

SUGGESTED USAGE REPORTING CODES FOR NASDAQ US, EUROPEAN & CANADIAN MARKETS.

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All codes are assumed to be Real Time unless specifically identified.

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NASDAQ US

BOND TRADE DISSEMINATION SERVICE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| FEEDBTDS | DATAFEED: BTDS Feed-Bond Trade Dissemination Service | NO |

BX EQUITIES

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| FEEDBXB | DATAFEED: BX BASIC | NO |
| FEEDXBBO | DATAFEED: BX BBO | NO |
| FEEDBxls | DATAFEED: BX Last Sale | NO |
| FEEDBXMV | DATAFEED: BX MatchView | NO |
| FEEDBXTV | DATAFEED: BX TotalView | NO |
| FEEDBxGL | DATAFEED: BX TotalView Glimpse | NO |
| 995746INT | BX TotalView Display Subscriber Fee - Internal | YES |
| 995746EXT | BX TotalView Display Subscriber Fee - External | YES |
| 928385 | BX TotalView Managed Data Solutions Subscriber Fee | YES |
| 908610 | BX TotalView Non-Display Direct Access | YES |
| 910316 | BX TotalView Non-Professional Subscriber Fee | YES |
| BXTVEDSPRO | BX TotalView EDS - Professional | YES |
| BXTVEDSNP | BX TotalView EDS – Non-Professional | YES |
| BXBASICEDSTAPRO | BX Basic EDS Tape A Professional | YES |
| BXBASICEDSTBPRO | BX Basic EDS Tape B Professional | YES |
| BXBASICEDSTCPRO | BX Basic EDS Tape C Professional | YES |
| BXBASICEDSTANP | BX Basic EDS Tape A Non-Professional | YES |
| BXBASICEDSTBNP | BX Basic EDS Tape B Non-Professional | YES |
| BXBASICEDSTCNP | BX Basic EDS Tape C Non-Professional | YES |

BX EXTRANET

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| 994541 | Category 2 BX/BX Options Direct Connection | YES |
| 961361 | Category 2 BX/BX Options Extranet Connection | YES |

BX OPTIONS

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDBXOPT | DATAFEED: BX Options | NO |
| FEEDBXODOM | DATAFEED: BX Options Depth of Market | NO |
| FEEDBXOTOP | DATAFEED: BX Options Top of Market | NO |
| 946564INT | BX Options Depth of Market Professional Subscriber Fee - Internal | YES |
| 946564EXT | BX Options Depth of Market Professional Subscriber Fee - External | YES |
| 946570INT | BX Options Top of Market Professional Subscriber Fee - Internal | YES |
| 946570EXT | BX Options Top of Market Professional Subscriber Fee - External | YES |

All codes are assumed to be Real Time unless specifically identified.

GIDS – GLOBAL INDEX DATA SERVICE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDGIDS | DATAFEED: Global Index Service (GIDS) | NO |
| FEEDGIDSY | DATAFEED: Global Index Service (GIDS) Delayed | NO |

GLOBAL ACCESS INTERACTIVE DATA

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|----------------------------------|---------------------------|
| 929103 | IDC Global Access ETF Count | YES |
| 929102 | IDC Global Access Index Count | YES |

INFO EXTRANET

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| 994539 | Category 3 Non-Exchange Direct Connection | YES |
| 973978 | Category 3 Non-Exchange Extranet Connection | YES |

MARKET REPLAY

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| 902759 | NASDAQ Market Replay Professional Subscriber Fee | YES |

