

Global Data Products

March 16th 2009

WEEKLY NEWSLETTER: 2009-08

NEW PRODUCTS

NASDAQ OMX Introduces Plans for Market Replay Europe, a Replay and Analysis Tool for European Markets

What is Market Replay Europe?

NASDAQ OMX Market Replay Europe is an extremely powerful replay and analysis tool that allows users to view the data from major European exchanges at any point in time. Market Replay Europe will provide users with instant access to historical and intraday quote and trade data, helping to alleviate confusion and frustration from fragmentation between the European markets.

Still in Beta, NASDAQ OMX is hoping to launch Market Replay Europe in the second quarter of 2009. Market Replay U.S. is currently available via the [NASDAQ OMX DataStore](#).

What are the features of Market Replay Europe?

Market Replay Europe features will include:

- 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
- Filter by exchange to remove those exchanges not included within your MiFID execution policy
- Custom trades upload (represented in a different colour)
 - Identify your trade within the market orders
 - Upload trades not seen on the replay
 - Plot the trades and show that it received the best price
- Replay and trade list sort functionality
- Symbol and ISIN Lookup Tools

How can Market Replay Europe help with MiFID compliance?

Market Replay Europe helps firms verify MiFID compliance by:

- Displaying all pertinent venues to determine the best price available at the time
- Providing instant access to historical data
- Retaining data in order to go back to the date at a later time

Where can I get additional information?

- Visit the [NASDAQ OMX DataStore](#).
- In the U.S., contact NASDAQ OMX Global Data Products at +1 301 978 5307, Option #3.
- In Europe, contact [NASDAQ OMX Global Data Products](#) at +45 3393 3366.

NASDAQ OMX Nordic Markets update

NASDAQ OMX to disseminate a new index in GCF on March 16th, 2009

On March 16th, 2009 NASDAQ OMX will begin disseminating a new index called OMXS30 Balance 20 Percent. The index will be available through GCF.

The index measures the performance of a rule-based, quantitative investment strategy that reflects the relative return of the OMX Stockholm 30 Gross index (Underlying Index) against the Tomorrow Next (T/N) interbank offered rate for deposits in SEK, based on a 20% target volatility risk control mechanism for the Underlying Index. The Index Rules which are developed by Svenska Handelsbanken AB are quantitative and contain no subjectivity.

The index will have a base date of March 16th, 2009 with base value 100. The index will be disseminated once a day in GCF and added to existing equity and index products, and is located on exchange: XSTO.

Ticker code	Full name	ISIN	SAXESS-ID	GCF ID
OMXS30BAL20	OMXS30 Balance 20 Percent	SE0002768366	2390	9230

NASDAQ OMX to disseminate the index Affärsvärdens Generalindex on April 1st, 2009

On April 1st, 2009 NASDAQ OMX will start calculating Affärsvärdens Generalindex. The index will be rebranded as OMX AFGX. OMX AFGX is a broad market capitalized index including all listed companies on NASDAQ OMX Stockholm. The index is back calculated to 1901 and is the oldest share index in Sweden.

The index will be available through GCF, and will have a base date of December 12th, 1995, with base value 100. The index will be added to existing equity and index products, and is located on exchange: XSTO. GCF ID will be presented when available.

Ticker code	Full name	ISIN	SAXESS-ID
OMXAFGX	OMX Affärsvärdens Generalindex	SE0002801670	2391

NASDAQ OMX Nordic Trading Expanded to Include Norwegian Shares

We have the great pleasure to inform you that NASDAQ OMX intend to expand its trading offering to also include equities listed in Norway. We undertake this initiative in light of customer demand, which is dramatically changing the competitive landscape for exchanges. We want to extend our trading offering to include shares from all Nordic countries on one trading platform, thereby creating substantial benefits – such as lower cost of trading - to our customers.

As you may already know NASDAQ OMX is not only the world's largest exchange company, but also an exchange company with a very strong Nordic foothold. We have offices and operations in all Nordic countries and operate the stock exchanges in Copenhagen, Helsinki, Stockholm and Iceland. Combined, our markets have over 700 listed companies and handle about 75% of the Nordic region's equity trades. Our equity trading is complemented by strong derivatives, fixed income and commodities markets.

We are confident that our extended trading offering to include Norwegian equities will be very interesting for you to investigate further. NASDAQ OMX plans to start offering trading of the 25 most traded equities listed on Oslo Stock Exchange's regulated market on Monday, March 23. Later this year, we intend to also admit the remaining listed equities to trading.

As a market data feed recipient, you will of course have the possibility to receive high speed market data for the trading of Norwegian equities. Nordic TotalView, GENIUM Consolidated Feed and many other data products will automatically be extended to include NASDAQ OMX quoting and trading data for equities listed in Norway. With all Nordic equities traded on one platform, our Nordic data products become all the more valuable without any incremental cost.

