

IDA_NEMO_OPE_06 - Exchanging Files in Backup Mode

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Table of Contents

1. Purpose.....	4
2. Associated procedures	4
3. Tools used for exchanging files in backup mode.....	4
4. Principles for exchanging files in backup mode	5

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1. Purpose

The purpose of this procedure is to describe the rules of exchanging files in backup mode between the [REDACTED] if the automatic communication tools are not functioning.

2. Associated procedures

- All the IDA backup (BUP) procedures.

3. Tools used for exchanging files in backup mode

The exchange of the files in backup mode will be done by using the following methods:

a) SFTP

The primary method of exchanging files in backup mode is by placing them on the SFTP [REDACTED], in the folder [REDACTED], where they can be accessed by any IDA NEMO Operator.

The SFTP connection details are available in the [REDACTED] file¹.

The [REDACTED] folder contains a sub-folder dedicated for each Broker (IDA NEMO Operator).

In order to identify the correct folder for placing the files, the following rules shall be followed:

1. If a IDA NEMO Operator needs to deposit its own files to be uploaded in the PMB, the files will be uploaded to its dedicated folder.
2. If the IDA Coordinator needs to provide the Network/ Order Data files of the other IDA NEMO Operator to one or several offline IDA NEMO Operator, the files will be uploaded to the IDA Coordinator folder [REDACTED].
3. If the IDA Coordinator needs to provide the IDA Results/GPC/GFC file to an offline IDA NEMO Operator that has not received it, the file will be uploaded to the folder named as the offline IDA NEMO Operator
4. If the IDA Coordinator needs to provide the missing files to an offline IDA NEMO Operator at the end of the MCS, the IDA Coordinator will place the files in the [REDACTED] folder.

At the end of the MCS where the SFTP has been used, the IDA Coordinator will clean the [REDACTED] folder by moving the existing files in the [REDACTED] folder.

The SFTP folders are automatically emptied on the 7th day of each month for the files (if any) uploaded in the previous month.

b) Email

If the SFTP is not available, the secondary backup tool is the exchange of files by email.

¹ in possession of each IDA Operational NEMO

The mailing list to be used is available in the annex to the IDA_JOINT_OTH_02 procedure.

4. Principles for exchanging files in backup mode

Rules regarding compression and encryption:

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Remark: [REDACTED]

Other rules:

- If the files are exchanged by [REDACTED], the sending IDA NEMO Operator contacts the receiving IDA NEMO Operator by [REDACTED] in order to confirm the good reception and the successful upload of the file. This confirmation by [REDACTED] should happen as soon as possible. In case contact via [REDACTED] is not possible, an [REDACTED] confirming the good reception and successful upload of the file is sent (manual acknowledgement).
- As long as the latest time for starting an IC is not reached, IDA NEMO Operator can exchange the missing file [REDACTED].
- Once the latest time for starting an IC is reached, the IDA Coordinator is in charge to coordinate the exchange of files in backup mode between the IDA NEMO Operator. The IDA Coordinator receives the files from the offline IDA NEMO Operator and uploads them in the PMB. Conversely, the IDA Coordinator downloads the needed files from the Local PMB and provides them to the offline IDA NEMO Operators
Remark: If the MCS is severely delayed, the IDA Coordinator will not send the input data ([REDACTED] and [REDACTED]) of the other IDA NEMO Operator to the offline IDA NEMO Operator. In this case, the offline PMBs will not be able to be used and the concerned IDA NEMO Operator will continue the MCS without their Local PMBs. The missing files will be provided by the IDA Coordinator at the end of the MCS.
- The IDA Market Coupling Results file, the Global Preliminary Confirmation and the Global Final Confirmation files need to be provided with high priority by the IDA Coordinator .
- If the [REDACTED] is down, the IDA Coordinator is the one who has to collect and share all the files between all IDA NEMO Operator in backup mode (as described above).
- Before providing a file to the IDA Coordinator in backup mode, the file should have been uploaded (if possible) in the Local PMB. This should be done on a best effort basis in order to check the validity of the file before distributing it.
- If one or more IDA NEMO Operators cannot upload a file to the Local PMB and/or the [REDACTED], then the respective IDA NEMO Operator(s) will provide the file to the IDA Coordinator in backup mode (as described above) and the IDA Coordinator will upload it on behalf of the respective IDA NEMO Operator (s) to the [REDACTED]. The Data Type in the PMB will be: [REDACTED]. The file will be automatically distributed to all the PMBs connected to the [REDACTED].
- The IDA Coordinator is not responsible for the validity of the file sent by the involved IDA NEMO Operator (in terms of data content, format, integrity etc.). If the file is invalid, the involved IDA NEMO Operator has to provide a valid one. The IDA Coordinator cannot change anything in the file provided by other IDA NEMO Operators.
- If a file has been distributed successfully from the any of the IDA NEMO Operator to the [REDACTED] but one or more PMBs cannot receive the file, the respective IDA NEMO Operator(s) will contact

the relevant IDA NEMO Operator, who will provide them the file in backup mode). IDA NEMO Operator will upload the file with Data type in the PMB: [REDACTED]. The file will be uploaded to local PMB, not to all the PMB connected to the Cloud.

- If a IDA NEMO Operator is offline during the Preliminary or Final Confirmation step, it is not needed for the IDA Coordinator to provide them with each Preliminary/ Final Confirmation file sent by the other IDA NEMO Operators. It is enough if the IDA Coordinator provides the GPC and GFC files. These files can be uploaded manually in the offline PMB in order to be able to complete the steps.