NASDAQ BASIC

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDBASICY | DATAFEED: NASDAQ BASIC DELAYED | NO |
| FEEDQBBO | DATAFEED: NASDAQ Best Bid and Offer | NO |
| FEEDBBO | DATAFEED: NASDAQ BASIC BBO | NO |
| FEEDBASICNLS | DATAFEED: NASDAQ BASIC with NLS | NO |
| FEEDBASICNLS | DATAFEED: NASDAQ BASIC with NLS Plus | NO |
| 907205 | NASDAQ BASIC for NYSE (Tape A) Non-Professional Subscriber Fee | YES |
| 907206 | NASDAQ BASIC for NYSE (Tape A) Per Query Fee | YES |
| 907204INT | NASDAQ BASIC For NYSE (Tape A) Professional Subscriber Fee - Internal | YES |
| 907204EXT | NASDAQ BASIC For NYSE (Tape A) Professional Subscriber Fee - External | YES |
| 907209 | NASDAQ BASIC for NYSE Alternext (Tape B) Per Query Fee | YES |
| 907208 | NASDAQ BASIC for NYSE MKT (Tape B) Non-Professional Subscriber Fee | YES |
| 907207INT | NASDAQ BASIC For NYSE MKT (Tape B) Professional Subscriber Fee - Internal | YES |
| 907207EXT | NASDAQ BASIC For NYSE MKT (Tape B) Professional Subscriber Fee - External | YES |
| 907202 | NASDAQ BASIC Non-Professional Subscriber Fee | YES |
| 907203 | NASDAQ BASIC Per Query Fee | YES |
| 907201INT | NASDAQ BASIC Professional Subscriber Fee - Internal | YES |
| 907201EXT | NASDAQ BASIC Professional Subscriber Fee - External | YES |
| 990520 | NASDAQ BASIC-Derived Hosted Display Fee | YES |
| NASBASICEDSTAPRO | Nasdaq Basic EDS Tape A Professional | YES |
| NASBASICEDSTBPRO | Nasdaq Basic EDS Tape B Professional | YES |
| NASBASICEDSTCPRO | Nasdaq Basic EDS Tape C Professional | YES |
| NASBASICEDSTANP | Nasdaq Basic EDS Tape A Non-Professional | YES |
| NASBASICEDSTBNP | Nasdaq Basic EDS Tape B Non-Professional | YES |
| NASBASICEDSTCNP | Nasdaq Basic EDS Tape C Non-Professional | YES |
| 1003836 | Nasdaq Basic Enterprise License Tape A Professional Subscriber Fee | YES |
| 1003837 | Nasdaq Basic Enterprise License Tape B Professional Subscriber Fee | YES |
| 1003838 | Nasdaq Basic Enterprise License Tape C Professional Subscriber Fee | YES |
| 1004202INT | Nasdaq Basic All Tapes Professional Subscriber Fee - Internal | YES |
| 1004202EXT | Nasdaq Basic All Tapes Professional Subscriber Fee - External | YES |

All codes are assumed to be Real Time unless specifically identified.

| | | |
|---------|--|-----|
| 1004199 | Nasdaq Basic Enterprise License All Tapes Internal Professional Subscriber Fee | YES |
| 1004200 | Nasdaq Basic All Tapes Non-Professional Subscriber Fee | YES |

NASDAQ EXTRANET

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| 994540 | Category 1 NASDAQ/NOM Direct Connection | YES |
| 900377 | Category 1 NASDAQ/NOM Extranet Connection | YES |

NASDAQ FILTERVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|----------------------------------|---------------------------|
| FEEDNOIS | DATAFEED: NOIS | NO |
| FEEDNOIV | DATAFEED: NOView | NO |

NASDAQ GEMX

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDGEMXDEPTHMKT | DATAFEED: NASDAQ GEMX Depth of Market | NO |
| FEEDGEMXORDER | DATAFEED: NASDAQ GEMX Order | NO |
| FEEDGEMXSPREAD | DATAFEED: NASDAQ GEMX Spread | NO |
| FEEDGEMXTOPQUOTE | DATAFEED: NASDAQ GEMX Top Quote | NO |
| FEEDGEMXTRADE | DATAFEED: NASDAQ GEMX Trade | NO |
| 994461 | GEMX Depth of Market - Non-Professional External User | YES |
| 994460 | GEMX Depth of Market - Professional External User | YES |
| 994459 | GEMX Depth of Market - Professional Internal User | YES |
| 994456INT | GEMX Order Feed - Professional User Fee - Internal | YES |
| 994456EXT | GEMX Order Feed - Professional User Fee - External | YES |
| 994458 | GEMX Top Quote Feed - Professional External User | YES |
| 994457 | GEMX Top Quote Feed - Professional Internal User | YES |

