

### CONTENTS

December 7 2009 #38

	Page
<b>INET Nordic migration</b>	<b>2</b>
Test opportunities leading up to the February 8th 2010 launch of INET Nordic	2
Pre-publication of Id-Codes	2
<b>Global Data Products Information</b>	<b>3</b>
Correction to historical values for NASDAQ OMX Commodities	3
NASDAQ OMX Global Data Products to introduce new market data distribution system in 2010	3
<b>Release Schedule</b>	<b>4</b>
2009	4
2010	4
<b>Test Environments</b>	<b>5</b>
GENIUM Consolidated Feed	5
<b>GENIUM Consolidated Feed Connectivity</b>	<b>5</b>

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## INET Nordic migration

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### **Test opportunities leading up to the February 8th 2010 launch of INET Nordic**

As previously announced, the launch of INET Nordic has been re-scheduled to February 8th 2010. The migration concerns all NASDAQ OMX Nordic and Baltic Equity and Warrant Markets as well as the Icelandic Fixed Income market.

The GENIUM Consolidated Feed test environments allocated to the INET Nordic migration is GCF4 and GCF5. The GCF5 environment is connected to the future INET Nordic production platform. In GCF5 three additional Market Wide Acceptance Tests has been scheduled prior to launch (Dec 12th, Dec 21st and Jan 14th). NASDAQ OMX recommend participation in the scheduled Market Wide Acceptance Tests since system output will be generated by market participants during these tests instead of being generated by NASDAQ OMX load generators.

The GCF4 test environment is connected to INET OTF, the test environment specifically designed and dimensioned for functional testing. To facilitate customer logon to these environments, all existing GCF customer accounts and subscriptions have been copied from the production environment to the GCF4 and GCF5 test environments with the added user and password prefix TEST4\_ and TEST5\_ respectively. A complete description of the test environments and the test schedule is described in the **INET Nordic Test Calendar**.

### **Pre-publication of Id-Codes**

To facilitate the migration, NASDAQ OMX will pre-publish key reference data with the future TIP IdCodes in GCF5 starting January 18th. These codes will also be specified in a separate document made available at the same time. A complete description of the approach regarding reference data is available in the document:

**INET Nordic Reference data availability and migration**.

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## Global Data Products Information

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### Correction to historical values for NASDAQ OMX Commodities

Due to some system errors as a result of Nord Pool's system upgrade on April 20, some historical records published in the "quotation files" on Nord pool's FTP server have been incorrect. All such errors have now been corrected, and vendors who want a complete and accurate historical data set are advised to update their historical databases accordingly. The file [ftp://ftp.nordpool.com/Financial\\_market/FTPSourceUpdate.xls](ftp://ftp.nordpool.com/Financial_market/FTPSourceUpdate.xls) has a complete log of all changes that has been made. This file is also available from the directory [ftp://ftp.nordpool.com/Green\\_Markets/FTPSourceUpdate.xls](ftp://ftp.nordpool.com/Green_Markets/FTPSourceUpdate.xls). Please note that this is the same file. It is available from two locations as some vendors only have access to one or the other directory. The file contains updates both for the power and the carbon markets.

Please contact [dataproduts@nasdaqomx.com](mailto:dataproduts@nasdaqomx.com) if you have any questions on this data. NASDAQ OMX Commodities and Global Data Products sincerely apologizes for the inconvenience this may cause.

### NASDAQ OMX Global Data Products to introduce new market data distribution system in 2010

NASDAQ OMX has initiated the design phase of the next generation of market data feed for consolidated, refined and value added market information. To facilitate customer implementation, the feed is to be aligned with the NASDAQ OMX global standard for direct feeds for trading market data, ITCH.

The new protocol is titled: Enhanced Itch and it is designed to disseminate the same market information content as the current GENIUM Consolidated Feed (GCF) does via TIP today. Enhanced Itch has the benefit of sharing interaction model and structure with Itch – the NASDAQ OMX ultra low latency protocol used for trading market data.

- [Draft-version of the Enhanced Itch protocol - Reference Data](#)



- [Draft-version of the Enhanced Itch protocol - Real-time Data](#)



The new feed is expected to be introduced in 2010, and will be available in parallel with the current TIP feed during a limited cut over period to support customer migration. NASDAQ OMX Global Data Products will post new updates and details to keep you informed regarding project progress in January 2010.

