

XBID_JOINT_CFG_01: SM Configuration

Version	1.0	
Date	29/09/2017	
Status	<input checked="" type="checkbox"/> Draft	<input type="checkbox"/> Final

Approval

Version	Date	Name	Function	Signature

Previous versions

Version	Date	Author	Summary of changes
0.1	22/02/2017	Svk	Initial draft
0.2	23/03/2017	O TF	Cleaned up and made ready for testing
0.3	25/08/2017	Svk	Updated after UAT-IV
0.4	12/09/2017	Svk	Updated after LTF comments
1.0	29/09/2017	T. Bus	Cleaned

Remarks

The purpose of this procedure is to provide a clear description of what every Party involved in the Single Intraday Coupling process, has to do with regards to a configuration change in the Shipping Module of the XBID System. This procedure is also governed by the Change Control Procedure.

Contents

- 1. Introduction..... 3
 - 1.1. Governed / Regulated by 7
 - 1.2. Tools and communication protocols..... 7
 - 1.3. Associated procedures 7
- 2. Procedure 7
 - 2.1. Preconditions to start..... 7
 - 2.2. General overview 7
- 3. Final state 9
- Annex 1: XBID Entity Relationship Diagram (ERD) 10
- Annex 2: User Roles and Rights 11

1. Introduction

Configurations performed in the Shipping Module (SM) needs to be done in a coordinated way since they may affect all XBID Parties and create risks for the market. The technical description on how to preform configurations is available in the SM User Manual (MFG470 - SM User Manual).

The objective of this document is to provide an overview of all the needed actions that have to be taken in case of the following changes in the Reference Data in the SM:

- Create, modify, delete User Group
- Create, modify, delete User
- Create, modify, delete Shipping Agent (SA), including
 - Assign Delivery Areas (DA) to SA
 - Assign SA to Interconnector (=establish Shipping Arrangement)
- Create, modify, delete Central Clearing Party (CCP), including
 - Assign DA to CCP
 - Assign Member per DA to CCP

The following actions will only impact the parties themselves. Hence, they are to be performed by the relevant Local Administrators and are therefore out of scope for this procedure:

- Enhance TSO information
- Configure, modify or delete File Transfer Configurations

Reference data in the SM refers to entities that are *external*, i.e. inherited from SOB or CMM, or *internal*, i.e. created in the SM.

The following external reference data entities are inherited by the SM from SOB or CMM:

Reference Data Entity	Attributes	Created/modified in
<u>Exchange Member</u>	ID, name, Delivery Area, Status	SOB
<u>Market Area (MA)</u>	EIC, Long Name, Short Name, Status	CMM
<u>Delivery Area (DA)</u>	EIC, Long Name, Short Name, Market Area, Status	CMM
<u>TSO</u> ¹	EIC, EIC V-code, Long Name, Short Name	CMM
<u>Interconnector (IC)</u>	Name, Delivery Area 1, Delivery Area 2, Status	CMM
<u>Data Intermediary (DI)</u>	<u>EIC, Short Name, Long Name, E-mail address, ECP Endpoint ID, Certificate</u>	<u>CMM</u>

Table 1 External reference data

The attributes of external reference data cannot be changed in the SM, only viewed. If these attributes needs to be changed, the change must be done by the Central Admin in the XBID System module "owning" the reference data, i.e. in the SOB or the CMM.

¹ This information is enhanced in Shipping Module by details for automated communication

However, the reference data for the TSO and DI entities can be enhanced within the SM.

- The TSO can be enhanced with additional attributes related to the configuration of communications channels for email and ECP.
- The DI can be enhanced with additional attributes related to the configuration of communications channels for email.

Note: The rest of this procedure only refers to the **internal reference data** of the SM. For procedural information on creation, modification or deletion of external reference data, refer to the appropriate process description:

- XBID_TSO_CFG_01, CMM - Balancing Group and User Management,
- XBID_TSO_CFG_02, CMM - Master Data Management,
- XBID_NEMO_CFG_01 SOB Configuration.

