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## Global Data Products information

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### 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 currently distributed in TIP format via the GENIUM Consolidated Feed. The design guideline is to create a market data platform that can handle the future market data volume and refine and distribute this in an efficient way with very little added latency. 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 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 to keep you informed regarding project progress.

### NASDAQ OMX Revises NASDAQ OMX Global Subscriber Agreement

- NASDAQ OMX has revised the Global Subscriber Agreement to reflect slightly revised terms for customers.
- As of Friday, October 2nd, 2009, NASDAQ OMX will replace all versions of the Global Subscriber Agreement with **NASDAQ OMX Global Subscriber Agreement – Version 1.1**.
- Distributors are required to begin offering this version of the subscriber agreement (or the equivalent indemnification version) to new subscribers by January 1st, 2010.
- Distributors are not required to re-administer the NASDAQ OMX Global Subscriber Agreement to any subscriber that has a previous NASDAQ OMX version of such on file.

#### **What is changing?**

Friday, October 2, 2009, NASDAQ OMXSM released the **NASDAQ OMX Global Subscriber Agreement – Version 1.1**, a new version of the Global Subscriber Agreement revised reflecting slightly revised terms for customers. NASDAQ OMX is also posting a **redline version** for review. Most importantly, NASDAQ OMX has revised Appendix 1 to include the accurate information for NASDAQ OMX Commodities AS.

#### **What do I need to do?**

Distributors are required to begin offering this version of the subscriber agreement to their new subscribers by January 1st, 2010. Distributors are not required to re-administer the new version of the agreement to any subscriber that has a previous NASDAQ OMX version of such on file.

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**Is my firm required to wait until January 1, 2010, to begin offering the new version of the Subscriber Agreement?**

No, distributors may begin offering this version of the agreement to their new subscribers on Friday, October 2, 2009.

**Does this change affect data feed recipients?**

No, it is NASDAQ OMX's policy that the NASDAQ OMX Global Subscriber Agreement is administered to all end-user subscriber firms and/or individuals of NASDAQ OMX real-time data on distributor-controlled devices but not to subscribers of data feed services.

**Do distributors need to submit the NASDAQ OMX Global Subscriber Agreement?**

No, as always, distributors should not submit copies of the new subscriber agreement to NASDAQ OMX, but should keep a copy on file at their location.

**As a distributor, is my firm required to offer the exact text of the NASDAQ OMX Global Subscriber Agreement?**

Yes, if your firm offers hard copy, online or incorporation by reference versions to subscribers, your firm must offer the exact text as provided in the NASDAQ OMX Global Subscriber Agreement. To streamline administrations, please review the "Distributor Indemnification" option in the **NASDAQ OMX Global Subscriber Agreement package**.

**Where can I find additional information?**

- For additional product, pricing or policy information and resources, please refer to the **NASDAQ OMX Global Data Products Administration page** on the NASDAQ OMX Trader® website.
- To request a hard-copy version of the Global Subscriber Agreement via mail or fax, to cancel your agreements or to ask a question, please contact the NASDAQ OMX Global Data Products Administration Team at: **DataAdmin@nasdaqomx.com**

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## NASDAQ OMX Nordic Markets update

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### Nordic CCP launch 9th and 19th of October, 2009

As previously communicated, NASDAQ OMX will launch Central Counterparty (CCP) services for the Nordic markets in a two-phased approach. As part of the Soft Launch, three instruments per market will be launched for CCP clearing on NASDAQ OMX Stockholm, Helsinki and Copenhagen CCP submarkets on October 9th, 2009. This will be followed by a Full Launch including the remainder of the in-scope instruments on October 19th.

### Existing orderbooks to be moved to new submarkets

Three new submarkets will be introduced and the existing orderbooks that will be included for mandatory CCP clearing will be moved from the current Copenhagen, Helsinki and Stockholm main equity submarkets to the new CCP submarkets. The new submarkets are now pre-launched in GCF production.

Submarket name	GCF2	GCF2 Source ID	GCF Prod ID	GCF Prod Source ID
OMX CPH Equities CCP	354	183	360	183
OMX HEL Equities CCP	356	181	362	181
OMX STO Equities CCP	352	182	358	182

\* GCF Production ID will be published when available

### Final ISIN list for Soft and Full Launch

The full and final list of ISINs that will be included for CCP clearing as part of the launch is available on the member extranet. This list replaces any previous information communicated regarding the ISINs to be included in the CCP launch. Nevertheless, the scope remains unchanged as: OMXC20 + Large Cap for Denmark, OMXH25 + Large & Mid Cap for Finland and OMXS30 + Large Cap for Sweden. Additionally, ISINs that have been in scope during the Optional Phase but that no longer fit the above criteria will be included in the scope of 19th October. These ISINs are outlined in the final ISIN list as "Additional ISINs".

### Testing

In SAXTST1 and GCF2 the full CCP scope for the October 19th release is now reflected. Please note that to accommodate testing of partials in Copenhagen the Danish CCP ISINs that have been available during the formal CCP End-to-End test periods will remain available in SAXTST1 & GCF2.

The submarkets are now also available in GCF production and in GCF3 but without any orderbooks. The first orderbooks will be added on the first soft launch production date Friday October 9th.

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## Release Schedule

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### 2009

<b>date</b>	<b>product/system</b>
<b>October 9th</b>	<b>CCP submarkets launch in SAXESS &amp; GCF</b> Soft launch of CCP. Test data available in GCF2 for GCF 2.1 and GCF5 for INET
<b>October 19th</b>	<b>Full CCP launch in SAXESS &amp; GCF</b> Full launch of CCP. Test data available in GCF2 for GCF 2.1 and GCF5 for INET
<b>October 26th</b>	<b>GENIUM Consolidated Feed 2.1 – Support for INET Nordic</b> New TIP protocol version 2.1 will be put in production. This GCF release introduces functionality to support the Nordic- and Baltic equity markets when they are migrated to INET on the below listed dates.
<b>November 2nd</b>	<b>New ICS source for fixed income indexes in GENIUM Consolidated Feed</b> New source ICS_FI will be available in GENIUM Consolidated Feed
<b>November 30th</b>	<b>INET Nordic – SAXESS replacement - Baltic and Icelandic markets</b> First equity markets and Icelandic Fixed Income markets will be migrated to INET from SAXESS
<b>December 7th</b>	<b>INET Nordic – SAXESS replacement - Nordic markets</b> The main date for INET migration from SAXESS (Copenhagen, Helsinki and Stockholm exchanges)

### 2010

<b>date</b>	<b>product/system</b>
<b>January 1st</b>	<b>Change in Nordic Fixed Income Level 2 entitlement</b>

## 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	• SACTST1	• CLICK Test • Nord Pool test	• ICS - production data • ICS_iINDEX - 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 data • ICS_iINDEX - production data • ICS_INDEX2 - production data
<b>GCF5</b>	2.1.0	2.1.0	• INET PreProd	• SACTST4	• CLICK Test	• ICS - INET PreProd test systems

- GCF2 – GCF 2.1 with test sources
- GCF3 - GCF 2.1 reflecting October 26th GCF production environment with production sources
- GCF5 – GCF 2.1 with INET Nordics pre production sources reflecting November 30th and December 7th environments

• Please notice that there are scheduled service windows in GCF2 and GCF3 test systems every Thursday between 09:00 and 12:00 CET and in GCF5 test system every Friday 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>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/>

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