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# INET Nordic migration

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## INET Nordic Launch Preparations and Launch weekend plan

This is an overview of the preparations related to the launch of INET Nordic and changes to related systems.

Note that Market Data vendors, Members, Service bureaus and data centers should send a contact for the launch weekend to [INETNordic@nasdaqomx.com](mailto:INETNordic@nasdaqomx.com) including e-mail address, phone number and name. This is mandatory.

### GENIUM Consolidated Feed launch preparations

#### **Friday - February 5th**

GENIUM Consolidated Feed will close early at 20.00 CET. Note that all test systems for INET and GCF will be closed during the launch weekend from Friday evening until Monday evening.

#### **Saturday – February 6th**

At 11.00 CET on Saturday February 6th, NASDAQ OMX will have completed the migration and open for connectivity and reference data load. GENIUM Consolidated Feed customers are strongly recommended to perform a full basic data -load on Saturday February 6th. Please note that no data from source: CLICK will be available during this day.

#### **Sunday - February 7th**

If full basic data-load in GENIUM Consolidated Feed has not been performed on Saturday February 6th, the basic data from that date shall be loaded. Please note that no data from source: CLICK will be available during this day.

#### **Monday - February 8th**

To receive derivatives basic-data from CLICK-source a full basic data-load in GENIUM Consolidated Feed is recommended.

### General launch preparation overview

#### **Week of February 1st – Connectivity test and launch preparations**

By Monday morning production passwords will be enabled for ITCH. INET Pre production will be open for login tests, between 7.00 and 23.00 CET. All markets will be closed, no trading is allowed.

#### **Launch Weekend initiated Friday February 5th**

The launch weekend plan is presented on the INET Nordic web site.

<http://nordic.nasdaqomxtrader.com/memberextranet/inetnordic/>

A summary of the activities and timeline is outlined below:

In the morning on February 5th NASDAQ OMX will publish a notice and send email about that the migration will be initiated after the closing cross Friday evening. A notice will be published on the INET Nordic web site.

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After the closing cross (17.30 CET) the launch preparations will be started by flushing the order books and deferred trades will be pre published. This is done at the same time for all exchanges. To have time for this activity closed CLSD state change is moved until 18.30 for all exchanges and markets. GENIUM Consolidated Feed will close early at 20.00 CET. No further messages will be published during Friday February 5th.

**Saturday – February 6th - Confidence Test**

At 11.00 CET on Saturday February 6th, NASDAQ OMX will have completed the migration and open for connectivity and reference data load.

Customers should connect and login to all applicable protocols and download reference data to prepare for Monday morning. All markets will be in closed state.

Latest 17.00 CET NASDAQ OMX will send a message to the launch weekend mail list (IT notice will be published and the web will be updated) to confirm that the trading system migration to INET has been completed and NASDAQ OMX and members are ready to go live on Monday morning. In case a roll back is necessary this will be communicated at that point of time. GENIUM Consolidated Feed users are strongly recommended to perform a full basic data -load on Saturday February 6th.

**Sunday February 7th – No activities – reserved for roll back**

Sunday February 7th is reserved in case a roll back scenario is necessary. In case a roll back is necessary this will be communicated at 17.00 CET on Saturday February 6th. If full basic data-load in GENIUM Consolidated Feed has not been performed on Saturday February 6th, the basic data from that date shall be loaded. The roll back framework is described in a separate document:

**[http://nordic.nasdaqomxtrader.com/digitalAssets/65/65822\\_inet\\_transition\\_rollback\\_framework.pdf](http://nordic.nasdaqomxtrader.com/digitalAssets/65/65822_inet_transition_rollback_framework.pdf)**

**Monday February 8th – INET Nordic Launch**

On the launch day the applicable operational routines and schedules will be followed. The INET system will open for connectivity at 6.45 CET and start of day is scheduled for 07.00 CET.

**Communication during Launch Weekend**

For communication NASDAQ OMX will use a combination of launch weekend e-mail list, Exchange/IT Notices and updates on the INET Nordic member web. To be continuously updated about launch progress all Market Data Vendors, Members,, Service bureaus and data centers should send a contact for the launch weekend to **[INETNordic@nasdaqomx.com](mailto:INETNordic@nasdaqomx.com)** including e-mail address, phone number and name.

INET Nordic Web: **<http://nordic.nasdaqomxtrader.com/memberextranet/inetnordic/>**

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## Genium Consolidated Feed

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### **New SourceID for indexes with orderbooks related to Norwegian Oslo Børs when trading is migrated from SAXESS**

When trading in Norwegian equities on the primary Oslo Børs market are moved from the SAXESS system the Oslo Børs -related indexes will change index calculation system source. That means that the TIP source ID will change for a number of indexes. There are approximately 580 indexes in GCF included in Nordic Equity data entitlements and VINX index entitlements that contains Norwegian orderbooks, and those will have a changed TIP source ID (Si).