The following internal reference data can be created, modified or deleted in the SM:

Reference Data Entity	Attributes	User role to perform this action
<u>User Group</u>	Entity Group (one to be assigned), Entity (one or multiple to be assigned), EIC, Name, Status	Super Admin
<u>User</u>	Login ID, Name, Email Address, Status	Super Admin
<u>Shipping Agent (SA)</u>	EIC for SA files, EIC for TSO files, ID3 (currently not used), Long Name, Short Name, Email1, Email2, Status, preferred SA	Super Admin
	Assign SAs to interconnector	TSO Admin
	Assign DAs to SAs	Super Admin*
Central Clearing Party (<u>CCP</u>)	EIC for CCP files, EIC for TSO files, ID3, Long Name, Short Name, Status, preferred SA, actions Assign Delivery Areas to CCP	Super Admin
Exchange member	Assign Exchange member per DA to CCP	Super Admin

Table 2 Internal reference data

* Please note: this task technically can be performed by the Shipping Agent Admin as well, but it is agreed that this is only to be done by the Super Admin.

The SM applies *external* and *internal* assignments. The entity relationships represent the internal and external assignments applied between the entities. External assignments cannot be changed in the

SM as these assignments are established in other modules. Internal assignments are only performed in the SM. The full XBID Entity Relationship Diagram (ERD) is attached in Annex 1.

User Group

The User Group allows combining multiple users with different roles under the same party (CCP, SA, or TSO). A User Group is established within the SM itself. The necessary user right is “Create, modify, delete User Group”. The User Group can only be deleted if no active assignments are valid for this entity. The deletion can be performed independently from the status of the User Group. The User Group needs to be created first, before creating a User.

The attributes necessary for the creation of the User Group are:

- Attribute name: Entity Group (one to be assigned)
- Attribute name: Entity (one or multiple to be assigned)
- Attribute name: EIC (key which helps recognising the User Groups within the GUI)
- Attribute name: Name (actual name of the User Group and represents a second key by which the User Groups are recognised within the GUI)
- Attribute name: Status

User groups can be created, deleted and modified by the user role Super Admin.

User

The entity User is established within the SM itself. The necessary user right is “Create, modify, delete User”. A User can be deleted independently from active User assignment but only when set to status inactive first.

The attributes necessary for the creation of a User are:

- Attribute name: Login ID (used for logging in to the SM)
- Attribute name: Name (actual name of the user)
- Attribute name: Email Address (email address, to which the user password will be mailed subsequent to a new user creation, or password reset)
- Attribute name: User group (the user needs to be assigned to a User Group)
- Attribute name: Roles (to set the rights for this user)
- Attribute name: Status

Users can be created, deleted and modified by the user role Super Admin.

Refer to Annex 2 for an overview of the respective User Roles and Rights available in SM.

Shipping Agent, SA

The Shipping Agent(s) (SAs) is/are the entity or entities with the task of transferring Net Positions between different CCPs. The entity SA is established within the SM itself. An SA can be deleted only when set to status inactive first. Configuration related to Shipping Agent needs to be done by the Super Admin and TSO Admin.

The attributes necessary for the creation of a SA are:

- Attribute name: EIC for SA Files (EIC identifier applied for SA files)
- Attribute name: EIC for TSO Files (EIC identifier applied for TSO files)
- Attribute name: ID3 (optional identifier in order to allow for specific filtering)
- Attribute name: Long Name (reflects the full name of the entity)
- Attribute name: Short Name (reflects the short name of the entity and serves as another identifier within the system)
- Attribute name: Email 1 (serves as email address for receiving emails from the SM)
- Attribute name: Email 2 (serves as an optional second email address for receiving emails from the SM)
- Attribute name: Status
- Attribute name: Differentiator constant (the SM assigns unique random number within predefined interval between 1 and 100 000 to each SA entity at the time of its creation to be used by the SM, if needed, for determining which SA is responsible if a split path situation occurs.
- Additional attributes can be derived by assignments, e.g. Preferred Shipping Agent (by default the SA is configured as preferred Shipping Agent by SM).

A SA can be created, deleted and modified by the user role super admin. Deleting a SA can only be done when the SA is inactive. The SA's status cannot be set to inactive as long as it is acting as preferred SA of a CCP/SA or is assigned to an interconnector. If the SA acts as shipping entity in an enhanced trade flow present in the system, the SA cannot be deleted.

Central Counter Party, CCP

The CCP is the entity with the task of entering into contracts with market participants, by novation of the contracts resulting from the matching process, and of organizing the transfer of Net Positions resulting from capacity allocation with other central counter parties or SAs. The entity CCP is established within the SM itself, it's not inherited from another system module.

