Global Data Products





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CURRENT PRODUCTS AND POLICIES

Derivatives

Derivatives Products – Changes to the current Price structure and new product

From January 1st, 2012 NASDAQ OMX Nordic will change the structure of the price list for derivatives and at the same time introduce some new products. The new structure is created to make the derivatives pricing more in line with the rest of the Global Data Products price list. No changes to the price levels.

New price list

Service Level	Distributor Fee (per month)	Subscriber Fee (per month)	Details
Nordic Derivatives Level 1 & 2	Business: € 1,250 ¹	Business Level 2: € 25/	Level 2 includes 5 price levels and Level 1
	Private: €420	Subscriber	includes 1 price level. Includes all NASDAQ
		Private Level 1: € 1/	OMX listed equity derivatives, as well as
		Subscriber	derivatives on indexes.
		Private Level 2: € 5/	
		Subscriber	
Nordic Derivatives TotalView	Business: €1,860¹	Business: € 34 /Sub-	Includes full order depth of the market
	Private: €1,000	scriber	by order and last sale. Covers all NASDAQ
		Private:€ 10/Subscriber	OMX listed equity and index derivatives.
			ITCH format only.
Nordic Derivatives Analytics	Requires Distribu-	Business: € 4/Subscriber	Derivatives Analytics Data: Greeks, theo-
Data	tor License for one	Private: €1/Subscriber	retical prices, implied volatility, key figures.
	real time derivatives		
	market data product		
Nordic Derivatives Direct Access	Business/Private: €	Dependant subscribed	The right to source the distruted derivative
	640 ¹ in addition to	derivative market data	market data entitlement direct via Nordic
	regular distribution	product	Derivatives ITCH or OMNet API.
	license		The Direct Access license requires a regular
			distribution license for the distributed
			derivative market data products.
Internal Distributor –	Internal: € 500	Subscriber Fees based	Right to receive real-time data feed con-
Internal Use Only		on the products re-	taining Level 1, Level 2, TotalView, Fixed
		ceived.	Income, Derivatives and Commodities
			Information for internal distribution only.
Nordic Derivatives Non-Display	Dependant distrib-	€ 1500 when used for	Unlimited number of redundant sessions
	uted product and if	trading under own	of derivatives market data for non-display
	the data is used in-	MPID	purposes. Non-Display Usage is defined as
	ternally or externally	€ 300 all other non-	accessing, processing, or consumption of
		display usage	the Information for a purpose other than
1500/ 1: (6)			in support of its display or distribution.

^{150%} discount for members of OMX Nordic Exchange

Nordic Net Reporting

Distributors may directly report to NASDAQ OMX their internal display usage of Nordic Equity Information. The Nordic Net Reporting program is limited to Nordic Equity Level 1 and Nordic Equity TotalView Business Subscribers.

This Program will only be available to Distributors who have met the criteria for the program and have subsequently been formally approved, in advance and in writing, by NASDAQ OMX.

Please contact your NASDAQ OMX account manager for details on the program and this unit of count.

NEW PRODUCTS

Derivatives

Nordic Derivatives Distributor FilterView

NASDAQ OMX will introduce the option for distributors of derivatives data feed products with less transparency than market by order, full depth of market, to source this from the ultra low latency feed Nordic Derivatives TotalView-ITCH. The new product will make it possible for distributors to offer limited depth equity data feed products with the ultra low latency offered via direct access to the Nordic Derivatives TotalView-ITCH feed. The Nordic Derivatives Distributor FilterView license is based on the number of data feed product recipients per limited depth product and there is a reporting obligation to all distributors offering limited depth data feed products based on the Nordic Derivatives TotalView-ITCH feed.

The feed does not apply to internal distribution or controlled display devices.

Service Level	Number of data feed product recipients with limited depth product - Distributor Fee (per month)	Details
Nordic Derivatives Distributor	0-3: n/a	The right to source externally distributed Nordic Derivative real
FilterView	4-9: € 1,500	time data feed products with less transparency than Nordic
	10-49: € 3,000	Derivative TotalView from the Nordic Derivative TotalView-ITCH
	50-500: € 6,000	feed.
	501-: € 12,000	
		The fee does not apply for internal distribution or external distri-
		bution via controlled display devices.

