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## 1. Introduction

This procedure describes the process of verifying that all connected [REDACTED] have activated the same version of the Shared Configuration file. It should occur with large anticipation before order book closure, in order to solve possible misalignment between NEMOs.

### 1.1. Summary

The first process of the Market Coupling Session is the verification of the [REDACTED] and Algorithm configurations for each [REDACTED]. The common parameters of the [REDACTED] and Algorithm must always be identical for all [REDACTED].

In a normal situation, this process is automatically launched when the PMB Start Time is reached.

All the [REDACTED] send their current Shared Configuration file to the Cloud and also receive the Shared Configurations files from the other [REDACTED]. When a Local [REDACTED] receives the Shared Configuration file, it compares it with its own Shared Configuration file, which must be "equal" for all [REDACTED].

### 1.2. Governed / Regulated by

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

### 1.3. Associated Procedures

- **In normal situation:** If the Configuration Synchronization process is finished successfully, the process continues automatically with the next steps:
  - IDA\_NEMO\_NOR\_07 - Send IDA network data to [REDACTED] and Cross-check IDA network data
  - IDA\_NEMO\_NOR\_08\_Aggregate order books and send to [REDACTED]
- **In backup situation:** As soon as an event occurs that prevents the normal performance of the IDA\_NEMO\_NOR\_06 process step, the [REDACTED] refer to procedure IDA\_NEMO\_BUP\_06.

## 2. Procedure

### 2.1. Preconditions to start

All PMBs of all Operator must be online.

### 2.2. General overview

Steps	Description: Configuration Synchronization in [REDACTED]	Start Time	Target Time	Message ID	From	To	C	BC	NC
1	The [REDACTED] initiates the process when the PMB Start Time is reached.	IDA1 13:30 D-1 IDA2 19:00 D-1 IDA3 8:30 D	-	-	-	-			

Steps	Description: Configuration Synchronization in [redacted]	Start Time	Target Time	Message ID	From	To	C	BC	NC
2	All [redacted] creates a notification in the GUI that the new Market Coupling Session has been started, requests for Synchronization and distributes to the Cloud its Shared Configuration file containing its [redacted] and Algorithm configuration.	-	-	[redacted]	PMB	Cloud			
3	The Local [redacted] receives the Shared Configuration file from another [redacted] through the Cloud, and saves it in the database.	-	-	[redacted]	Cloud	PMB			
4	The Local [redacted] compares the received Shared Configuration file with its own active Shared Configuration file and indicates if the content is equal.	-	-	-	-	-			
5	The Local [redacted] repeats the steps 3 and 4 until all the Shared Configuration files are validated.	-	-	-	-	-			
6	The Configuration Synchronization process is completed when all the configurations of all Local [redacted] are equal.				-	-			

	[redacted]
	Without [redacted]
	This role cannot execute it
Opt	Optional for each IDA Non Coordinator (IDA NEMO Operator)
C	IDA Coordinator
	[redacted]
NC	[redacted]

### 2.3. Process clarification

All of the following steps are mandatory for all the PMBs.

1. At Start Time, the Local [REDACTED] automatically activates the new Market Coupling Session (already created at: 11:00 D-1 for IDA1; 18:00 D-1 for IDA2; 6:00 D for IDA3), by indicating in the dashboard that the Market Coupling Session is "[REDACTED]". A message stating that the Market Coupling Session has started is written in the Notifications in the left part of the [REDACTED] GUI.
2. The Configuration Synchronization starts with the sending of the Configuration check signal message ([REDACTED]) from the Local [REDACTED] to all the other [REDACTED]. The status of the Configuration Synchronization is set to "Active".
3. The Local PMB will receive from all the other [REDACTED] in the Cloud the Shared Configuration message ([REDACTED]). The message is automatically saved in the [REDACTED]. The message reception is shown in the [REDACTED] in the right part of the [REDACTED] GUI.
4. The Local [REDACTED] compares the received Shared Configuration message with its own configuration and shows the result of this comparison in the [REDACTED] detail: the status of the comparison result is set to "Equal" in case the Configurations are aligned. If not, the status is set to "different", and the procedure IDA\_NEMO\_BUP\_06 is applied.  
Moreover, the Local [REDACTED] compares the 'Common Parameters', showing if the IDA Coordinator, the PMB version, the Algorithm version and the Delivery Date are [REDACTED] in all PMBs. This is displayed in the right side of the GUI, section [REDACTED]. If these are not [REDACTED], the IDA\_NEMO\_BUP\_06 procedure needs to be followed.
5. Steps 3 and 4 are repeated for all the [REDACTED] in the [REDACTED].
6. When all of the previous steps are successfully finished, the Local [REDACTED] ends the Configuration Synchronization process: its status is changed to [REDACTED] and the Notification screen displays [REDACTED]. The next processes (*IDA\_NEMO\_NOR\_07 - Send IDA network data to PMB and Cross-check IDA network data; IDA\_NEMO\_NOR\_08 - Aggregate order books and send to PMB*) automatically start.

NOTE:

PMB will NOT block the "Configuration Synchronization" process step when Euphemia versions will be different. (Under the condition there isn't another parameter different) and the next processes can be activated under this condition.

PMB Coordinator will check that the Euphemia versions are equal in all PMB, in case of differences a yellow warning icon will appear in the PMB GUI.

## 2.4. Conditions reached before starting next process

The final state to start the next process is the fact that each Local PMB has received all the Shared Configuration files from the Cloud and that all of them are equal, the status field in the GUI of each [REDACTED] being [REDACTED].

## 2.5. Operational manual reference

See chapter [REDACTED] and "Configuration Synchronization" in the User Guide provided by Unicorn