deutsche-boerse.com:60240/ https://advsimu2.epex.m7.deutsche-boerse.com:60240/

If you require any points to be clarified, please contact info@semopx.com and your query
will be routed to the relevant point of contact.

Best Regards,

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