NASDAQ ISE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| FEEDISEDEPTHMKT | DATAFEED: NASDAQ ISE Depth of Market | NO |
| FEEDISEORDER | DATAFEED: NASDAQ ISE Order | NO |
| FEEDISESPREAD | DATAFEED: NASDAQ ISE Spread | NO |
| FEEDISETOPQUOTE | DATAFEED: NASDAQ ISE Top Quote | NO |
| FEEDISETRADE | DATAFEED: NASDAQ ISE Trade | NO |
| 994451 | ISE Order Feed - External Professional User | YES |
| 994450 | ISE Select Data Feed User Fee | YES |
| 994455 | ISE Spread Feed - Professional External User | YES |
| 994454 | ISE Spread Feed - Professional Internal User | YES |
| 994453 | ISE Top Quote Feed - External Professional Fee | YES |
| 994452 | ISE Top Quote Feed - Internal Professional Fee | YES |
| 994438 | Real-time Depth of Market - Non-Professional External | YES |
| 994437 | Real-time Depth of Market - Professional External User | YES |
| 994436 | Real-time Depth of Market Internal User | YES |

NASDAQ LAST SALE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| 903860 | NASDAQ Last Sale (NLS) Individual Non Professional Subscriber | YES |
| 903864 | NASDAQ Last Sale (NLS) Listed Individual Non Pro Subscriber | YES |
| 903866 | NASDAQ Last Sale (NLS) Listed Per Device | YES |
| 903865 | NASDAQ Last Sale (NLS) Listed Per Query | YES |

All codes are assumed to be Real Time unless specifically identified.

| | | |
|-----------|---|-----|
| 903862 | NASDAQ Last Sale (NLS) Per Devices | YES |
| 903861 | NASDAQ Last Sale (NLS) Per Query | YES |
| 998647INT | Nasdaq Last Sale (NLS) for Nasdaq - Specialized Use Subscriber - Internal | YES |
| 998647EXT | Nasdaq Last Sale (NLS) for Nasdaq - Specialized Use Subscriber - External | YES |
| FEEDNLS | DATAFEED: NASDAQ Last Sale | NO |
| FEEDNLS | DATAFEED: NASDAQ Last Sale (NLS) Plus | NO |

NASDAQ LEVEL 2

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDL2 | DATAFEED: NASDAQ Level 2 | NO |
| FEEDL2Y | DATAFEED: NASDAQ Level 2 Delayed | NO |
| FEEDL2OV | DATAFEED: NASDAQ Level 2 w/ OpenView | NO |
| FEEDL2OVY | DATAFEED: NASDAQ Level 2 w/ OpenView Delayed | NO |
| FEEDMAX | DATAFEED: NASDAQ Market Analytix | NO |
| 902129INT | NASDAQ Level 2 Only Professional - Internal | YES |
| 902129EXT | NASDAQ Level 2 Only Professional - External | YES |
| 100174 | NASDAQ Level 2-Openview BASIC Bundled Non-Professional | YES |
| 100173INT | NASDAQ Level 2-OpenView BASIC Bundled Professional - Internal | YES |
| 100173EXT | NASDAQ Level 2-OpenView BASIC Bundled Professional - External | YES |

NASDAQ MATCHVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|----------------------------------|---------------------------|
| FEEDMV | DATAFEED: NASDAQ MatchView | NO |

NASDAQ MRX

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--------------------------------------|---------------------------|
| FEEDMRXDEPTHMKT | DATAFEED: NASDAQ MRX Depth of Market | NO |
| FEEDMRXORDER | DATAFEED: NASDAQ MRX Order | NO |
| FEEDMRXSPREAD | DATAFEED: NASDAQ MRX Spread | NO |
| FEEDMRXTOPQUOTE | DATAFEED: NASDAQ MRX Top Quote | NO |
| FEEDMRXTRADE | DATAFEED: NASDAQ MRX Trade | NO |

NASDAQ OPENVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| 901468 | NASDAQ OpenView BASIC Non-Professional | YES |
| 901467INT | NASDAQ OpenView BASIC Professional - Internal | YES |
| 901467EXT | NASDAQ OpenView BASIC Professional - External | YES |

NASDAQ REFERENCE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|----------------------------------|---------------------------|
| FEEDSHINT | DATAFEED: Short Interest | NO |
| 900069 | NASDAQ Fundamental Data | YES |

NASDAQ TOTALVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDTV | DATAFEED: NASDAQ TotalView | NO |
| FEEDFPGA | DATAFEED: NASDAQ TotalView FPGA | NO |
| FEEDTVGL | DATAFEED: NASDAQ TotalView Glimpse | NO |
| FEEDDEPTHEDS | DATAFEED: NASDAQ Depth View EDS | NO |
| 924062 | NASDAQ Depth EDS Level 2 Only Non-Professional | YES |
| 924063INT | NASDAQ Depth EDS Level 2 Only Professional - Internal | YES |
| 924063EXT | NASDAQ Depth EDS Level 2 Only Professional - External | YES |

