SEMOpx Information Update – 05 November 2019

New ETS 3.3.2 version due to be launched on 27 November 2019

Important information

- ETS 3.3.2 version will offer a new type of report with harmonised trade and trader ID
- Harmonised Trade ID across existing reports (ECC report and REMIT report)
- Trade and Trader ID data will also be available through API
- Impact of ETS API 3.3.2, API schemas decommission announcements for Q1 2020
- Availability of ETS 3.3.2 in Simulation 2 environment as of 15 October 2019 Trading Day
- Member tests will take place on 05 and 13 November 2019 Trading Day for delivery dates 06 and 14 November 2019 for DAM and IDA1 and 05 and 13 November 2019 for IDA3
- Go live date scheduled on **27 November** first trading day, *subject to successful testing*

Dear SEMOpx Member,

ETS 3.3.2 go-live

SEMOpx will introduce a new ETS 3.3.2 version on 27 November 2019 Trading Day, subject to successful testing. Member tests will take place on 05 and 13 November 2019 Trading Day, for Delivery Dates 06 and 14 November 2019 respectively for DAM and IDA1 and Delivery Dates 05 and 13 November 2019 for IDA3. The new ETS 3.3.2 client has been made available for download and was made available in the simulation 2 environment as of 15 October 2019 Trading Day.

For members using the **Upgradable version of ETS client**, the new client will upgrade automatically to adapt its version to the one used by the ETS server when logging in.
For members using the **Fixed version of ETS client**, the new version has to be installed. An ETS Installation guide can be found on our website.

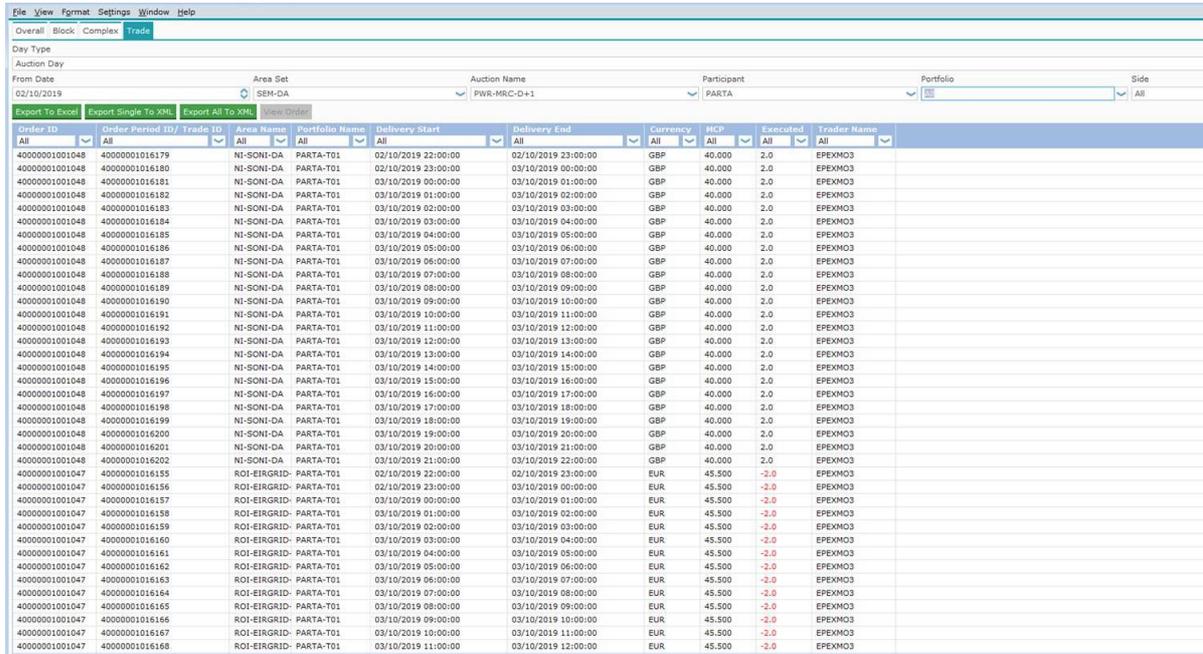The *Production* server address remains the same: ets.svpx.epexspot.com port 443

ETS Changes

New Trade Report
The new ETS 3.3.2 version will generate a new file: the trade report file containing a unique identifier, which will allow you to easily make the link between orders and trades in ETS and reports generated during the post-auction process such as the ECC trade file and REMIT reporting.

You will find a sample file of the new trade report as well as the .xsd file and a technical description of the new report in the files published to accompany this information notice.

