

SIFMA MarketAxess Test Script

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TRANSACTIONS COMPLETED ON 10/25/2014 ARE FOR TEST PURPOSES ONLY AND WILL NOT RESULT IN OBLIGATIONS FOR EITHER COUNTER PARTY. THESE TRANSACTIONS WILL BE REMOVED FROM OUR SYSTEM FOLLOWING COMPLETION OF THE TEST. IT IS THE RESPONSIBILITY OF EACH FIRM TO REMOVE THEM FROM THEIR INTERNAL SYSTEMS.

Time for Testing: Testing will be from 10am – 2pm on October 25th 2014.

Support Hotline: 212 813 6222

Pre-Testing:

Pre-testing can be done at anytime. We do not offer connectivity to our DR system until the day of the test. Customers can telnet to **testicon-dr.marketaxess.com**(**204.128.53.254**) **on ports 80 & 443** to verify connectivity.

A successful connection will result in the MarketAxess icon being displayed, labeled (Ashburn Datacenter)

Products available for testing:

The MarketAxess workstation, allocations system and STP components will be available for testing. This includes dealer post trade messaging; indicative inventory contributions and client order processing and fix connectivity.

Out of Scope:

NASD Trace Data

Assumptions: MarketAxess will load into the DR system a copy of the production system from End of Day on 10/22/2014.

MarketAxess will not make DNS changes for a single day test, so single sign on to the allocations system will not work. Allocations must be accessed directly from the web site. A system message will be put at the bottom of the screen indicating it is an exercise.

Connectivity:

If direct connectivity is unavailable from your disaster recovery location, testing should be performed over the Internet. Below are Internet addresses. If you will be using a direct line in your DR site, please call support for your address to DR.

Changes Required to Test / IP Addressing:

Trading System – No changes, MarketAxess will redirect from the application.

Allocations Systems – https://204.128.53.213/alloc (https://midoffice-dr.marketaxess.com/alloc)

STP Connectivity for Clients and Dealers: (You will be required to change the IP address your application connects on)

Clients: SOAP – https://204.128.53.213/stpWebServices/index.html (https://midoffice-dr.marketaxess.com/stpWebServices/index.html) STP Messenger / FIX – 204.128.53.218:443 (https://fg-dr.marketaxess.com)

Dealers:

Java Gateway (EM Front Page, Inventory, Autospot Feed, Post Trade Feed) – 204.128.53.193 Clear Text (javadg-dr.marketaxess.com)

204.128.53.217 Encrypted (javadgssl-dr.marketaxess.com)

Please call MarketAxess if your company uses a dedicated circuit in your DR location. We will provide you with the correct address.

UserIDs:

UserIDs and Passwords will be migrated from production. Passwords will need to be reset for those who do not know the production passwords.

Trade Date: Trade Date will be Saturday October 25th 2014

Settlement Date:

Settlement Date will be Wednesday October 29th 2014

Instruments:

The entire instrument database will be available for testing. For customers who want guidance on CUSIPS to use, the following are valid:

Floating Rate Note -06048WDL1 (BAC 9/01/17) High Grade - 59156RBD9 (MET 4.125 8/13/42) AGY - 3133XDZL8 (FHLB 5 12/15/15) MME - 36160UEZ2 (GE 5.1 11/06/15)

Order Information for Testing:

MarketAxess will input a buy and sell order for 1,000 (1MM) quantity on each CUSIP above for each Market Segment a given customer wishes to test. All prices will be defaulted to the automated calculation and where a price is unavailable, 100 will be entered.

Transactional Accounts

If you require MarketAxess to send you inquiries to transact with, the following client will be performing the inquiry:

Username: testuser01 Company: MA Test Company Account Number: 39168947

Sales Coverage

No sales coverage is assigned to this company. Please let us know in advance of whom you would like assigned coverage for testing. If no coverage is assigned, sales coverage will feed through as blank in the post trade feed.

Please ensure this company and user is enabled on your disaster recovery back office system to facilitate the test.

Success Criteria

Workstation Connectivity (Both Buy and Sell Side)

Login to the MarketAxess workstation is successful. MarketAxess can verify logins to the system for each company.

EM API (Sell Side Only)

MarketAxess will let the dealer know that prices are being displayed and received on our EM frontpage.

Inventory (Sell Side Only)

MarketAxess will verify that indicative prices are received with a date of 10/23 and displayed on the workstation. Dealers can also verify with their own workstation logins.

AutoSpot Feed (Sell Side Only)

MarketAxess will verify that spot requests are responded to by the dealer. Depending upon the number of participants on the system, this may not display to the dealer.

Post Trade Messaging (Both Buy and Sell Side)

Dealer / Client will verify that the messages hit their internal system and match the trading blotter in the workstation.

<u>SOAP</u>

Client will submit orders via SOAP and verify they are displayed in the workstation in an RTS [Ready to submit] state.

FIX – Input of Orders

Client will submit orders via Fix and verify they are displayed in the workstation in an RTS [Ready to submit] state.

FIX/Messenger - Client Post Trade Messaging

Client will submit order via RTS or new inquiries via the trading system. MarketAxess will transact with the client as a specified dealer (we will notify closer to the test which dealer to use.) Client will verify their internal blotter/csv download against the trading system blotter.