All codes are assumed to be Real Time unless specifically identified.

| | | |
|-----------|--|-----|
| 923842 | NASDAQ Depth EDS Level 2-OpenView Bundled Non-Professional | YES |
| 923843INT | NASDAQ Depth EDS Level 2-OpenView Bundled Professional - Internal | YES |
| 923843EXT | NASDAQ Depth EDS Level 2-OpenView Bundled Professional - External | YES |
| 923840 | NASDAQ Depth EDS TotalView-OpenView Bundled Non-Professional | YES |
| 923841INT | NASDAQ Depth EDS TotalView-OpenView Bundled Professional - Internal | YES |
| 923841EXT | NASDAQ Depth EDS TotalView-OpenView Bundled Professional - External | YES |
| 923651 | NASDAQ Depth Enhanced Display Solution | YES |
| 973935 | NASDAQ Depth Non-Display Trading Platform Fee | YES |
| 923751 | NASDAQ Depth Tiered Non Display Direct Access | YES |
| 995327 | NASDAQ TotalView EDS Non-Professional | YES |
| 995326INT | NASDAQ TotalView EDS Professional - Internal | YES |
| 995326EXT | NASDAQ TotalView EDS Professional - External | YES |
| 924488INT | NASDAQ TotalView Managed Data Solutions FPGA Subscriber Fee - Internal | YES |
| 924488EXT | NASDAQ TotalView Managed Data Solutions FPGA Subscriber Fee - External | YES |
| 919723 | NASDAQ TotalView Managed Data Solutions Non-Professional Subscriber Fee | YES |
| 919722INT | NASDAQ TotalView Managed Data Solutions Professional Subscriber Fee - Internal | YES |
| 919722EXT | NASDAQ TotalView Managed Data Solutions Professional Subscriber Fee - External | YES |
| 995325 | NASDAQ TotalView Non-Professional | YES |
| 902128 | NASDAQ TotalView Only Non-Professional | YES |
| 902127INT | NASDAQ TotalView Only Professional - Internal | YES |
| 902127EXT | NASDAQ TotalView Only Professional - External | YES |
| 900005 | NASDAQ TotalView OpenView Bundled Non-Professional | YES |
| 995324INT | NASDAQ TotalView Professional - Internal | YES |
| 995324EXT | NASDAQ TotalView Professional - External | YES |
| 900007INT | NASDAQ TotalView-OpenView Bundled Professional - Internal | YES |
| 900007EXT | NASDAQ TotalView-OpenView Bundled Professional - External | YES |

NFN DATA SERVICE

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDNFN | DATAFEED: NASDAQ Fund Network (NFN) Real time | NO |
| FEEDNFND | DATAFEED: NASDAQ Fund Network (NFN) Delayed | NO |
| 919938 | NFN Data Service - Hosted Delayed Firm | YES |
| 919939 | NFN Data Service - Hosted Real Time Firm | YES |

NOM

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| 974175 | NASDAQ Options Market Non-Professional Subscriber Fee | YES |
| 973977INT | NASDAQ Options Market Professional Subscriber Fee - Internal | YES |
| 973977EXT | NASDAQ Options Market Professional Subscriber Fee - External | YES |

NOM BOND

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--------------------------------------|---------------------------|
| FEEDBONO | DATAFEED: NASDAQ Options Market BONO | NO |

NOM ITTO

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| FEEDITTO | DATAFEED: NASDAQ Options Market ITTO | NO |
| 961450 | NASDAQ Options Market ITTO Managed Data Solutions Subscriber Fee | YES |

All codes are assumed to be Real Time unless specifically identified.

