**Attachment**

**Guide for the 11th emergency drill on network security of Securities and Futures Industry (INE)**

1. **The Participants**

All INE members should participate in the drill.

Overseas intermediaries and data information vendors don’t need to participate in this drill but should isolate the systems and data.

1. **Drill Schedule**

The drill schedule for February 27, 2021 (Saturday)

|  |  |  |
| --- | --- | --- |
| **Time** | **Content** | **Notes** |
| General Drill Session |
| 8:15 | Members login to the main center of Zhang Jiang | Check login status |
| 08:55～09:00 | Central auction | Check trading |
| 09:00～10:00 | Continuous trading | Check trading |
| 10:00～11：30 | According to the command from general headquarters, INE simulates the system fault and emergency disposal. | Switch to the Pudian center timely if necessary |
| 11:30 | End of the general drill session | 　 |
| Sub-drill Session |
| 12:45 | Members login to the main center of Zhang Jiang | Members restart systems |
| 13:00～17：00 | Continuous trading | Members emergency drill |
| 17:00～18：00 | Data and Systems recovery |  |

The drill simulates the trading of March 1, 2021 (Monday), using the data after the settlement of February 26, 2021 (Friday).

1. **Communication Parameters**
2. 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 connection and 4911 for encrypted connection; to obtain the IP addresses of market data systems through the FENS servers, please use TCP port 4903 for normal connection and 4913 for encrypted connection.

When 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 should do the following work well.

1. Contact your software suppliers before the drill and make a detailed drill plan.
2. Backup your systems and data before the drill and restore them afterwards to prevent affecting the normal business of the next trading day.
3. Please pay close attention to the interim notice issued on the Members Service System.
4. Please restore the systems after the drill.
5. **Contract information**

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It is hereby notified.

 Shanghai International Energy Exchange

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