**Attachment**

**Bonded Copper Futures Test Guide**

1. **Parameters for Bonded Copper Futures Test**

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| **Item** | **Parameter** |
| Product Symbol | BC |
| Contract Size | 5 tons per lot |
| Price Quotation | (RMB) Yuan per ton |
| Minimum Price Fluctuation | 10 Yuan / ton |
| Daily Price Limits | Within 6% of the settlement price of the preceding trading day (doubled on the listing day) |
| Listed Contracts | BC2103、BC2104、BC2105、BC2106、BC2107、BC2108、BC2109、BC2110 |
| Last Trading Day | 15th day of the contract month (postponed accordingly if it is a legal holiday in China) |
| Minimum Trading Margin | 8% of contract value |
| Transaction Fee | 0.01‰ (transaction fee for closing out the position opened on the same day is 0 Yuan/lot) |
| Discount Rate of US Dollar as Margin Collaterals | 0.95 |

1. **Test Schedule**

The test schedule for November 7, 2020 (Saturday) and November 14, 2020 (Saturday)

|  |  |
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| **Time** | **Content** |
| 08:55:00 | The beginning of central auction |
| 08:59:00 | Matching of central auction |
| 09:00:00 | Continuous trading |
| 10:15:00 | Continuous trading pause |
| 10:30:00 | Continuous trading |
| 11:30:00 | Market close |
| 11:30-13:00 | INE settlement |
| 13:00-14:30 | Members settlement, download settlement data and check settlement results |
| Before 14:30 | Members submit data to CFMMC |

The November 7, 2020 (Saturday) test simulates the trading and settlement of November 6, 2020 (Friday) using the settlement data of November 5, 2020 (Thursday).

The November 14, 2020 (Saturday) test simulates the trading and settlement of November 13, 2020 (Friday) using the settlement data of November 12, 2020 (Thursday).

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 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.

INE Level 1 market data has the subscription number of 5001 and is sent out twice each second.

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.\* and the TCP port 80, 443, 7002 to the network segment 192.168.9.\*, 192.168.13.\*, 192.168.17.\*. Please ensure that the communication of the network segment and the protocol port mentioned above is normal.

1. Second Generation Market Data Platform

The second generation market data platform will be tested in production environment. 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. Member Service Test System

Dedicated line network:

http://192.168.9.214

Securities and futures industry test network:

http://42.24.1.246

The user name and password are the same as the production environment.

1. Submit Post-trade Data to CFMMC

Dedicated line network

IP: 15.9.11.45 Port：9000

Securities and futures industry test network

IP: 42.0.2.4 Port：9000

The user name and password are the same as the production environment.

1. **Notes**

All members, overseas intermediaries and data information 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. Please focus on the trading of Bonded Copper Futures.
4. All members, overseas intermediaries and data information vendors should isolate the test data well so as not to affect the real data.
5. **Contract information**

Phone: 021-68400802

E-mail: tech@shfe.com.cn

Fax: 021-68400385

It is hereby notified.

 Shanghai International Energy Exchange

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