

CONTENTS

July 2nd 2009 #19

	Page
Genium Consolidated Feed 2.1 release	2
GENIUM Consolidated Feed TIP specification version 2.1.0.0	2
Testing of the next GENIUM Consolidated Feed release will begin in GCF3 on July 7th 2009	2
Global Data Products Information	2
Summertime	2
NASDAQ OMX Launches Market Replay Europe	3
NASDAQ OMX Nordic Markets update	4
NASDAQ OMX offers new additional data for Fixed Income Derivatives	4
Release Schedule	5
2009	5
Test Environments	5
GENIUM Consolidated Feed	5
GENIUM Consolidated Feed Connectivity	5

Genium Consolidated Feed 2.1 release

GENIUM Consolidated Feed TIP specification version 2.1.0.0

The GCF TIP 2.1.0.0 supporting the GENIUM Consolidated Feed 2.1.0 changes is now available on:

<http://nordic.nasdaqomxtrader.com/marketdata/datafeeds/geniumconsolidatedfeed/>

The specification covers all known changes to the protocol triggered by the enhancements planned for the GENIUM Consolidated Feed 2.1.0 release. There might be minor updates in August, 2009 dependant customer input and findings during extended testing.

Testing of the next GENIUM Consolidated Feed release will begin in GCF3 on July 7th 2009

GENIUM Consolidated Feed will be upgraded from the current version 2.0.1 (TIP 2.0.0.5) to version 2.1.0 (TIP 2.1.0) on 19 October 2009. External testing of the next release will begin in GCF3 test environment on 7 July 2009. GCF3 will be down for upgrade as of 2 July 2009 and available for external testing of GCF 2.1.0 between July 7th, 2009 and October 19 th, 2009. GCF2 test environment will remain in the current version 2.0.1 for now.

The account names and passwords will be different in version 2.1.0 compared to the current setup. By default, each GCF customer will have one account with maximum of two simultaneous sessions, both in production and in each external test environment. To receive the new account details for your company, please contact DataProducts@nasdaqomx.com.

GCF Recorder that creates basic data and closing data files from the real time feed will also be upgraded together with the GCF 2.1.0 upgrade on October 19th, 2009. The current MDDL (xml) file format will be replaced with TIP format text files, excluding the index files since they are not generated by GCF Recorder. This change will affect those customers who subscribe to our equities, derivatives or fixed income End of Day products that are distributed via File Delivery System (FDS). The new GCF Recorder will be installed in the GCF3 test environment after upgrading GCF3 to version 2.1.0 on July 7th, 2009, and test files will later be made available for subscribers.

Global Data Products Information

Summertime

From week 28 until mid- August the Global Data Products Newsletter will not be sent on regular basis. Information will be sent out on occasions when needed.

NASDAQ OMX Launches Market Replay Europe

On Wednesday, July 1st, 2009, NASDAQ OMX launched Market Replay Europe, a powerful replay and analysis tool for the European markets. Market Replay Europe provides quote and trade data from major European exchanges via an easy-to-use interface. Market Replay Europe can help you monitor MiFID compliance.

Today, Wednesday, July 1, 2009, NASDAQ OMXSM launched NASDAQ OMX Market Replay Europe. Powered by Neonet (<http://www.neonet.com>), Market Replay Europe is an extremely powerful replay and analysis tool that allows users to view quotes and trades from major European exchanges at any point in time. Market Replay Europe provides users with instant access to historical and intraday data, helping to alleviate confusion and frustration from fragmentation between the European markets.

Market Replay Europe provides quote and trade data from the following exchanges:

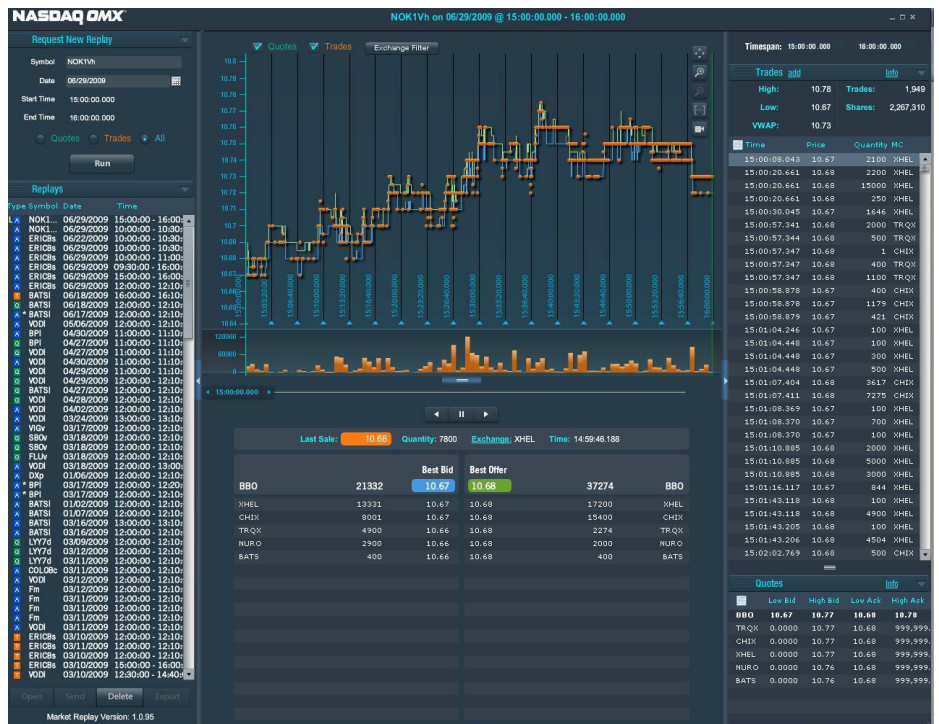
- NASDAQ OMX Copenhagen
- NASDAQ OMX Helsinki
- NASDAQ OMX Stockholm
- NASDAQ OMX Europe
- BATS
- Borsa Italia
- Burgundy
- Chi-X
- Frankfurt Stock Exchange
- London Stock Exchange
- NYSE Euronext Amsterdam
- NYSE Euronext Lisbon
- NYSE Euronext Brussels
- NYSE Euronext Paris
- Oslo Børs
- Turquoise
- Virt-X