Trading in Norwegian equities is already today offered at a number of Multilateral Trading Facilities (MTFs). However, NASDAQ OMX has decided to take a different approach. Instead of an MTF, we will offer trading in Norwegian shares on our regulated market, NASDAQ OMX Stockholm.

This initiative will create a single point of access to all shares listed on the major Nordic markets. Through our global distribution companies will benefit from added visibility. Our experience from the US market also shows that competition between trading venues has improved market efficiency and can contribute to adding new liquidity.

In the attached document, you will find more details on our offering. We are of course always available to answer any questions you might have.

Extending trading to also include Norwegian shares yet again proves NASDAQ OMX's relentless strive to develop and deliver added value to our customers. We at NASDAQ OMX are all looking forward to work with you in increasing the efficiency of the Nordic, European and Global financial markets.

More information about shares can be found in [Global Data Products weekly Newsletter #6](#).

GENIUM Consolidated Feed and INET migration

INET Nordic migration – GENIUM Consolidated Feed adaptations

About

INET Nordic will in Q4 2009 replace SAXESS as trading system for equities and related instruments (see details in figure on next page). The support for INET Nordic will be introduced in GENIUM Consolidated Feed in the GCF2.1 release preliminary planned for launch on September 14th 2009. Protocol changes dependant INET Nordic launch will be introduced well in advance to the actual switch of trading platform, limiting the changes during INET Nordic launch in Q4 2009 as much as possible.

Market Structure

The hierarchy of markets is based on different market segments which group securities into relevant collections for various trading, administrative and regulatory purposes. The below structure is applied within NASDAQ OMX Nordic market.

	Equities and Related					Miscellaneous Markets				
	STO Equities	HEL Equities	CPH Equities	ICE Equities	Riga/ Tallinn /Vilnius	First North STO	First North HEL	First North CPH	First North ICE	First North Riga/ Tallinn/Vilnius
Shares	X	X	X	X	X	X	X	X	X	X *
Warrants and Certificates	X	X	X							
Equity Rights	X	X	X	X *	X *	X	X	X	X	
Fund Units, ETFs	X	X	X	X	X					
Convertibles	X	X				X				
ETC*	X									
Collective Investment Undertakings				X						

* Currently contains no or active order books

All available information can be found on the [INET Nordic migration page](#).

User name: omse

Password: member

Mandatory changes to GENIUM Consolidated Feed 2.1

INET Nordic will replace SAXESS as source for equities and related instrument types in GENIUM Consolidated Feed. The Nordic derivatives and fixed income markets are not affected by the move to the new platform, apart from the Icelandic Fixed Income instruments that also will be move to the INET Nordic trading platform to facilitate trading for local Icelandic exchange members. The change of source for equities data will affect the GENIUM Consolidated Feed, and the changes in the protocol are described in the GCF TIP 2.1 protocol revision history. In addition to add new data in the feed, a review of the messages has been performed to offer a more bandwidth efficient protocol. These changes makes the GCF TIP 2.1 protocol non-backward compatible why **all customers must plan for an upgrade.**

For TotalView customers there is an option to receive unrefined, non-aggregated equities market data straight off the INET Nordic trading system through the ITCH-protocol. The Nordic ITCH Feed is limited in scope. Sourcing from the INET Nordic trading system, it does not distribute trade reports, index, statistics and other refinements that are available through the GENIUM Consolidated Feed. For TotalView customers choosing to take the Nordic ITCH for equities market data, additional market information is made available through GCF TIP. Testing opportunities for the Nordic ITCH Feed will be available starting in March 2009, starting with connectivity testing followed by a wider scope throughout the spring.

Launch of INET Nordic starts on November 30th, 2009 with a migrating the Baltic and Icelandic markets, ending with the migration of the Swedish, Danish and Finnish markets December 7th, 2009. The switch of source for market data from SAXESS to INET Nordic will have an effect on content in GENIUM Consolidated Feed, but no central system upgrade is planned for the INET Nordic launch period.

Test

The new test environment GCF5 will be dedicated to testing of GENIUM Consolidated Feed 2.1 and is available from March 2nd, 2009. Please contact DataProducts@nasdaqomx.com and state your GCF user account to receive logon information.

