

NOTICE

"NASDAQ OMX Nordic is broadening its Norwegian offering"

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October 4 2012

#20

HIGHLIGHT

"Next release of Genium Consolidated Feed with TIP 2.4.4 on November 26, 2012"

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NASDAQ OMX NORDIC AND BALTIC MARKETS UPDATE

Nordic Equities

NASDAQ OMX Nordic is broadening its Norwegian offering

As a first step, NASDAQ OMX Stockholm AB has admitted the remaining Norwegian shares listed on Oslo Børs and Oslo Axess to trading on First North Stockholm as of October 1, 2012. Trading of these shares is arranged on segment First North NOK.

As a second step, new order routing strategy “PDLE” will be launched in INET Nordic Production on October 15, 2012. The “PDLE” routing strategy enables access to Oslo Børs opening and closing auctions as well as posting of orders on Oslo Børs.

The “PDLE” routing strategy is the latest addition to Nordic Order Routing service, designed to be a cost-efficient and an easy access solution available through NASDAQ OMX Nordic members’ existing connectivity. The Nordic Order Routing service is integrated with the INET Nordic core matching engine in Stockholm and is available by application to NASDAQ OMX Nordic members. Members that already have NASDAQ OMX Nordic Smart Order Routing agreement with NASDAQ OMX Nordic do not need to apply separately for “PDLE” strategy.

“PDLE” strategy highlights

- Enables participation in opening, closing and intra-day auctions at Oslo Børs via INET Nordic in all Norwegian shares;
- Enables posting of Limit priced Day and Good-till-Cancelled orders at Oslo Børs for continuous trading (First North Stockholm Norwegian shares only);
- A corresponding NASDAQ OMX Nordic on-exchange trade will be automatically created between the member and the Introducing Broker used by NASDAQ OMX Nordic to mirror the trade on Oslo Børs. Members see this trade as any other on-exchange trade;
- Executed trades will be CCP cleared by EMCF, European Multilateral Clearing Facility.

The “PDLE” strategy applies only for instruments traded on market segments:

| MIC | Segment name |
|------|----------------------|
| XSTO | OMX STO Equities NOK |
| FNSE | First North NOK |

Change in trading day schedule

As of October 15, 2012, above segments’ trading day schedule will be changed: both Opening and Closing auction sessions will be removed; Continuous trading will be available from 9:00 CET to 17:30 CET.

MARKET DATA SYSTEMS TECHNICAL FUNCTIONALITY

Genium Consolidated Feed (GCF)

Next release of Genium Consolidated Feed with TIP 2.4.4 on November 26, 2012

The next release of Genium Consolidated Feed version 2.4.4 will be in GCF production environment on November 26, 2012.

The changes are mainly related to corrections, added and removed basic data fields. For detailed information, please see revision history in the TIP specification.

Also please note the following change in TIP version 2.4.4:

IdCode field content in *AfeedUnitrustCertificate* and *AfeedReportingOfUnitTrust* messages will change to be the same as UTC's from INET (source 8).

The source id for UTC's from Afeed in the EndOfBasicData messages will change from source 4 to source 10.

The Name and Shortname fields in *AfeedUnitrustCertificate* will change content to be the same as in BasicdataTradable.

The CompanyKey, UnitTrustListingCode, ProductionDate and InfoCreatedTime fields in *AfeedUnitTrustCertificate* will no longer be populated.

The AfeedlatestReportedNAVpreviousDays and *AfeedUTCDividendInfo* messages will no longer be disseminated.

In INs will Bid/Ask only be included in the end-of-day messages.

Final version of TIP 2.4.4 document is available on Genium Consolidated feed web page:

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

GCF2 and GCF4 test systems are available for testing with version 2.4.4.

Disturbance testing in INET OTF/GCF4/GCF2, October 10 18:00 - 22:00 CET

During the evening of Wednesday October 10, NASDAQ OMX Stockholm will perform internal failover and recovery tests in INET Nordic Test System (OTF). The system will still be open for testing by customers, but please be aware that there will be outages and market halts in the system due to the testing. GCF2 and GCF4 are connected to INET Nordic Test System (OTF) and will therefore be impacted of the test activity.

Release Schedule

2012

| NOVEMBER | |
|--|------------------------------------|
| date | product/system |
| November 26 | Genium Consolidated Feed TIP 2.4.4 |
| <p>The next release of Genium Consolidated Feed version 2.4.4 will be in GCF production environment on November 26, 2012.</p> <p>The changes are mainly related to corrections, added and removed basic data fields. For detailed information, please see revision history in the TIP specification.</p> <p>Final version of TIP 2.4.4 document is available on Genium Consolidated feed web page: http://nordic.nasdaqomxtrader.com/marketdata/datafeeds/geniumconsolidatedfeed/</p> <p>A TIP specification document describing the changes in version 2.4.4 is also available on Genium Consolidated Feed web page.</p> <p>GCF2 and GCF4 test systems are now upgraded to TIP version 2.4.4.</p> <p>Affected systems: GCF, FDS</p> | |

System environments

Genium Consolidated Feed production environment

| GCF | | Source Systems | | | |
|---------------------|-------------|--------------------------------|---------------|-------------------------|--|
| Application version | TIP version | Equities and related | Fixed Income | Derivatives/Commodities | Index |
| 2.4.2 | 2.4.2 | • INET (ITCH version: 1.86) | • Genium INET | • Genium INET | • ICS • ICS_INDEX • ICS_INDEX2 • ICS_FI |

Genium Consolidated Feed test environments

| GCF-Environment | | Source Systems | | |
|-----------------|-------|--|--|---|
| | TIP | Equities and related | Fixed Income/ Derivatives/ Commodities | Index |
| GCF1 | 2.4.2 | • INET Production (ITCH version: 1.86) | • Genium INET Production | • ICS - prod.-like data • ICS_INDEX - prod.-like data • ICS_INDEX2 - prod.-like data • ICS_FI - prod-like data |
| GCF2 | 2.4.4 | • INET OTF/test (ITCH version: 1.86) | • Genium INET test 2 | • ICS - test systems |
| GCF3 | 2.4.2 | • INET Production (ITCH version: 1.86) | • Genium INET test 1 | • ICS - prod.-like data • ICS_INDEX - prod.-like data • ICS_INDEX2 - prod.-like data • ICS_FI - prod-like data |
| GCF4 | 2.4.4 | • INET OTF/test (ITCH version: 1.86) | • Genium INET test 3 | • ICS - test systems |

- The GCF4 environment is available during weekends to provide data only from INET OTF

During the service windows the GCF test systems may be inaccessible.

- Service window in GCF1 test system every Thursday between 00:00 and 12:00 CET.
- Service window in GCF2 test system every Wednesday between 00:00 and 12:00 CET.
- Service window in GCF3 test system every Tuesday between 00:00 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 |
| GCF1 | 192.176.3.133 | 29000 | 192.176.3.165 | 29000 |
| 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) | |

GLOBAL DATA PRODUCTS

NASDAQ OMX Nordic Market Data news subscription

Nordic subscription service for Market Data

The subscription service for NASDAQ OMX Nordic offers the possibility to subscribe for Nordic and Baltic Market Data information. To receive this newsletter and other notifications, sign-up and select the market data information related to categories: Market Data and IT-information.

- **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.nasdaqomxnordic.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/>

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