IDA_NEMO_NOR_24: IDA Report and [redacted] Session Dump

Version	1.2	
First Trading Day	29/04/2025	
Status	☐ Draft	☒ Final

Previous versions

Version	Date	Author	Summary of changes
1.0	23/05/2024	[redacted]	Version for IDA GL.
1.1	01/01/2025	[redacted]	3.1 Preconditions updated and explained.
1.2	29/04/2025	[redacted]	Annex 1: update related to PMB 13.1 changes.

Remarks

As a general principle, as soon as an event occurs that prevents the normal performance of a process, the operators refer to **IDA_NEMO_BUP_24**.

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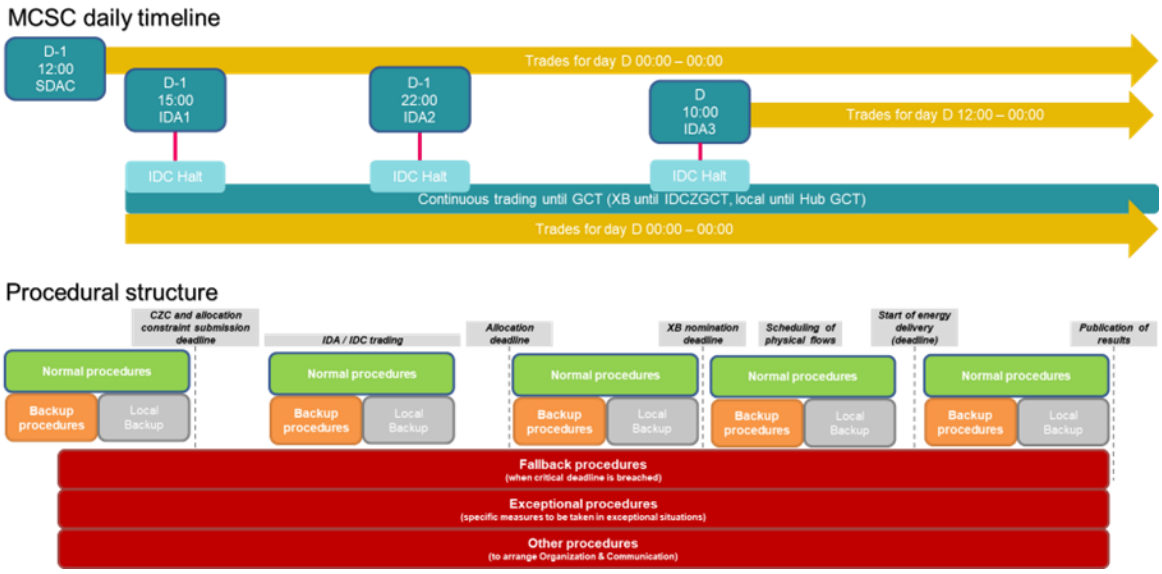
1. Introduction

This procedure describes how the IDA Operator creates an IDA Operational Report and the [redacted] Session Dump at the end of the Market Coupling Session.



1.1. Summary

The purpose of this procedure is to describe the steps that have to be performed by IDA Coordinator in order to create the IDA Report and by all Operators the [redacted] Session Dump.

The purpose of the IDA Report is that the IDA Coordinator shares information with the other IDA Operators, in particular to provide an overview of the process timings. Although officially it has to be executed by the IDA Coordinator, any IDA Operator is able to run it.

The [redacted] Session Dump has to be created by all IDA Operators in order to make it available for treatment by the Algorithm Working Group.

1.2. Governed / Regulated by

- IntraDay Operations Agreement (IDOA)
- SIDC High Level Architecture (HLA)

1.3. Tools and Communication protocols

[redacted]

1.4. Associated procedures

In normal situation:

Preceding procedures:

- IDA_NEMO_NOR_17_Final Confirmation from NEMO to [redacted] & back to [redacted]

Other associated procedures and rules:

- IDA_JOINT_OTH_02 - Internal and External Communications

In back-up situation: as soon as an event happens that prevents the normal performance of the IDA_NEMO_NOR_24 process, the operators refer to IDA_NEMO_BUP_24.

2. IDA report

2.1 Preconditions to start

The precondition to start this process is the successful completion of procedure IDA_NEMO_NOR_17_Final Confirmation from NEMO to [redacted] & back to [redacted], in which the positive Global Final Confirmation of the results is distributed to all the [redacted] of the cloud and from each [redacted] to the IT systems of each IDA Operator and forwarded to [redacted]. No timing constraint is required to start this procedure but can only start as soon as the previous procedure ends.

2.2. General overview

Steps	Description: Daily Report in PMB dashboard	Start Time	Target Time	Message ID	From	TO	C	BC	NC
1	Creation of the IDA Report.	At the end of the IDA session	-	-	[redacted]	-			
2	Distribution of all the IDA Reports by e-mail and upload in Project Place.	-	[redacted]	By email	IDA Coordinator	All IDA Operators			

	Without IDA Operator interaction
	This role cannot execute it
C	IDA Coordinator
BC	IDA Backup Coordinator
NC	IDA Non Coordinator (IDA Operator)

2.3. Process clarification

The IDA Coordinator creates the Daily Report in the system and saves it in [redacted] format.