The trade report will also be available in the ETS client in the Market Results window, as shown in the screenshot below.

Harmonised Order and Trade ID format in existing reports

As of the ETS 3.3.2 version go live, existing reports will also use the same, harmonized Order and Trade ID format with 14 digits. Publised with this information notice are sample files in zipped format of the existing reports listed below:

- REMIT report (REMIT Auction file published on the SEMOpx website); and
- ECC trade report will also contain the new Trade ID in the "Exchange Trade ID" field.

	Current situation/format	New situation/format
REMIT report	UOI* : [OrderType]_[Auction start time]_[ETS Portfolio]_[Delivery area]_[Delivery Start]_[Duration] Example : LO_201909060900_GU_XXXXXX_ROI-EIRGRID-DA_201909062200_60 UTI**: [TradeType]_[Auction start time]_[ETS Portfolio]_[Delivery area]_[Delivery Start]_[Duration]	UOI : 14 digits Example: 10000000476370 UTI : 14 digits Example: 10000000497073 LinkedOrderId : 14 digits Example: 10000002644746 PreviousOrderID : 14 digits

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Example:
LT_201909060900_AU_XXXXXX_ ROI-EIRGRID-DA _201909062300_60

LinkedOrder ID : same as UOI
Example :
LO_201909060900_GU_XXXXXX_ ROI-EIRGRID-DA _201909062200_60

Example: 10000000476369

*UOI: UniqueOrderIdentifier
**UTI: UniqueTransactionIdentifier

Reminder Reasonable Control Parameters functionality

We would like to take this opportunity to remind you about the 'Reasonable Control Parameters' (RCP) functionality available on ETS, that allows traders to define safety checks for their bids: in case a bid deviates from set parameters, an alert will be displayed. This functionality helps prevent bidding mistakes. Concretely, the RCP gives the possibility to define volumes variation thresholds and the order side (sell/buy) at the minimum and maximum prices, which trigger an alert in case they are reached/fulfilled.

For more information please refer to **page 109** of the SEMOpx ETS trader manual available **here.**

ETS API 3.3.2 Impacts

1) A new Method to access new Trade Report

Members who want to benefit from Market Results information at a trade level ("Trade Report") must upgrade to the new API 3.3.2 schema available in the attached new WSDL file.

This new API 3.3.2 schema offers a new method **RetrieveTradesReportFor** that enables to retrieve this new report.

Different options (*) can be used in the request to filter the content of the response:
- **Index**: to retrieve or not the **Market Area Index** part (public results)
- **TradeArea**: to retrieve **your *trades* list** or not (including the Trade ID, Trader ID, etc.)
- **Curve**: to retrieve details about **orders** **involved in the trades**

(*) True/False, True by default for members if not specified.

Please note that the current Market results only offers aggregated data at a portfolio / area / order type level. The new report contains all the details required to rebuild the content of the current report if necessary and much more, as detailed in the attached *Trade Report* documentation.
The response to this request is a pure structured XML response (not a .csv content embedded in an XML message), the XML Trade report detail being featured in the <TradeReportResult> tag.

The ETS Client can be used as a backup solution:
In case your API would not be available, or just for the comfort of testing, the ETS Client accompanying ETS 3.3.2 version enables to export market results (or "Trade Report File") in the same XML format as the related sub-part in the API <TradeReportResult> tag.

The current method *RetrieveMarketResultsFor* is still available in the 3.3.2 API schema. But it will be decommissioned in the next ETS 3.4 version expected in Q1 2020.

API and Client testing of the new Trade Report is not mandatory. However, Members using API are recommended to test the new API 3.3.2 schema to RetrieveTradesReportFor. If Members are not available on the Member Test dates, Members can submit orders in advance and retrieve the reports after the Member Test dates. The Trade Reports will remain in the Simulaion environment for 15 days after publication. As Client access is the backup solution in case of API issues, testing via Client can also be considered recommended.

2) Supported API schema versions:

The old API schemas 2.10 and 3.0 will be decommissioned with ETS API 3.4 in Q1 2020.
Should you still use one of these schemas please start preparing the upgrade of your API application to a supported WSDL version, ideally 3.3.2 to benefit from the new Market Results Status (introduced with ETS V. 3.3.1) and the Trade Report.