The attributes necessary for the creation of a CCP are:

- Attribute name: EIC for CCP Files (EIC identifier applied for CCP files)
- Attribute name: EIC for TSO Files (EIC identifier applied for TSO files)
- Attribute name: ID3 (This is an optional identifier in order to allow for specific filtering)
- Attribute name: Long Name (reflects the full name of the entity)
- Attribute name: Short Name (reflects the short name of the entity and serves as another identifier within the SM)
- Attribute name: Email 1 (serves as email address for receiving mails from the SM)
- Attribute name: Email 2 (serves as an optional second email address for receiving mails from the SM)
- Attribute name: Status
- Attribute name: Preferred SA (assign SA from the list)

Additional attributes can be derived by assignments.

A CCP can be created, deleted and modified by the user role Super Admin. Deleting a CCP can only be done when it is inactive. The CCP's status cannot be set to inactive as long as it is assigned to an exchange in any DA. If the CCP acts as shipping entity in an enhanced trade flow present in the system, the CCP cannot be deleted.

Exchange Member

The Exchange member will be partially external updated. Only per DA the CPP needs to be configured per Exchange member.

- Attribute name: Assign Exchange member per DA to CCP

1.1. Governed / Regulated by

This procedure is governed by

- Intra Day Operations Agreement (IDOA)
- XBID_JOINT_03: Change Control Procedure (Exhibit 3 of the IDOA).

1.2. Tools and communication protocols

- XBID System reference and master data including CMM, SM and SOB
- NEMOs Pre-Coupling and Post-Coupling Modules (common and local)
- TSO Pre-Coupling and Post-Coupling Systems (common and local)

1.3. Associated procedures

- None

2. Procedure

2.1. Preconditions to start

A precondition for any change in the Reference Data in the SM is a request for change has been approved by OPSCOM in accordance with the XBID_JOINT_03: Change Control Procedure.

2.2. General overview

For changes in the user setup, i.e. changes related to user and user groups

- The Implementation Manager will send out all necessary information to relevant parties and make sure that this procedure is followed.
- The changes have to be documented as stated in the XBID_JOINT_Change Control Procedure
- For adding or removing user accounts, the process steps tabled below do not have to be followed.

For changes in the configuration of the XBID System related to Reference Data, i.e. changes related to Shipping Agent and CCP

- The Implementation Manager will send out all necessary information to relevant parties and make sure that this procedure is followed.
- Configuration changes in the XBID System should always, when possible, be made in a production like test environment before it is applied to the production environment.

- The Single Intraday Coupling should be halted before performing the change on the production environment.
- Any configuration change should be checked by Parties as agreed in the OPSCOM to ensure that no mistake has occurred.
- The changes have to be documented.

In the following table the procedural steps are described in the context of XBID Market.

#	Process	Start - End	From	To	Tool	Backup	Fallback
1	A change request is sent to the OPSCOM according to the Change Control Procedure	According to Change Control Procedure	From Party requesting Change	To the Change Administrator		n/a	n/a
2	The Change request is approved by the OPSCOM and an Implementation Manager is chosen.	According to Change Control Procedure	OPSCOM	Implementation Manager		n/a	n/a
3	All necessary steps to prepare for change are made. (Procedural change information to Parties etc.)	According to Change Control Procedure	Implementation manager				
4	If applicable publish information to the market	If applicable according to local rules and regulation	Affected Parties	Market Participants		n/a	n/a
5	Communicate to other affected Parties	According to Change Control Procedure	Implementation Manager	All affected Parties		n/a	n/a
6	Implement configuration in the preproduction (simulation) test SM	In accordance with user manual	Implementation manager or under the responsibility of the Implementation manager			n/a	n/a
7	If applicable: Test of changes if possible *This step is only applicable if required by the Change Control Procedure.	Administrated by the Implementation manager	Affected TSOs and affected NEMOs				
8	Implement configuration in the SM during operational call for purpose of coordination	In accordance with user manual	The Implementation Manager			n/a	n/a

9	If applicable: Implement changes in local systems	Administrated by the Implementation manager	Affected Parties			Affected Parties	n/a
10	Verify configuration in the SM	Administrated by the Implementation manager	The Implementation manager	All Parties to verify the change			
11	Communicate to all Parties in XBID that the changes has been made	Administrated by the Implementation manager	The Implementation manager	All Parties		n/a	n/a

3. Final state

This procedure ends once the configuration change has been implemented in the production system and it has been verified by all affected Parties.

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

[Redacted]