The [redacted] produces an [redacted] file that contains the following data for each delivery date:

- Time of receiving the Network data from IDA Operator systems from [redacted].
- Time of sending the Network data from own IDA Operator systems to [redacted].
- Time of receiving the Order data from IDA Operator systems from [redacted].
- Time of sending the Order data from own IDA Operator systems to [redacted]
- Time of sharing of the Results with own IDA Operator system.
- Time of receiving of the Results from the [redacted].
- Time of receiving Preliminary results confirmations from IDA Operator systems from [redacted].
- Time of sending Preliminary results confirmations from own IDA Operator systems to [redacted].
- Time of receiving Final results confirmations from IDA Operator systems from [redacted].
- Time of sending Final results confirmations from own IDA Operator systems to [redacted].
- Human interactions with process (Process audit logs)
- Any exceptional cases that have been activated on the application. (Error application logs)

- Time of receiving of the input data by the [redacted].
- Start time of the [redacted] calculation.
- End time of the [redacted] process Calculation of the results.
- Start time of the Result sharing.
- End Time of the [redacted] calculation.
- Time to the first solution.
- Calculation execution time.
- Number of solutions found.

Any abnormal or deviating behavior will be written in the Incident Committee report, according to procedure IDA_JOINT_FAL_01.

The IDA Coordinator checks that the information listed in the [redacted] file is correct, especially that the correct delivery date was selected. There is no need for exhaustive checks of all data, but randomly a few elements should be chosen and verified according to external source of information (e.g., prices available in IDA Operator Trading System).

2.4. Final state

Once all the IDA Reports are generated after IDA 3. They are uploaded to [redacted]) and sent by mail by the IDA Coordinator to all the other IDA Operational NEMOs, according to the IDA Operational Contact list, written in procedure IDA_JOINT_OTH_02.

In case during any IDA session, the IDA Coordinator switched, the last IDA Coordinator will send all the IDA reports of the current delivery day.

2.5. Operational Manual Reference

See chapter Daily Operational Report in the Operational Manual (user guide provided by [redacted])

3. [redacted] Session Dump

Each IDA at the end of the MCS:

- All PMB Operating parties will create a Session Dump of [redacted].
- All PMB Operating parties will place a copy of this dump on the [redacted] used for the Market Monitoring Tool.

3.1 Preconditions to start

The precondition to start this process is that the Market Coupling Session is successfully finished.

The coordinator data will be used as the source for Market Monitoring Tool and the found results will be included in the reports. Therefore, the results for cancelled auctions must not be uploaded because those results which were never used would corrupt the monitoring source data.

3.2 General Overview

Steps	Description: Euphemia Session Dump	Start Time	Target Time	From	TO
1	Creation of [redacted] Session Dump by all IDA Operating parties.	At the end of the IDA session	-	[redacted] DB	-
2	Compression with [redacted] and encryption.	-	-	IDA Coordinator	-
3	Transfer of the [redacted] Session Dump to the relevant folders on the corresponding FTPs.	-	[redacted]	IDA Coordinator	[redacted]

3.3. Process clarification

1. [redacted] Operating parties will create the [redacted] Session Dump according to a local procedure of each [redacted] Operator.
2. [redacted] Session Dump has to be compressed with [redacted] and encrypted with the agreed password provided in the Algorithm Dump Collection Tool document (provided by the IT department) and also available in the Operational Accesses PPT document.
3. [redacted] Session Dump has to be transferred to the relevant folders of the two [redacted], as described in Annex 1. The password for connecting to the [redacted] is provided in the Algorithm Dump Collection Tool document (provided by the IT department) and also available in the Operational Accesses PPT document.

3.4. Final state

The Final State of this procedure is when [redacted] Session Dump is available on the [redacted] for the Algorithm Working Group.

If during the MCS, the IDA Coordinator switch has been performed, IDA Operator who finished the MCS as IDA Coordinator will provide the [redacted] Session Dump in the folder intended for the IDA Coordinator; previous IDA Coordinator will provide the [redacted] Session Dump in [redacted] non-Coordinator folder to distinguish in some manner dumps from different parties.

Table 1 – Risk Cases associated to the process

#	Risk cases	Measures taken
1	No IDA report can be generated.	IDA_NEMO_BUP_24
2	The IDA report cannot be sent.	IDA_NEMO_BUP_24
3	No [redacted] Session Dump can be generated.	IDA_NEMO_BUP_24
4	[redacted] Session Dump cannot be compressed and encrypted.	IDA_NEMO_BUP_24
5	[redacted] Session Dump cannot be transferred to the [redacted].	IDA_NEMO_BUP_24

4. Annex 1: Algorithm Dump Collection Tool

The file [redacted] contains the scripts necessary for [redacted] session extraction as well as documentation as to their execution. Please read the documentation carefully.

NOTE: Each new version of the dump extraction tool could be available in the PCR-ALG FTP.

Following is the second part procedure to transfer the coordinator session dumps to the [redacted] hosting site for treatment by ALWG.

Once the [redacted] dump is created, these are the steps to follow:

- Compress and Encrypt the session dump using [redacted]. Please ensure [redacted] is used to encrypt.
- [redacted]

Please refer to the [redacted] manual to compress the file via command line (meeting above specified requirements) on [redacted] format.

In order to connect to the [redacted] for uploading the Session Dump (using [redacted]) use the following addresses:

For the Market Monitoring Tool: [redacted]

IDA Coordinator providers, see the Operational Accesses PPT document for the corresponding usernames and passwords.

[redacted] for the Market Monitoring Tool purposes:

Upload path:

[redacted]

One folder named "[redacted]" in which all dumps from sessions that led to price. The dump shall contain only the session that led to price publication (excluding System Price session, for instance).

[redacted]

One folder named "[redacted]" in which all dumps from problematic sessions in production.

[redacted]