

# LDDS system production environment testing plan

## (September 28, 2024)

### Test schedule

The test time is from 9:00 to 12:00 on September 28, 2024.

The testing schedule is as follows:

Bidding Quotes			Comprehensive business situation	
1	9:15-9:25	Opening Auction	9:15-9:25	Call Auction
2	9:30-10:30	Continuous bidding	9:30-10:30	Continuous Trading
3	10:35-11:27	Continuous bidding	10:35-11:30	Continuous Trading
4	11:27-11:30	Closing call auction	11:30-12:00	After-hours fixed trading of the Science and Technology Innovation Board
5	11:30-12:00	After-hours trading	12:00-14:00	Market Closing Process
6	12:00-14:00	Market Closing Process		
New Bond Quotes			Hong Kong Stock Connect Quotes	
1	9:15-9:25	Call Auction	9:00-9:30	Pre-market opening
2	9:30-10:30	Continuous Trading	9:30-12:00	Ongoing trading phase
3	10:35-11:30	Continuous Trading	12:00-12:10	Auction Session
4	11:30-12:00	Bond repo transaction extended		
5	12:00-14:00	Market Closing Process		

### Test Units

1. SSE InfoNet
2. Level-2 information providers and securities firms

### Test content

Level-2 market data (auction, bonds, comprehensive industry),

Level-1 market data (auction, bonds, comprehensive industry), Hong Kong Stock Connect market information, etc. through the LDDS system production environment.

### **The second batch of LDDS system server version upgrade**

VDE direct -connect users focus on verifying the Level-2 market reception and processing of TKO (Telecom) main source lines, including dedicated line access and core institution access network access.

### **LDDS system TKO network adjustment test**

In this test, our company will upgrade and debug the ALC (China Unicom) line of the LDDS system network, and involve multiple emergencies switching scenarios. All participating users must open all ALC (China Unicom) line VDE programs and verify the reception and processing of market data and packet loss. If there is an abnormality in the reception of market data during the test , please provide feedback in time and cooperate with our company to investigate the abnormality . The specific test scenarios are as follows:

- Drill scenario 1: The first adjustment of the internal network of the ALC (China Unicom) line

Time: Around 9:45

Results: **Some** users might have a small amount of packet loss on ALC VDE, but TKO VDE is normal

Expectations:

Level-2 market conditions can maintain normal service status

- Drill Scenario 2: Second adjustment of the internal network of the ALC (China Unicom) line

Time: Around 10:15

Results: **Some** users might have a small amount of packet loss on ALC VDE, but TKO VDE is normal

Expectations:

Level-2 market conditions can maintain normal service status

- Drill Scenario 3: The third adjustment of the internal network of the ALC (China Unicom) line

Time: Around 10:45

Results: **Some** users might have a small amount of packet loss on ALC VDE, but TKO VDE is normal

Expectations:

Level-2 market conditions can maintain normal service status

- Drill Scenario 4: The fourth adjustment of the internal network of the ALC (China Unicom) line

Time: Around 11:15

Results: **Some** users might have a small amount of packet loss on ALC VDE, but TKO VDE is normal

Expectations:

Level-2 market conditions can maintain normal service status

## Test Feedback Content

1. Static file reception and processing are normal (cpxx, fjj)

series files);

2. The reception and processing of TKO (Telecom) main source line market information;

3. Verification of the test scenario of the ALC (China Unicom) line of the core institution network;

4. Level-2 market information reception and processing;

5. Level-1 market information reception and processing;

6. Receiving and processing of Hong Kong Stock Connect market information (if authorized);

7. The system recovers normally.

## Test Data

In this test, the LDDS system production environment uses the data after the end-of-day processing of all securities in the Shanghai Stock Exchange on September 27, 2024 (Friday) as the testing data.

## Test requirements

- Do not distribute testing data to end user
- All information vendors must prepare system backup in Production and Test environment before the test.
- During the test, client should write down their comments or technical issues for analysis & follow up. Client should report to “CIIS” in case any error or abnormal situation cause on this test.

## Contact Information

Dennis: 2501 0160

Appendix I – 28th Sept, 2024 Test Feedback form

Date of submission: 28th Sept, 2024

Name of vendor		
Test In-charge:	Test In-charge Contact No.:	
	Test In-charge Mobile No.:	
<b>Test Result on your system</b>		
<b>1. LDDS system new version upgrade emergency switching drill</b>		
Scenario 1: The first adjustment of the internal network of the ALC (China Unicom) line		
<b>Result 1</b>	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
<b>Result 2</b>	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Scenario 2: Second adjustment of the internal network of the ALC (China Unicom) line		
<b>Result 3</b>	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
<b>Result 4</b>	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Scenario 3: The third adjustment of the internal network of the ALC (China Unicom) line		
<b>Result 5</b>	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
<b>Result 6</b>	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Scenario 4: The fourth adjustment of the internal network of the ALC (China Unicom) line		
<b>Result 7</b>	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
<b>Result 8</b>	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Exception situation remarks:		
Technical Contact:		