Market Replay Europe provides users the ability to:

- Filter by exchange to remove those exchanges not included within your MiFID execution policy
- Replay and analyze market activity down to the millisecond
- Select a time range to learn the full price range of bids and offers
- Share a replay with clients to confirm best execution
- Upload custom trades (represented in a different color)
- Identify your trade within the market orders
- Upload a trade not reported to the consolidated tape
- Plot the trades by adjusting the timestamp
- Sort both replay and trade lists
- Search for symbol and ISIN within the tool

Market Replay Europe helps firms with MiFID compliance by:

- Displaying all pertinent venues to determine the best price available at the time
- Removing those venues excluded by your MiFID execution policy
- Providing instant access to historical data
- Retaining all quote and trade data indefinitely, allowing users to reference the data at a later date in time



Find more information at:

<http://nordic.nasdaqomxtrader.com/marketdata/DirectWebProducts/MarketReplayEurope/>

NASDAQ OMX Nordic Markets update

NASDAQ OMX offers new additional data for Fixed Income Derivatives

NASDAQ OMX will effective from June 8th provide the market with the daily margin price through our market data vendors. The daily margin price is used to establish the collateral needed for our interest rate forwards that have monthly settlement. This information will enable clients to create STP solutions with their back- and middle office systems when trading the interest rate forwards that are listed on NASDAQ OMX. The instruments on the submarket SWEDISH BOND that will have this information are:

- Government Forwards
- Mortgage Forwards
- Forward Rate Agreements (Both Swedish and Norwegian)

For the newly launched RIBA and NOIS contract the daily settlement price are being distributed by NASDAQ OMX.

NASDAQ OMX also provides end of day open interest and daily volume for all cleared standardized interest rate instruments that are listed on the exchange. This will further enhance the transparency of the instruments and make it possible to perform better analysis of the liquidity and depth of the market.

The new data will be sent in OrderbookSummary, TradeStatistics and BasicData messages:

	TIP message	TIP field
Daily margin price	OrderbookSummary	SettlementPrice
Daily volume	TradeStatistics, OrderbookSummary	AccumulatedVolume
Open interest	BasicDataDerivative	OpenInterest

Release Schedule

2009

date	product/system
October 19th	GENIUM Consolidated Feed 2.1 – Support for INET Nordic
November 30th	INET Nordic – SAXESS replacement - Baltic and Icelandic markets
December 7th	INET Nordic – SAXESS replacement - Nordic markets

Test Environments

GENIUM Consolidated Feed

GCF Environment			Source Systems			
	Ver.	TIP	Equities and related	Fixed Income	Derivatives	Index
GCF2	2.0.1	2.0.0.5	• SAXTST1	• SAXTST1	• CLICK Test • Nord Pool test	• ICS (Index Calculation System) production data.
GCF3	2.1.0 *	2.1.0 *	• SAXESS Production	• SAXESS Production	• CLICK Production • Nord Pool prod	• ICS - production data.
GCF5	2.1.0	2.1.0	• INET PreProd	• SACTST4	• CLICK Test	• ICS - INET Test system

* The upgrade of GCF2 to GCF version 2.1.0 is delayed and GCF3 will instead first be upgraded to GCF 2.1.0 and will be available with new login information from Tuesday July 7th.

GENIUM Consolidated Feed Connectivity

	SITE A - IP & Port		SITE B - IP & Port	
	IP Address	DDS Port	IP Address	DDS Port
GCF Production	192.176.3.132	29900	192.176.3.164	29900
GCF2	192.176.3.133	29100	192.176.3.165	29100
GCF3	192.176.3.133	29200	N/A (single site)	
GCF5	192.176.3.133	29400	192.176.3.165	29400

Contact Information

For more information from NASDAQ OMX Global Data Products, please visit:

<http://nordic.nasdaqomxtrader.com/marketdata/>

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