

(Testing Notification) LDDS Test Sessions Schedule and Rundown

Test Participator

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

Test Schedule

- Testing Date: 25/5/2024
- Testing Time: 09:00 – 12:00
- Platform: Production Platform (ALC & TKO)

Test Content

1. LDDS system abnormal emergency switchover drill

- Scenario 1: TKO level-2 main market data source abnormal

Time: Around 9:40am

Phenomenon: TKO level-2 main market data source abnormal, a few packets loss from TKO, VDE switches to backup market data source normally

Expected Situation: Level-2 market data source keeps providing services normally

- Scenario 2: After the TKO level-2 main market data source resume, the backup market data source abnormal

Time: Around 10:00 am

Phenomenon: TKO level-2 backup market data source abnormal, a few packets loss from TKO, VDE switches to main market data source normally

Expected Situation: Level-2 market data source keeps providing services normally

- Scenario 3: ALC level-2 Bond market data source abnormal

Time: Around 10:20am

Phenomenon: ALC level-2 Bond market data source abnormal, a few packets loss from ALC, VDE switches to backup market data source normally

Expected Situation: Level-2 Bond market data source keeps providing services normally

- Scenario 4: After the ALC level-2 Bond market data source resume, the backup market data source abnormal

Time: Around 10:40am

Phenomenon: ALC level-2 backup Bond market data source abnormal, a few packets loss from ALC, VDE switches to main market data source normally

Expected Situation: Level-2 Bond market data source keeps providing services normally

- Scenario 5: ALC level-2 After market data source abnormal

Time: Around 11:40am

Phenomenon: ALC level-2 After market data source abnormal, a few packets loss from ALC, VDE switches to main market data source normally

Expected Situation: Level-2 After market data source keeps providing services normally

- Scenario 6: After the ALC level-2 After market data source resume, ALC & TKO market data source abnormal

Time: Around 11:50am

Phenomenon: ALC & TKO level-2 After market data source abnormal, a few packets loss from ALC & TKO

Expected Situation: All client can switchover from Level-2 data source to Level-1 data source keeps providing services normally

2. Other test content

Can receive and handle Level-2, Level-1, Option or FIP market data (if authorized)

Test Checkpoint

- Static files receive and handle (cpxx, fgy, etc...)
- Connection circuit abnormal can switchover between each other
- LDDS system emergency switchover drill
- Level-2 and Level-1 market data can receive and handle
- Options / FIP market data can receive and handle (if authorized)
- System restores

Test Rundown

Time	Matching Trading Platform (MTP)	Time	Alternative Trading Platform
9:15-9:25	Send the opening call auction quote	9:15-9:25	Send the opening call auction quote
9:30-10:30	Send continuous auction quote	9:30-10:30	Send continuous auction quote
10:35-11:27	Send continuous auction quote	10:35-11:30	Send continuous auction quote
11:27-11:30	Send the closing auction quote	11:30-12:00	After-Market STAR Market fixed-transaction
11:30-12:00	After-market transaction	12:00-14:00	Market Closing
12:00-14:00	Market Closing		
Time	New Bond Platform	Time	Derivatives Trading Platform
9:15-9:25	Send the opening call auction quote	9:15-9:25	Send the opening call auction quote
9:30-10:30	Send continuous auction quote	9:30-10:30	Send continuous auction quote
10:35-11:30	Send continuous auction quote	10:35-11:27	Send continuous auction quote
11:30-12:00	Send pledged REPO extended trading quote	11:27-11:30	Send the closing auction quote
12:00-14:00	Market Closing	11:30-12:00	Exercise time
		12:00-14:00	Market Closing
Time	FIP Platform		
9:00-11:30	Send the opening call auction quote		
11:30-14:00	Market Closing		

Test Data

This test will use date back (24/5/2024) 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.
- 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 needs to report their result base on market rehearsal test form. Please email this form to technical@ciis.com.hk.

Technical Contact:

(852) 2530 4876 (Joe)

Name of vendor			
Test In-charge:		Test In-charge Contact No.:	
		Test In-charge Mobile No.:	
Test Result on your system			
1. LDDS system new version upgrade emergency switching drill			
Scenario 1: TKO level-2 main market data source abnormal			
Result 1	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	
Result 2	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable	
Scenario 2: After the TKO level-2 main market data source resume, the backup market data source abnormal			
Result 3	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	
Result 4	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable	
Scenario 3: ALC level-2 main market data source abnormal			
Result 5	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	
Result 6	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable	
Scenario 4: After the ALC level-2 main market data source resume, the backup market data source abnormal			
Result 7	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	
Result 8	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable	
Scenario 5: ALC level-2 After market data source abnormal			
Result 9	VDE market data source switching status?	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable	

Result 10	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Scenario 6: After the ALC level-2 After market data source resume, ALC & TKO market data source abnormal		
Result 11	VDE market data source switching status?	<input type="checkbox"/> Success applicable <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
Result 12	Level-2 market data source keeps providing service?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not applicable
Other testing content		
Result 13	Static files receive and handle (cpxx, fjy, etc...)	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable
Result 14	Level-2 and Level-1 market data can receive and handle	<input type="checkbox"/> Success <input type="checkbox"/> Fail <input type="checkbox"/> Not applicable

Exception situation remarks:

Technical Contact: () :