GCF2 was setup for relevant testing but because the change has been postponed GCF2 will be roll-backed effective February 1st, 2010. When a new release date is announced by Oslo Børs, NASDAQ OMX will announce the date for the index move to a new ICS source. Test data will then again be available.

### **GENIUM Consolidated Feed will close early at 20.00 CET on Friday February 5th**

On Friday February 5th, 2010 GENIUM Consolidated Feed will close early at 20.00 CET related to the INET Nordic migration. Please read more in the [INET Nordic Migration](#) section in this newsletter.

### **No TIP exchangeID for indexes in GENIUM Consolidated Feed after INET launch on February 8th, 2010**

Related to the introduction of new index reference data in GENIUM Consolidated Feed in 2009 new indexes does not have any TIP exchange ID (TIP: Ex). When INET is launched on February 8th, 2010 remaining exchange ID on indexes in ICS sources will be removed. For the indexes where the exchange information is relevant it is populated in the field MIC code (Mic). Indexes from sources SAXESS and CLICK are not affected by this change.

This change will be effective when INET is launched, and the test data will be available in GENIUM Consolidated Feed test environments GCF4 and GCF5 from Monday January 25th, 2010.

<b>Affected ICS sources in GCF</b>	
<b>Source</b>	<b>ID</b>
ICS	5
ICS_FI	12
ICS_INDEX	6
ICS_INDEX2	7

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## NASDAQ OMX Nordic Markets update

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### NASDAQ OMX changes index algorithm for the OMX Stockholm indexes

On March 1st, 2010 NASDAQ OMX will change the index algorithm and use correction factor instead of adjustment amount when calculating the OMX Stockholm indexes, including OMX Stockholm Benchmark Index. The same algorithm is currently used for calculating the VINX indexes. The reason for the change is to publish the new divisor in the morning report, before the market opens during a corporate action adjustment, a change requested by market participants. Please see attached file with list of indexes affected by this change.

The result of the calculation will be unchanged, no new fields, columns or rows will be added or deleted to the reports. The information in the correction factor field will replace the adjustment amount information.

To view an example of the difference between the old and new algorithm, please see attached file for OMXS30.

### NASDAQ OMX changes index algorithm for the OMX Oslo 20 Index

On March 1st, 2010 NASDAQ OMX will change the index algorithm and use correction factor instead of adjustment amount when calculating the OMX Oslo 20 Index. The same algorithm is currently used for calculating the VINX30 index. The reason for the change is to publish the new divisor in the morning report, before the market opens during a corporate action adjustment, a change requested by market participants.

The result of the calculation will be unchanged, no new fields, columns or rows will be added or deleted to the reports. The information in the correction factor field will replace the adjustment amount information. To

view an example of the difference between the old and new algorithm, please see please see attached file for OMXS30.

Code	Name	Source ID	GCF ID	ISIN	Source
OMXO20	OMX Oslo 20	2402	9292	SE0002947507	ICS (ID:6)
OMXO20GI	OMX Oslo 20 GI	2404	9296	SE0002947515	ICS (ID:6)
OMXO20EXP	OMX Oslo 20 Expiration PI	2403	9294	SE0002947523	ICS (ID:6)

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## Global Data Products Information

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### Change of launch date for new FTP files on <ftp://ftp.nordpool.com>: April 30th, 2010

As previously communicated, NASDAQ OMX Commodities and Nord Pool ASA will change the content, location and file names of the files relating to the financial power and carbon market on Nord Pool's FTP server (<ftp://ftp.nordpool.com>). These changes are described in **Nord Pool Exchange Notice 107/09** (<http://www.nordpool.com/en/asa/Quotes-and-market-information/Exchange-information/2009/no-10709-Changes-to-files-on-Nord-Pools-FTP-server/>)

Several customers have reported that they will not be ready for the launch date originally planned. Because of this, NASDAQ OMX will implement this change on April 30th, 2010. This only affects the implementation date. The content and the location of the files will change exactly as previously noticed.

For a detailed explanation of the new files, please see:

**[ftp://ftp.nordpool.com/Information/Changes\\_to\\_ftp\\_files\\_December\\_2009.pdf](ftp://ftp.nordpool.com/Information/Changes_to_ftp_files_December_2009.pdf)**

For further information, please contact NASDAQ OMX:

Product management, global data products, [dataproduts@nasdaqomx.com](mailto:dataproduts@nasdaqomx.com)

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## Release Schedule

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### 2010

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	• SACTST4	• CLICK Test • Nord Pool prod	• ICS - INET PreProd test systems
<b>GCF5</b>	2.1.0	2.1.0	• INET PreProd	• SACTST4	• CLICK Test • Nord Pool test	• ICS - INET PreProd test systems

• Note that all test systems for GCF and INET will be closed during the launch weekend from evening Friday February 5th until Monday evening February 8th.

• GCF5 – GCF 2.1 with INET Nordics pre production sources reflecting February 8th, 2010 production 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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