XBID_NEMO_NOR_01: Transaction Process

Version	1.0	
Date	19/1/2018	
Status	☐Draft	☒Final

Approval

Version	Date	Name	Function	Signature

Previous versions

Version	Date	Author	Summary of changes

Table of Contents

1. Introduction

This procedure describes the normal transaction process, managed via the Shared Order Book (SOB), integrated in the XBID solution.

Capitalized terms used in this document shall have the meaning set forth in Annex 1, unless if defined differently in this document.

In case cross border trades are performed, the information processed by the Capacity Management Module (CMM) is needed to update at any time the Available Transfer Capacities (ATC) values.

1.1. Purpose

The purpose of this procedure is to provide the Operators with an overview of trading lifecycle, from the moment an order is received by a NEMO from a trader to a creation of a trade in the XBID System.

1.2. Governed / Regulated by

- All NEMO Intraday Operations Agreement (ANIDOA)
- High Level Architecture (HLA)
- HLS100 –Functional Description SOB
- DFS510 – AMQP Public Message Interface - Trading

1.3. Associated procedures

- XBID_NEMO_BUP_01: Transaction Process
- NEMOs market rules

2. Procedure

2.1. Preconditions to start

The SOB has to be available and working successfully.

2.2. General overview

The table below lists the main processes related to the transaction process.

2.2.1. Transaction Process

Steps	Transaction Process	Message(s)	From	To	Procedure involved
1	███████████████ ████████████████ ████████████████	████████	SOB	NEMO	XBID_NEMO_BUP_01
2	███████████████ ███████████████ █████████████ ██████████████ ███	████████████	SOB	All NEMOs	XBID_NEMO_BUP_01

3	██████████████ ████████	████████████ ████████ ██████	SOB	1) All NEMOs, 2, 3) NEMO(s) (involved in the trade – owners of orders)	XBID_NEMO_BUP_01

2.2.1.1. Process clarification

Step 1:

- When an order (new/modification/deletion order), sent by a NEMO to the SOB, is validated successfully, a positive response ████████████ is sent back to this NEMO.
- In case the NEMO, who sends the order, does not receive any acknowledgement, or response or receives an error message from the SOB, the **XBID_NEMO_BUP_01** will be followed.
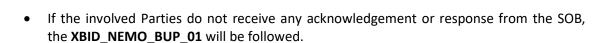
Step 2:

- The local view is re-calculated based on the new order book before it is published. The order book can change due to an order entry, order deletion or an order modification done by any NEMO or due to partial and full execution of orders.

  ██
  ██
  ████████████████████████

- In case the message cannot be processed the **XBID_NEMO_BUP_01** will be followed.

Step 3:

- In case an order, sent to SOB, can be matched, a trade will be concluded. In this situation, messages ████████████████████████████will be sent to the NEMOs involved (owners of bid and ask orders) in the trade.

  ██
  ██

- If the involved Parties do not receive any acknowledgement or response from the SOB, the **XBID_NEMO_BUP_01** will be followed.

3. Final State

The procedure ends when the transaction information is successfully received and integrated by the involved Parties.