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## Release Schedule

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### 2009

DECEMBER	
date	product/system
<b>December 7th</b>	<b>New index: OMX Stockholm All-Share Cap GI</b>
On Monday, December 7th, 2009, The NASDAQ OMX Group will begin disseminating a new index called OMX Stockholm All-Share Cap GI.	
<b>December 11th</b>	<b>CCP Clearing for Stockholm and Helsinki ETFs</b>
11 ETFs on NASDAQ OMX Stockholm and 1 ETF listed on NASDAQ OMX Helsinki will be moved from bilateral settlement to Central Counterparty Clearing serviced by EMCF.	
<b>December 14th</b>	<b>New submarket OMX STO Benchmark Bonds Price</b>
NASDAQ OMX Stockholm introduces a new submarket <i>OMX STO Benchmark Bonds Price</i>	
<b>December 14th</b>	<b>NASDAQ OMX will begin disseminating three new indexes</b>
ABG TMT Nordic Index, BPT Nordic Index and BPT Nordic return Index	

### 2010

JANUARY	
date	product/system
<b>January 1st</b>	<b>Change in Nordic Fixed Income Level 2 entitlement</b>
FEBRUARY	
date	product/system
<b>February 8th</b>	<b>INET Nordic – SAXESS replacement - Nordic &amp; Baltic markets</b>
INET migration from SAXESS. In the new timetable, implementation will take place on February 8 in all our seven marketplaces in the region: Copenhagen, Stockholm, Helsinki, Tallinn, Riga, Vilnius and Iceland.	

## Test Environments

### GENIUM Consolidated Feed

GCF Environment			Source Systems			
	Ver.	TIP	Equities and related	Fixed Income	Derivatives	Index
<b>GCF2</b>	2.1.0	2.1.0	• SAXTST1	• SAXTST1	• CLICK Test • Nord Pool test	• ICS - production-like data • ICS_INDEX - test data • ICS_INDEX2 - test data
<b>GCF3</b>	2.1.0	2.1.0	• SAXESS Production	• SAXESS Production	• CLICK Production • Nord Pool prod	• ICS - production-like data • ICS_INDEX - prod.-like data • ICS_INDEX2 - prod.-like data • ICS_FI - production-like data
<b>GCF4</b>	2.1.0	2.1.0	• INET Test	• SAXTST4	• CLICK Test • Nord Pool prod	• ICS - INET PreProd test systems
<b>GCF5</b>	2.1.0	2.1.0	• INET PreProd	• SAXTST4	• CLICK Test • Nord Pool test	• ICS - INET PreProd test systems

- GCF5 – GCF 2.1 with INET Nordics pre production sources reflecting February 8th, 2010 environment
- Please notice that there are scheduled service windows in GCF2 and GCF3 test systems every Thursday between 09:00 and 12:00 CET. During the service windows the GCF test systems may be inaccessible.

### GENIUM Consolidated Feed Connectivity

	SITE A - IP & Port		SITE B - IP & Port	
	IP Address	DDS Port	IP Address	DDS Port
<b>GCF Production</b>	192.176.3.132	29900	192.176.3.164	29900
<b>GCF2</b>	192.176.3.133	29100	192.176.3.165	29100
<b>GCF3</b>	192.176.3.133	29200	N/A (single site)	
<b>GCF4</b>	192.176.3.133	29300	N/A (single site)	
<b>GCF5</b>	192.176.3.133	29400	192.176.3.165	29400

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## Contact Information

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

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

### **Real-Time Market Data Emergency**

+46 8 405 6580

[Operator@nasdaqomx.com](mailto:Operator@nasdaqomx.com)

### **Information on Products**

+45 33 93 33 66

[DataSales@nasdaqomx.com](mailto:DataSales@nasdaqomx.com)

### **Data Product Management and Data Feed Content Issues**

+45 33 93 33 66

[DataProducts@nasdaqomx.com](mailto:DataProducts@nasdaqomx.com)

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The NASDAQ OMX Group, Inc. is the world's largest exchange company. It delivers trading, exchange technology and public company services across six continents, with over 3,700 listed companies. NASDAQ OMX Group offers multiple capital raising solutions to companies around the globe, including its U.S. listings market; NASDAQ OMX Nordic, NASDAQ OMX Baltic, including NASDAQ OMX First North; and the U.S. 144A sector. The company offers trading across multiple asset classes including equities, derivatives, debt, commodities, structured products and ETFs. NASDAQ OMX Group technology supports the operations of over 70 exchanges, clearing organizations and central securities depositories in more than 50 countries. NASDAQ OMX Nordic and NASDAQ OMX Baltic are not legal entities but describe the common offering from NASDAQ OMX Group exchanges in Helsinki, Copenhagen, Stockholm, Iceland, Tallinn, Riga, and Vilnius. For more information about NASDAQ OMX, [www.nasdaqomx.com](http://www.nasdaqomx.com).