Nordic Derivatives Derived Data Distribution

NASDAQ OMX Nordic allows for re-distribution of equity and index derivatives derived data via the Nordic Derivatives Derived Data License.

Service Level	Distributor Fee (per month)	Subscriber Fee (per month)	Details
Nordic Derivatives Derived	€600	N/A	The right to utilize NASDAQ OMX Nordic
Data Distribution – new origi-			Derivatives real time price/volume data
nal works Enterprice License			to derive new original works for unlimited
			distribution provided the new original
			works cannot be reverse engineered in any
			way back to the underlying NASDAQ OMX
			Nordic Derivatives market data. 1

¹ Does not include creation of indexes which requires payment of the Nordic Index Calculation License.

MARKET DATA SYSTEMS TECHNICAL FUNCTIONALITY

ICB - Company classification standard

ICB Company classification standard to be introduced on February 1st, 2012

On February 1st, 2012 all NASDAQ OMX local and regional sector indexes included in the Nordic Equity products and VINX products, based on the GICS structure, will be discontinued, and replaced by equivalent indexes based on the ICB structure.

Conflicting short name codes/symbols

There are six (6) indexes that have a conflicting index codes/symbols between the current GICS indexes and the new ICB indexes. A temporary code/symbol will be used during the period of parallel productio between January 9th and February 1st, 2012. It means that a temporary "X" is included in the index code in the production environment for the below indexes. When launched on February 1st, the "X" will no longer be in the index code. Affected indexes are highlighted in yellow in enclosed file.

Code	Name	Source ID	GCF ID	ISIN
CX4530 X GI	OMX Copenhagen Health Care Equipment & Services GI	6171	11256	DK0060374023
CX4530 X PI	OMX Copenhagen Health Care Equipment & Services PI	6239	11392	DK0060384766
HX4530 X GI	OMX Helsinki Health Care Equipment & Services GI	6307	11528	FI4000033667
HX4530 X PI	OMX Helsinki Health Care Equipment & Services PI	6375	11664	FI4000034376
SX4530 X GI OMX Stockholm Health Care Equipment & Services GI		6035	10984	SE0003209899
SX4530 X PI	OMX Stockholm Health Care Equipment & Services PI	6103	11120	SE0001047978

GCF

Please find GCF-ID-codes for the indexes in GCF production environment and GCF 4 in enclosed file. All new indexes are now available in GCF4 test system. The *base date* for the indexes will be adjusted compared to what is available in GCF4 test data. Find correct *base dates* in the same enclosed file.

On **January 9th, 2012** the new indexes will be available in GCF production environment with real-time value updates. There will be parallell dissemination of index updates for all new and old indexes in GCF affected by the migration from GICS to ICB. From January 9th date also the ~10 years of historical data for the new indexes will be available in files.

FDS

The main change in FDS will be that the field GICS will change name to "Industry" and be populated by a 4-digit ICB –code. The old index files based on GICS will be discontinued and new index files based on ICB will be introduced. Test/sample file for morning/evening report can be requested.

Genium Consolidated Feed (GCF)

New way to access historical data in GCF

From December 16th, 2011 the way of accessing historical data older than previous day in Genium Consolidated Feed will be changed. To access historical data for day (t-2) until (t-9) connect to GCF with current GCF production IP, but use port: **29909** to connect to new DDS that holds historical data. No new login credentials needed.

There will be no changes to accessing current day (t) and previous day (t-1) that will be available on the current production DDS port.

The new historical data DDS is ready as from today and will run in parallel with the old solution until December 16th 2011.