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API Schema	ETS API 3.3.1	ETS API 3.3.2	ETS API 3.4
API 2.10	Supported	Supported	Decommissioned
API 3.0	Supported	Supported	Decommissioned
API 3.2	Supported	Supported	Supported
API 3.3.1	Supported	Supported	Supported
API 3.3.2	N/A	Supported	Supported
API 3.4	N/A	N/A	Supported

3) **Decommission of deprecated tags to come in 3.4:**

Deprecated tags are old tags that SEMOpx still supports but only for backward compatibility reasons. In general we recommend you to stop using these deprecated tags and use the support ones instead, to upgrade more easily to the latest API schema.

These deprecated tags will be decommissioned from the 3.4 API schema with the release of ETS API 3.4 in Q1 2020.

Applications using API schemas 3.1, 3.2 and 3.3.x will be still able to use these deprecated tags. When using these tags, please be aware the API server will insert in the response a warning message : ***Used deprecated Choice : <deprecated tag name>***.
It is not related to any error but just to warn you that your application is using a old tag.

You will find in the attached document ***ETS API_Deprecated Tags Decommission List.xlsx*** the initial list of deprecated tags that will be decommissioned with 3.4. Should this list be further extended to additional tags we will inform you in advance.

SEMOpx have updated the Data Publication Guide, and have published a tracked changed draft version to detail the changes to the below reports as a result of ETS V3.3.2 is implemented. The Data Publication Guide outlines the format and structure of the files published on the SEMOpx website. ETS V3.3.2 will impact the following SEMOpx website reports:

- Auction REMIT file specification
- Market Results & Bid File changes

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Simulation environment

For members using **the upgradable version**, when logging in, the new client will upgrade automatically to adapt its version to the one used by the ETS server.

For members using **the fixed version**, the new version must be installed. An ETS Installation Guide can be found on our website.

For testing purposes SEMOpx offers 2 simulation environments. **Please note that simulation 2 environment will be used for ETS 3.3.2 member tests:**

Environment	Simulation 1	Simulation 2
Availability date	Already available	15/10/2019
ETS version	3.3.1	3.3.2
Server address	ets-simu1.svpx.epexspot.com port 4443	ets-simu2.svpx.epexspot.com port 4443
API server address	ets-simu1.svpx.api.epexspot.com port 4444 https://ets-simu1.svpx.api.epexspot.com:4444/OpenAccess/3.3	ets-simu2.svpx.api.epexspot.com port 4444 https://ets-simu2.svpx.api.epexspot.com:4444/OpenAccess/3.3
WSDL version	3.3	3.3.

The same certificate is used for both production and simulation environments.

Existing Simulation 2 credentials can be used for testing. Should Members require a password reset, please contact marketoperations@ops.semopx.com

Simulation 2

- o   Users can connect to this environment
    - o   ETS client installed as **fixed version** 3.3.2 can be tested on simulation 2 environment upon installation.

o ETS client installed as **upgradable version** upgrades automatically to version 3.3.2 by connecting to simulation 2 environment and downgrades back to 3.3.1 when connecting to Production environment before ETS 3.3.2 Go Live.

Member tests

Trading Date	Scenarios	SEMOPX DAM*	SEM IDA1*	DAM & IDA 1 Delivery Date	SEM IDA3	IDA3 Delivery Date
05/11/19	Normal	14:30	15:00	06/11/19	15:30	05/11/2019
13/11/19	Normal	14:30	15:00	14/11/19	15:30	13/11/2019

To participate in the member tests, you just need to submit your orders on the simulation 2 environment, no registration is required.

Testing further elaborated as follows:

(1) Before the relevant Auction Members can submit orders via API and/or Client
(2) Post the relevant Auction, Members can carry out the following optional testing - Retrieve Trade Report via API and/or Client
(3) Members may optionally email marketoperations@ops.semopx.com to confirm the testing they have carried out
(4) MarketOperations@ops.semopx.com will provide feedback to Members in specific cases e.g. where Login behavior is not in keeping with API Terms of Reference
   a. Members that have completed Member tests and are in keeping with API Terms of Reference will not receive feedback

Please do not hesitate to contact us should you require any further information.

Yours faithfully,
SEMOpx Team

Appendix (Supporting files published with this Information Notice):

1. Trade Report including public file specifications, sample files and xsd. (Recommendation for API members to test the new schema, see above for more information)
2. Sample REMIT Auction file. (Changes to files published on SEMOpx website)
3. ETS API including sample request and response files, WSDL and Deprecated Tags list. Recommendaton for API members to prepare for the upgrade.)
4. ECC Trade Report sample
5. Data Publication Guide – Tracked Changed v4.0.(Changes to files published on the SEMOpx website; REMIT Auction file, MarketResults and BidFile)

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