JSE

SERVICE HOTLINE

REFERENCE NUMBER: **196/2016**

19 September 2016

INTEGRATED TRADING AND CLEARING (ITaC) PROJECT 1a EQUITY MARKET UPGRADE CONNECTIVITY TEST AND FINAL CUT-OVER - 24 September 2016

Further to Service Hotline 45/2016 issued 17 March 2016, clients are reminded of the ITaC Project 1a Equity Market go live scheduled for Monday, 26 September 2016. The final go live connectivity test and cut-over activities are scheduled for **Saturday, 24 September 2016**.

Mandatory Requirements
Participation in the final go live cut-over activities is Mandatory for proving connectivity. In addition, the JSE encourages clients to conduct final integrity checking and limited functional testing.

All clients are required to provide their key contact details for the final go live cut-over test to CustomerSupport@jse.co.za by no later than Wednesday, 21 September 2016.

Mandatory Requirements	• Login by at least 1 Interface User Id (CompID) per trading and information gateway
	  • Native and/or FIX Trading Gateways
	  • Drop Copy and Post Trade Gateways
	  • Market Data Gateways

Recommended	• Final integrity checks and limited functional testing
Optional Requirements	• Submission of orders and order management activities to test new Equity Market Enhancement (EME) functionality • Processing of the new trade types (XT and VT) via market data Gateways • Accessing the new client csv files from the JSE IDP site

Failover Testing
Please note that Failover to the Secondary Trading and Market Data Gateways will be conducted during the Test. Please refer to the schedule for the time.

Empty Order Book
Clients are reminded that on 26 September 2016, Go-Live of the ITaC Project 1a, there will be an **empty order book**. On **Friday, 23 September 2016**, Clients **must ensure** that all GTD and GTC open orders are deleted prior to 17h30. This is to ensure they receive the order removals required to synchronize their systems to the central order book.

Reference Data
• All reference data (instruments, closing prices, Trader IDs etc.) will be as per production at close of business on **Friday, 23 September 2016**

Market / Service:
 JSE Equity Market

Environment(s):
Production

Additional Information:
If you have any queries about this announcement, please contact:
+27 11 520 7384 or e-mail
ITaC@jse.co.za

Issued By:
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Head: Project Delivery
Trading and Market Services

- Trading Reference Data CSV files must be downloaded via IDP prior to the start of the test. A new folder will be created for the files called ITaC 1a DR Files of the test. A new folder will be created for the files called ITaC 1a DR Files

Indices Data
- Indices test data will be disseminated between 08:30 and 10:00.

High Level Test Schedule – 24 September 2016

#	Test timeline	Client testing requirement	Description
1	From approx. 08:00	Client connectivity can begin	Clients to connect and login to Trading and Market Data Gateways and the IDP Service and download their trading reference data files as at Friday, 23 September 2016.
2	08:30 - 08:40	Start of Trading	
3	09:00 - 12:00	Trade Reporting	Clients to submit trade reports, off book trade cancellations
4	08:40 - 09:00	Opening Auction Call Session for ZA01, ZA02, ZA03, ZA06, ZA11, ZA12	Order entry/amendment/deletion; manage Off Book trades.
5	08:40 - 09:10	Opening Auction Call ZA04	

6	09:00 - 11:00	Continuous Trading for ZA01, ZA02, ZA06	• Clients to submit orders and/ or trade reports Information Subscribers must also connect and subscribe to data.
			 • Order submission and order management to test changes to New Order message
			 • Submission of orders and order management to test new EME functionality
			     • Cross Orders (XT trade type)
			     • Pegged Hidden Orders
			     • CPX Session for ZA02, ZA03 and ZA06
			     • Orders with new Time In Force (TIF) for participation in EOD Volume Auction
			     • Confirm receipt of Extended Statistics message on MITCH
			 • Trade Cancellations

7	09:00 - 11:15	Continuous Trading for ZA12	
8	09:00 - 10:15	Continuous Trading 1 for ZA03, ZA11	
9	09:10 - 11:30	Continuous Trading for ZA04	
10	10:00 - 10:30	Volume Testing	JSE will be conducting Volume testing: Approximately 500 orders per second for 10min Approximately 1000 orders per second for 10min Approximately 1500 orders per second for 5min Approximately 2000 orders per second for 5min

11	10:15	Failover Testing	1. 10:15 - Disconnect of Market Data A Feed and B Feed will become Primary Feed (Only B Feed will be available) 2. 10:15 - Disconnect of Primary Trading Gateways and failover to Secondary Trading Gateways 3. 10:25 - Market Data A Feed will become available as Secondary and B Feed will remain as Primary Note: Only the Secondary Market Data and Trading Gateways will remain active for the remainder of the Test.
12	10:15 - 10:30	Intraday Auction Call for ZA03 and ZA11	Order entry/amendment/deletion; manage Off Book trades. No order matching
13	10:30 - 11:00	Continuous Trading 2 for ZA03 and ZA11	Order matching occurs. Users receive order and trade updates
14	11:00 - 11:15	Closing Auction Call for ZA01, ZA02, ZA03, ZA06, ZA11	Order entry/amendment/deletion; manage Off Book trades; unexecuted orders with EHL flag are expired. No order matching
15	11:15 - 11:30	Closing Auction Call for ZA12	
16	11:30 - 11:31	Closing Price Publication ZA04	Closing price publication; order deletion; manage Off Book trades
17	11:15 - 11:20	Closing Price Publication for ZA01, ZA02, ZA03, ZA06	
18	11:30 - 11:35	Closing Price Publication for ZA12	
19	11:15 - 11:20	Closing Price Publication for ZA11	
20	11:20 - 11:25	Closing Price Cross ZA01, ZA02, ZA03, ZA06	Execution of orders at the closing price. Order entry, order modification (except price), order deletion; manage Off Book trades
21	11:35 - 11:40	Closing Price Cross for ZA12	
22	11:20 - 11:25	Closing Price Cross for ZA11	
23	11:25 - 11:30	EOD Volume Auction for ZA01, ZA02, ZA03, ZA06	Orders with for participation in EOD Volume Auction Order entry at the closing price only / amendment of the size only / deletion

24	11:31 - 12:00	Post Close for ZA04	Order deletion; GTT orders are expired; manage Off Book trades. No order matching
25	11:25 - 12:00	Post Close for ZA11	
26	11:40 - 12:00	Post Close for ZA12	
27	11:30 - 12:00	Post Close for ZA01 ZA02, ZA03, ZA06	
28	From approx. 12:30	**Go / No Go Decision will be communicated to clients**	