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## 1. Introduction

This procedure explains what should be done in SIDC in case one or more IDA Nemo Operators need to abort a running Market Coupling Session (MCS), how to restart it and how to create a new session.

### 1.1. Purpose

The purpose of this procedure is to describe the steps that should be followed by the IDA Nemo Operators in case they have to abort a Market Coupling Session that is in progress, how to restart the Market Coupling Session and how to create a new one.

### 1.2. Governed / Regulated by

- All NEMO Intaday Operational Agreement
- Intraday Auctions – Detailed design
- Intraday Auctions Implementation HLC

### 1.3. Associated procedures

- IDA\_NEMO\_BUP\_01-Configuration Synchronization
- IDA\_NEMO\_BUP\_04: Calculation Process
- IDA\_NEMO\_BUP\_06: Preliminary Confirmation of the Results
- IDA\_JOINT\_BU\_02: Final Confirmation of the Results
- SIDC\_JOINT\_FAL\_01: Incident Management
- IDA\_NEMO\_EXC\_02 Partial Decoupling
- IDA\_NEMO\_NOR\_24: IDA Report and Euphemia Session Dump

## 2. Procedure

### 2.1. General overview

Table 1 - Abort of the Market Coupling Session

Steps	<i>Description: Abort Market Coupling Session in PMB</i>
1	In case an IDA Nemo Operator needs to abort an active Market Coupling Session, he should go to Fallback / Market Coupling Session page and abort the “Active” Market Coupling Session

Table 2 - Restart of the Market Coupling Session

Steps	Description: Restart Market Coupling Session in PMB
1	In case an IDA Nemo Operator wants to restart a running Market Coupling Session (MCS), the Local PMB should be switched to Manual Mode.
2	Once the Local PMB is in Manual Mode, the IDA Nemo Operator can restart the MCS by clicking on the Restart button.
3	All Local PMBs will manually activate the Configuration Synchronization step.
4	<p>a) <b>If the restart of the MCS is performed before the PMB GCT</b>, all the Local PMBs are switched back to Automatic mode and the normal procedures will be followed. All IDA Nemo Operators confirm if the Network Data and Order Data steps were successfully activated. (The next steps will <b>not</b> be performed.)</p> <p>b) <b>If the restart of the MCS is performed after the PMB GCT</b>, all the Local PMBs will be kept in Manual Mode and the next steps will be performed.</p>
5	All the IDA Nemo Operators manually activate the Network Data and Order Data steps in the Local PMBs.
6	All Local PMBs are kept in Manual Mode until all the needed Network Data and/or Order Data are received.
7	As soon as all the needed input data is confirmed, The IDA Coordinator changes the PMB GCT to 1 minute from the current time.
8	All IDA Nemo Operators confirm the update of the PMB GCT in their Local PMBs.
9	All Local PMBs are switched back to Automatic Mode before the new PMB GCT is reached.
10	All the IDA Nemo Operators confirm the start of the calculation in their Local PMBs. All the IDA Nemo Operators continue the MCS by applying the relevant procedures.

Table 3 - Create a new Market Coupling Session

Steps	Description: Create new Market Coupling Session in PMB
1	In case an IDA Nemo Operator wants to create a new Market Coupling Session, he should go to Fallback / Market Coupling Session page, check the delivery date (or select a different one), check the IDA session (or select a different one) and create the new session.

## 2.2. Process clarification

### Abort of the Market Coupling Session

In case an IDA Nemo Operator has to abort a running MCS, he has to go to the Market Coupling Session window from the Fallback Menu.

From there, he has to look at the session which is in “Active” state and then to click the “Abort session” button. The MCS will go in “Abort” state and all the sub-processes in the dashboard will go to “Abort” state as well.

Remark: If files were received before the abort of the MCS, all the input data will be lost and, if needed, they will have to be resubmitted with a higher version or different Document ID.

### Restart of the Market Coupling Session

Restarting a Market Coupling Session means that the MCS will be restarted from the first sub-process (Configuration Synchronization) but maintaining the already submitted input data (Network Data and Order Data) that have already been sent by the IDA Nemo Operator. This process can be used in case a IDA Nemo Operator has to change the Order Data or Network Data, but the input data of the other IDA Nemo Operator remains valid.

