



ORF NTF Guidelines

Please use this guide for test setup and test performance for each listed function as applicable. Please follow the date requirements stated in each table.

Subject Definitions

Test Registration: States if your firm must register in order to test a specific function or module (e.g., FIX, API). If applicable, other pre-requisites are stated in this area of the table as well. Note, evening TDDS 2.0 testing registration is “requested” and not required.

Connectivity (Including web addresses and API file addresses): Indicates addresses, ports and other technical data pertaining to test location and connection requirements.

Testing Hours: When the test environment can be accessed for the specific module.

Data: Indicates if data transmitted will be different than normal daytime testing data.

Contact: The support personnel who should be notified pertaining to a specific testing request (e.g., registration, connectivity).

CTCI/FIX Protocols

Subject	Information	Contact
Test registration	Required	NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3
Connectivity	<p>NASDAQ OMX will provide Host IP, Port and connection IDs to firms that request access to NTF. Firms can use their current network providers to access the NTF.</p> <p>Note – The connectivity process may take between two days and two weeks to get completed based on the complexity of the connection setup.</p>	NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3
Testing hours – CTCI/FIX	<p>8 a.m. – 6:30 p.m. ET;</p> <p>Note - Firms should ensure that the test cases are <u>not</u> submitted via their NTF lines to ACT.</p>	

TRAQS Secure Website

Subject	Information	Contact
<p>Test registration (begin no earlier than April 7, 2014)</p>	<p>Required—firms must submit a TRACE Order Form (for ORF) to gain access to the secure website for testing, production, or both.</p> <p>For access to production website (when it is made available) Complete the Order Form (Option 1) and check reporting access to production <u>and</u> test.</p> <p>Users who wish to access the test site only— Complete the Order Form (Option 1) and check access to test only.</p>	<p>FINRA Operations at (866) 776-0800</p>
<p>Connectivity – NTF Secure Website</p>	<p>Up to three users per firm may connect to the NTF secure website</p> <ul style="list-style-type: none"> ▪ Once FINRA Operations processes the TRACE Order Form (for ORF) request you will receive directions to download a security certificate and be assigned a user ID to gain access to the test site only. 	<p>FINRA Operations at (866) 776-0800.</p>
<p>Web address - NTF</p>	<p>https://www-ntf.finratraqs.org/</p>	
<p>Testing hours - secure website</p>	<p>8 a.m. – 6:30 p.m. ET</p>	

Reference Data Application Programming Interface (API) Download Files

Subject	Information	Contact
<p>Test registration (begin no earlier than April 7, 2014)</p>	<p>Required — firms must submit a TRACE Order Form (for ORF) to gain access to the API for testing, production, or both.</p> <p>For access to production (when it is made available) Complete the Order Form and check API access for production <u>and</u> test.</p> <p>Users who wish to access the test API only—Complete the Order Form and check access for test only.</p>	<p>FINRA Operations at (866) 776-0800</p>
<p>Connectivity - API Secure Website Domain</p>		<p>FINRA Operations at (866) 776-0800</p>
<p>File addresses</p>	<p>The query parameters in the ORF API specification must be used in order for test reference data to be accessed. https://download-ntf.finratraqs.org</p>	
<p>Testing hours - API downloads</p>	<p>10:00 a.m. – 3:30 p.m. ET</p> <p>FINRA will schedule updates to the Daily List files on Tuesday’s and Thursday’s at 10 a.m. ET and 2 p.m. ET so users can view changes made to the test data set.</p>	

TDDS2.0 (via NTF)

Subject	Information	Contact
Test registration	Required	NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3
Connectivity requirements	<p>Firms may purchase a circuit in order to receive the test data or contact their extranet provider to request the test data stream.</p> <p>TDDS 2.0 subscribers who do not currently have a Level One data entitlement in place must first sign up for Level One data access before connectivity can be provisioned.</p>	<p>NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3</p> <p>http://www.nasdaqtrader.com/Trader.aspx?id=level1</p>
Connectivity addresses (TDDS 2.0 NTF IP Addresses)	<p>IP and ports:</p> <p>Multicast: 233.56.159.130</p> <p>Port: 55378</p> <p>Source; 206.200.23.44</p>	
Testing hours	8 a.m. – 6:30 p.m. ET	
Data	The test data will be furnished as firms are entering in their test trade data; it is possible that the test stream may experience periods of slow or no data as the stream is dependent on actual firm input testing.	

TDDS2.0 (evening via production lines)

Subject	Information	Contact
Test registration	Requested	NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3
Connectivity requirements	<p>Firms may purchase a circuit in order to receive the test data or contact their extranet provider to request the test data stream.</p> <p>TDDS 2.0 subscribers who do not currently have a Level One data entitlement in place must first sign up for Level One data access before connectivity can be provisioned.</p>	<p>NASDAQ OMX Subscriber Services at (212) 231-5180; Option #3</p> <p>http://www.nasdaqtrader.com/Trader.aspx?id=level1</p>
Connectivity addresses (TDDS 2.0 Production IP Addresses)	<p>IP and ports:</p> <p>Multicast: 224.3.0.10</p> <p>Port: 55378</p> <p>Source; 206.200.5.10</p>	
Testing hours	9:00 p.m. ET- 10:00 p.m. ET	
Data	Pre-recorded canned data will be disseminated. Users should ensure this data is treated as test and <u>not</u> co-mingled with their current TDDS production systems.	NASDAQ OMX After Hours Operations at 203.926.3400