**Attachment**

**Trading System Test Guide**

1. **The Participants**

All members, market data vendors and clients engaging in program trading such as market makers.

1. **Test Schedule**
2. The test schedule for August 28, 2021 (Saturday)

|  |  |  |
| --- | --- | --- |
| **Time** | **Content** | **Notes** |
| 08:15:00 | Members login | All participants should login the trading system through the FENS servers. |
| 08:55:00 | The beginning of central auction | All participants please keep submitting orders and closely pay attention to the login, trade, query and the market data receiving. |
| 08:59:00 | Matching of central auction |
| 09:00:00 | Continuous trading |
| 09:20:00 | Simulating front failure |
| 09:50:00 | Continuous trading |
| 11:10:00 | Simulating restart of day trading |
| 11:30:00 | Market close |

The test simulates the trading of August 30, 2021 (Monday) using the data after the settlement of August 27, 2021 (Friday).

1. The test schedule for September 4, 2021 (Saturday)

|  |  |  |
| --- | --- | --- |
| **Time** | **Content** | **Notes** |
| 08:15:00 | Members login | All participants should login the trading system through the FENS servers. |
| 08:55:00 | The beginning of central auction | All participants please keep submitting orders and closely pay attention to the login, trade, query and the market data receiving. |
| 08:59:00 | Matching of central auction |
| 09:00:00 | Continuous trading |
| 09:10:00 | Simulating front failure |
| 09:50:00 | Continuous trading |
| 11:00:00 | Switching to the standby data center |
| 11:10:00 | Continuous trading |
| 11:30:00 | Market close |

The test simulates the trading of September 6, 2021 (Monday) using the data after the settlement of September 3, 2021 (Friday).

1. **Test requirements**

All members should pay attention to the following notes:

1. It is proposed that more than half of the seats shall participate in the test, including at least two authorized seats and one unauthorized seat.
2. Please notify the market makers and other clients engaging in program trading to participate in the test. Collect their test results and feedback to INE.
3. It is proposed that the test should be under the order rate as usual and cover daily query requests.
4. Pay close attention to the login, trade, query, flow receiving, market data receiving.
5. **Communication Parameters**
6. Trading System

All members should configure their trading and market data systems with FENS pattern to obtain the IP addresses of trading fronts.

FENS Server IP addresses:

192.168.12.41, 192.168.12.42, 192.168.11.31,

192.168.11.32, 192.168.16.31, 192.168.16.32.

To obtain the IP addresses of INE trading systems through the FENS servers, please use TCP port 4901 for normal connections and 4911 for encrypted connections; to obtain the IP addresses of market data systems through the FENS servers, please use TCP port 4903 for normal connections and 4913 for encrypted connections.

While dealing with the network security control strategy, all members and market data vendors should open the TCP port 4901, 4911, 4903, 4913, 33005, 44305, 33011, 44311 to the network segment 192.168.12.\*, 192.168.11.\*, 192.168.16.\*. Please ensure that the communication of the network segment and the protocol port mentioned above is normal.

1. Second Generation Market Data Platform

Please refer to the announcement about the implementation of the second generation market data platform on INE website, the link of which is:

http://www.ine.com.cn/news/notice/1455.html

1. **Notes**

All members, overseas intermediaries and market data vendors should do the following work well:

1. Contact your software suppliers before testing and make a detailed testing plan. Please check the settlement data carefully after testing.
2. Backup your systems and data before testing, and restore backup after testing to prevent affecting the normal business of the next trading day.
3. All members and market data vendors should isolate the test data well so as not to affect the real data.
4. **Contract information**

Phone: 021-68400802

E-mail: tech@shfe.com.cn

Fax: 021-68400385