In case an IDA Nemo Operator wants to restart a Market Coupling Session, he has to switch the Local PMB to Manual Mode from the Fallback Menu in order to make the “Restart session” button appear.

If all the IDA Nemo Operators need to restart the MCS at the same time, the IDA Coordinator will indicate the actions to be performed in the Local PMBs, according to Table 2. These actions will be performed during an Incident Committee.

Once the Local PMB is in Manual Mode, the IDA Nemo Operator has to click the “Restart session” button from the dashboard screen and confirm the action. The dashboard will reset all the sub-processes executed and will put all the sub-processes in “Pending” state.

After this action, in order to reach the Network Data and Order Data “Active” status, the play button should be clicked for the Configuration Synchronization step. The sub-process becomes “Active”. As soon as all the configurations are checked automatically by the Local PMB, the Configuration Synchronization step goes to “Completed”.

**If the restart of the MCS is performed before the PMB GCT**, all the Local PMBs will be switched back to Automatic mode and the normal procedures will be followed. All IDA Nemo Operators will check if the Network Data and Order Data steps were successfully activated.

**If the restart of Market Coupling Session the MCS is performed after the PMB GCT**, all the Local PMBs will be kept in Manual Mode and the next steps will be performed.

All the IDA Nemo Operators will manually activate the Network Data and Order Data steps in the Local PMBs and confirm once this is done.

All the Local PMBs remain in Manual Mode until all the needed Network Data and/or Order Data are received. Every PX needs to confirm the version of their input data files.

The IDA Coordinator changes the PMB GCT to 1 minute from the current time and all the IDA Nemo Operators confirm the update of the PMB GCT in their Local PMBs.

All the Local PMBs are switched back in Automatic Mode before the new PMB GCT is reached. This is needed in order to start the calculation at the same time.

All the IDA Nemo Operators confirm the start of the calculation in their Local PMBs.

All the IDA Nemo Operators continue the MCS by applying the relevant procedures.

## Create a new Market Coupling Session

In case all IDA Nemo Operators need to create a new Market Coupling Session, they have to go to the switch Market Coupling Session in the Fallback Menu.

From there, they have to choose the Delivery Date (default delivery date is tomorrow) and the proper IDA session. The IDA Nemo Operator can change this date/IDA session if he wants to run another delivery date/IDA session. When the right delivery date and session are selected, the IDA Nemo Operator has to click the "Create new session button". A new session is created.

Pop-up notification message will be shown in the PMB screen with information about the new MCS. The notification will contain two buttons: "Close" and "Switch to new MCS". All users will have the ability to see this button and immediately switch to the new MCS or stay in the same. The notification will raise up in the case of automatic creation and also in the terms of manual one.

**Important remark is included in the notification: "Please be aware that staying in the current session may cause performance issues". This means that, when multiple users logged in various MCS, impact and slowdown of the application may be affected. That is because, in case some users switch to the new MCS but some other don't (PMB allows 10 users at the same time, but only 1 as IDA Nemo Operator), PMB has to manage more than one MCS in one time, but PMB is keeping in cache only one MCS; when two (or more) users will work in more than one MCS, PMB has all the time rewrite cache.**


If the IDA Nemo Operator switches to the new MCS, in the dashboard the status is indicated as "Active" and the first sub-process is activated.

During the Market Coupling Session, in case one **IDA Nemo Operator** needs to abort and create a new MCS, they have to communicate to the IDA Coordinator and Incident Committee will be launched.

Then, during the IC, the problem will be analyzed and if the problem only affects him (for example, problem in starting the MCS process (see ANDOA\_BUP\_01, step 1), then only the involved IDA Nemo Operator aborts and creates a new MCS. In this situation, the involved IDA Nemo Operators will have a different PMB session ID than the rest of the IDA Nemo Operators and they will receive all the files from the IDA Coordinator in back-up mode, according to the principles for sending files in back-up mode listed in the backup procedures.

If any IDA Nemo Operator has to abort during the MCS, this information has to be written in the IDA Report according to the IDA\_NEMO\_NOR\_24 procedure.

## 2.3. Operational Manual Reference

See chapter Switch Market Coupling Session in the Operational Manual (User Guide provided by )