	SITE A - IP & Port		SITE B - IP & Port	
	IP Address DDS Port		IP Address	DDS Port
GCF Production history	192.176.3.132	29909	192.176.3.164	29909

Release Schedule

2012

FEBRUARY			
date	date product/system		
February 1st Introduction of ICB standards			

NASDAQ OMX has decided to adopt the ICB (Industry Classification Benchmark) standard globally, effective as of February 1st, 2012. The NASDAQ OMX exchanges in Stockholm, Copenhagen, Helsinki, Reykjavik, Tallinn, Riga, and Vilnius will adopt ICB which is the current standard on the NASDAQ OMX exchanges in the US. **Affected systems:** GCF, FDS, GIW, GIDS

MARCH				
date	date product/system			
March 5th NASDAQ OMX Commodities Genium INET migration				

The go-live date for the NASDAQ OMX Commodities Genium INET migration has been postponed to March 5th, 2012, from the previously announced November 28th, 2011.

Affected systems: GCF, FDS

System environments

Genium Consolidated Feed production environment

GCF Source Systems					
Application version	TIP version	Equities and related	Fixed Income	Derivatives/Commodities	Index
2.4.0	2.4.0	• INET	Genium INET	Genium INET	• ICS
		(ITCH version: 1.86)		Nord Pool	• ICS_INDEX
					• ICS_INDEX2
					• ICS_FI

Genium Consolidated Feed test environments

GCF Environment		ent	Source Systems			
	Ver.	TIP	Equities and related	Fixed Income	Derivatives	Index
GCF2	2.4.0	2.4.0	• INET Production	• Genium INET Prod.	Genium INET	• ICS - test systems
			(ITCH version: 1.86)		Prod.	
					Nord Pool test	
					(CLICK source)	
GCF3	2.4.0	2.4.0	INET Production	• Genium INET test 4	Genium INET	• ICS - production-like data
			(ITCH version: 1.86)		test 4	• ICS_INDEX - prodlike data
					(containing	• ICS_INDEX2 - prodlike data
					Nordpool data for	• ICS_FI - production-like data
					Genium INET)	
GCF4	2.4.0	2.4.0	INET OTF/test	• Genium INET test 3	Genium INET	• ICS - test systems
			(ITCH version: 1.86)		test 3	
					Nord Pool prod	

[•] Service window in **GCF2** test system every Thursday between 09:00 and 12:00 CET.

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
GCF Prod. history	192.176.3.132	29909	192.176.3.164	29909
GCF2	192.176.3.133	29100	192.176.3.165 29100	
GCF3	192.176.3.165	29200	N/A (single site)	
GCF4	192.176.3.133	29300	N/A (single site)	

[•] Service window in **GCF3** test system every Wednesday between 09:00 and 14:00 CET. During the service windows the GCF test systems may be inaccessible.

GLOBAL DATA PRODUCTS

NASDAQ OMX Nordic Market Data news subscription

Nordic subscription service for Market Data

The subscription service for NASDAQ OMX Nordic now also offers the possibility to subscribe for Nordic and Baltic Market Data information. The distribution of Global Data Products Nordic weekly newsletter to the *Genium Consolidated Feed Technical Contacts list* is migrated to this **subscription service** and to continue to receive this newsletter you will have to sign-up and select the market data information on categories: Market Data and IT-information.

Information from Global Data Products Nordic is now distributed to subscribers via the online subscription tools on NASDAO OMX Nordic and U.S Trader web sites.

• Market Data - Product Information

Information about Nordic and Baltic Market Data products and product setup

• Global Data Products - Nordic Weekly Newsletter

Consolidated Nordic and Baltic market data news

• IT Information - Market Data

Technical information regarding market data systems.

• System Disturbances

Information about system disturbances on NASDAQ OMX Nordic and Baltic trading and market data systems.

Subscription to Nordic Global Data Products Newsletter and Nordic market data information:

http://www.nasdagomxnordic.com/News/marketnotices/Subscribe

Global Data Products Nordic Weekly Newsletters are also available **here**:

http://nordic.nasdaqomxtrader.com/marketdata/news/

Contact Information

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

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

Subscription to Nordic Global Data Products Newsletter and Nordic market data information:

http://www.nasdagomxnordic.com/News/marketnotices/Subscribe

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