New TIP-specification

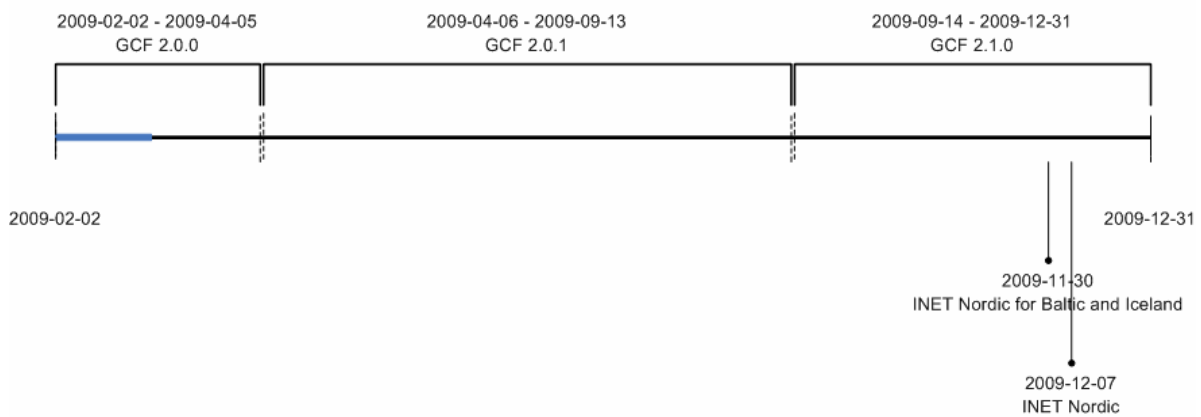
A new version of GENIUM Consolidated Feed TIP specification is available on NasdaqomxTrader.com. The new TIP 2.1.0.0 specification is a draft of the TIP version that is planned for release in production on September 14th, 2009 in the GENIUM Consolidated Feed 2.1 release. Future updates to the 2.1 specification will be minor. Please see revision history in the TIP specification for details about changes made compared to current TIP version in production environment.

TIP 2.1.0.0 specification and further information about GENIUM Consolidated Feed can be found on: <http://nordic.nasdaqomxtrader.com/marketdata/datafeeds/geniumconsolidatedfeed/>

GENIUM Consolidated Feed and INET Nordic release dates

GENIUM Consolidated Feed 2.1 test (GCF5) Supporting connectivity and reference data only	March 2 nd , 2009
GENIUM Consolidated Feed 2.1 test (GCF5) Increased support including INET Nordic real time market data	March 16 th , 2009
GENIUM Consolidated Feed 2.1 production launch	September 14 th , 2009 (prel.)
INET Nordic/ITCH - Icelandic and Baltic markets	November 30 th , 2009
INET Nordic/ITCH – Swedish, Danish and Finnish markets	December 7 th , 2009

GENIUM Consolidated Feed Production environment



GENIUM Consolidated Feed support

The GENIUM Consolidated Feed migration mail-address (GCFMigration@nasdaqomx.com) has been closed down since the migration from the TARGIN TIP Feed to the GENIUM Consolidated Feed was completed on February 2nd, 2009.

For Data Product Management and Data Feed Content Issues please mail to:

DataProducts@nasdaqomx.com

For technical support or Real-Time Market Data Emergency please contact

Operator@nasdaqomx.com or +46 8 405 6580

For questions related to the migration from the current SAXESS Equities Trading platform to the INET Nordic Equities Trading platform please mail to INETNordic@nasdaqomx.com.

Thank you for your cooperation during the GENIUM Consolidated Feed migration project.

NASDAQ OMX Global Data Products informs

Next NASDAQ OMX Global Data Products Conference Call

NASDAQ OMX Global Data Products will hold its next monthly conference call for direct data feed recipients and market data distributors on Tuesday, April 7th, at 16.00 CET.

Next Date: **Tuesday, April 7th**

Time: **16.00 CET** (10:00 a.m., ET)

International Call-In Number: +1 210 883 9296

U.S. Call-In Number: +1 800 779 9619

Password: MONTHLY

Conference Leader: Randall Hopkins

The NASDAQ OMX Global Data Products Team will provide updates on current and upcoming product initiatives.

For additional information, please contact your NASDAQ OMX Global Data Products Account Manager.

TEST ENVIRONMENTS

GENIUM Consolidated Feed

	Version	SAXESS connection	CLICK connection	Notes
GCF2	2.0.0.4	SAXTST1	Test (SEOMMC)	ICS (Index Calculation System) production data.
GCF3	2.0.0.4	Production	Production	
GCF5	2.1.0.0	-	-	INET related connectivity and reference data test. Contact DataProducts@nasdaqomx.com to receive login information.

Please notice that there is a scheduled service window in GCF test systems every Thursday between 09:00 and 12:00 CET. During the service windows the GCF test systems may be inaccessible.

Best Regards,
NASDAQ OMX – Global Data Products

For more information from NASDAQ OMX Global Data Products, please visit:
<http://nordic.nasdaqomxtrader.com/marketdata/>