

## (Testing Notification)LDDS Emergency Drilling Test

### Sessions Schedule and Rundown

#### Test Participator

- SSE Infonet Ltd
- China Investment Information Services Ltd (CIIS)
- Information Vendor

#### Test Schedule

- Testing Date : 07/12/2019
- Testing Time: 08:30 - 12:30
- Platform: Level-2 Production Platform
- Testing Data: Level-2 data feed and Level-1 FAST data feed from LDDS production system.

#### Test Content

- **Error in initialization data and server side reload the correct data**

When there is Error in initialization data and IV cannot get initialization data, whether IVs' system can handle.

- **TKO Data Center is now available**

When TKO Data Center is not available, whether IVs can switch the data source to ALC Data Center.

- **Error in Level-2 data source, switch to Level-1 data source**

When there is Error in Level-2 market data source, whether IVs can switch the data source from Level-2 to Level-1 automatically.

- **Level-2 data source recover, switch to Level-2 data source**

When Level-2 data source recover, whether IVs can switch the data source to Level-2 automatically.

- **Level-2 primary data server fail, switch to backup server**

When the Level-2 primary data server fail, whether IVs can switch to backup server automatically.

## Test Rundown

Time	Test Case	Expect Vendor Result
Before 08:45	System initialize.	
08:45	Send Level-2 continues auction quote	Check whether can initialize.
09:15-09:25	Send opening call auction data	Check can receive and handle the data
09:35	SSE Server reload the initialize market data	
09:40	Inform IVs to reload the market data	Check can receive the right static files
10:00	TKO data center is unavailable.	Check whether can switch to the ALC Data

		Center and handle the market data.
10:10	Primary server of ALC is not available.	Check whether can switch to the backup server.
10:20	Primary server of ALC recover and backup server not available.	Check whether can switch back to the primary server.
10:30	ALC data center is unavailable.	Check whether can switch the data source from Level-2 to Level-1 automatically
11:00	ALC data center recover.	Check whether can switch the data source from Level-1 to Level-2 automatically
11:27-11:30	Send closing call auction data	Check can receive and handle the data
11:30-12:00	Bond-repo trading time extension and after-market trading	Check can receive and handle the data

12:00-12:30	System restore. Make sure to fallback testing environment. Fill-in and return the feedback form to CIIS	N/A
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### Test Data

This test will use date back (06/12/2019) production data as canned data.

### Test Requirement

- Do not distribute testing data to end user
- All information vendors must prepare system backup in Production and Test environment before the test. After the test, please resume the production environment and prepare for the coming trading date (09/12/2019) as same as usual.
- 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.

### Test Result

After the test, all client need to report their result base on market rehearsal test form. Please email this form to [technical@ciis.com.hk](mailto:technical@ciis.com.hk).

### Technical Contact:

(00852)25871488 (Dicky)

Appendix I – 07 Dec. 2019 Test Feedback form

Date of submission: 07 Dec. 2019

Name of vendor			
Test In-charge:		Test In-charge Contact No.:	
		Test In-charge Mobile No.:	
<b>Test Result on your system</b>			
<b>Result 1</b>	Initialize data through real-time market data	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> System not ready to do <input type="checkbox"/> Not applicable	
<b>Result 2</b>	When the TKO Level-2 Data Center error, whether can switch to ALC Data Center	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> System not ready to do <input type="checkbox"/> Not applicable	
<b>Result 3</b>	When ALC primary level-2 server fail, whether can switch to backup server	<input type="checkbox"/> Success <input type="checkbox"/> Fail	
<b>Result 4</b>	When ALC primary level-2 server recover, and backup server fail, whether can switch to primary server	<input type="checkbox"/> Success <input type="checkbox"/> Fail	
<b>Result 5</b>	When both of the production Data Center fail, whether can switch to Level-1 data source	<input type="checkbox"/> Switch automatically <input type="checkbox"/> Switch manually <input type="checkbox"/> Cannot switch	
<b>Result 6</b>	System Restore (clear test data, prepare system for coming trading date)	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	
Exception situation remarks:			
<b>Technical contact:</b> ( )			