CONSOLIDATED AUDIT TRAIL ("CAT")

CLOCK SYNCHRONIZATION

CERTIFICATION BY

_____

[Industry Member]

TO

PARTICIPANTS OF THE CAT NMS PLAN

——————————————

[DD/MM/YY]

CLOCK SYNCHRONIZATION

CERTIFICATION BY

_____ hereby acknowledges that it is a member of the following national

[Industry Member]

securities exchange(s) and/or national securities association(s) (please select all that apply):

☐	BOX Exchange LLC	☐	MIAX Sapphire, LLC
☐	Cboe BYX Exchange, Inc.	☐	The Nasdaq Stock Market LLC
☐	Cboe BZX Exchange, Inc.	☐	Nasdaq Texas, LLC
☐	Cboe C2 Exchange, Inc.	☐	Nasdaq ISE, LLC
☐	Cboe EDGA Exchange, Inc.	☐	Nasdaq GEMX, LLC
☐	Cboe EDGX Exchange, Inc.	☐	Nasdaq MRX, LLC
☐	Cboe Exchange, Inc.	☐	Nasdaq PHLX LLC
☐	Financial Industry Regulatory Authority, Inc.	☐	New York Stock Exchange LLC
☐	Investors Exchange LLC	☐	NYSE American LLC
☐	Long-Term Stock Exchange, Inc.	☐	NYSE Arca, Inc.
☐	MEMX LLC	☐	NYSE Texas, Inc.
☐	Miami International Securities Exchange, LLC	☐	NYSE National, Inc.
☐	MIAX PEARL, LLC	☐	24X National Exchange LLC
☐	MIAX Emerald, LLC	☐	Other:_____

To achieve compliance with the clock synchronization requirements of the CAT compliance rule, including any interpretive or exemptive guidance applicable to such rule, of each national securities exchange and/or national securities association identified above (the "Clock Synchronization Requirement"), the undersigned, who is duly authorized to execute this certification on behalf of _____, hereby certifies that_____has:

      [Industry Member]   [Industry Member]

   (1) synchronized its Business Clocks, other than such Business Clocks used solely for Manual Order Events or used solely for the time of allocation on Allocation Reports, at a minimum to within a fifty (50) millisecond tolerance of the time maintained by the National Institute of Standards and Technology, and maintains such synchronization; and

   (2) synchronized (A) its Business Clocks used solely for Manual Order Events and (B) its Business Clocks used solely for the time of allocation on Allocation Reports at a minimum to within a one second tolerance of the time maintained by the National Institute of Standards and Technology, and maintains such synchronization.

Capitalized terms are defined as set forth in the CAT compliance rule series of each national securities exchange and national securities association.

EXECUTED as of the date first written above.

_____
[Industry Member]

By: _____

Name: _____

Title: _____

Industry Members are not required to submit such certifications to the exchanges or FINRA. Instead, originals of such certifications must be maintained by Industry Members as part of their books and records and be available to regulators upon request. Industry Members who are members of multiple Participants need only make a single clock synchronization certification.