PHLX OPTIONS

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDPHLXDO | DATAFEED: PHLX Depth of Market | NO |
| FEEDPHLXOP | DATAFEED: PHLX Options | NO |
| FEEDPHLX | DATAFEED: PHLX Orders | NO |
| FEEDPHLXTOP | DATAFEED: Top of PHLX Options (TOPO) | NO |
| 927025INT | PHLX Professional Subscriber Fee - Internal | YES |
| 927025EXT | PHLX Professional Subscriber Fee - External | YES |
| 924492INT | Top of PHLX Options (TOPO) Managed Data Solutions Subscriber Fee - Internal | YES |
| 924492EXT | Top of PHLX Options (TOPO) Managed Data Solutions Subscriber Fee - External | YES |

PSX BASIC

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---------------------------------------|---------------------------|
| FEEDPSXB | DATAFEED: PSX BASIC | NO |
| FEEDPSXBBO | DATAFEED: PSX BBO | NO |
| FEEDPSXLS | DATAFEED: PSX Last Sale | NO |
| PSXBASICEDSTAPRO | PSX Basic EDS Tape A Professional | YES |
| PSXBASICEDSTBPRO | PSX Basic EDS Tape B Professional | YES |
| PSXBASICEDSTCPRO | PSX Basic EDS Tape C Professional | YES |
| PSXBASICEDSTANP | PSX Basic EDS Tape A Non-Professional | YES |
| PSXBASICEDSTBNP | PSX Basic EDS Tape B Non-Professional | YES |
| PSXBASICEDSTCNP | PSX Basic EDS Tape C Non-Professional | YES |

PSX MATCHVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|----------------------------------|---------------------------|
| FEEDPSXMV | DATAFEED: PSX MatchView | NO |

PSX PHLX EXTRANET

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| 994542 | Category 4 PSX/PHLX Direct Connection | YES |
| 973979 | Category 4 PSX/PHLX Extranet Connection | YES |

PSX TOTALVIEW

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|--|---------------------------|
| FEEDPSXTV | DATAFEED: PSX TotalView | NO |
| FEEDPSXGL | DATAFEED: PSX TotalView Glimpse | NO |
| 995748INT | PSX TotalView Display Subscriber Fee - Internal | YES |
| 995748EXT | PSX TotalView Display Subscriber Fee - External | YES |
| 928389INT | PSX TotalView Managed Data Solutions Subscriber Fee - Internal | YES |
| 928389EXT | PSX TotalView Managed Data Solutions Subscriber Fee - External | YES |
| 922916 | PSX TotalView Non-Display Direct Access | YES |
| PSXTVEDSPRO | PSX TotalView EDS - Professional | YES |
| PSXTVEDSNP | PSX TotalView EDS - Non-Professional | YES |

All codes are assumed to be Real Time unless specifically identified.

NASDAQ CANADA

NASDAQ CXC

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDCXCL1 | DATAFEED: CXC Level 1 | NO |
| FEEDCXCL2 | DATAFEED: CXC Level 2 | NO |
| FEEDCXCL1L2 | DATAFEED: CXC Level 1 & 2 | NO |
| FEEDCXBASICL1 | DATAFEED: Nasdaq Basic Canada (CXC, CX2, CXD Level 1) | NO |
| FEEDNCLS | DATAFEED: Nasdaq Canada Last Sale | NO |
| FEEDCHIXMD | DATAFEED: CXC CHIXMD (Unicast) | NO |
| FEEDCHIXMMD | DATAFEED: CXC CHIXMMD (Multicast) | NO |
| CXCORDERENTRY | CXC Order Entry | NO |
| CXCDROPCOPY | CXC Drop Copy | NO |
| 1000792 | Nasdaq Basic Canada (CXC, CX2, CXD) – Level 1 Non-Professional Subscriber Fee | YES |
| 1000793 | Nasdaq Basic Canada (CXC, CX2, CXD) – Level 1 Per Query Fee | YES |
| 1000791 | Nasdaq Basic Canada (CXC, CX2, CXD) – Level 1 Professional Subscriber Fee | YES |
| 1000683 | CXC Controlled Access - Level 1 CSE Listed Non-Professionals | YES |
| 1000684 | CXC Controlled Access - Level 1 CSE Listed Per Query | YES |
| 1000682 | CXC Controlled Access - Level 1 CSE Listed Professionals | YES |
| 994573 | CXC Controlled Access - Level 1 TSX Listed Non-Professionals | YES |
| 994564 | CXC Controlled Access - Level 1 TSX Listed Per Query | YES |
| 994609 | CXC Controlled Access - Level 1 TSX Listed Professionals | YES |
| 994583 | CXC Controlled Access - Level 1 TSXV Listed Non-Professionals | YES |
| 994574 | CXC Controlled Access - Level 1 TSXV Listed Per Query | YES |
| 994565 | CXC Controlled Access - Level 1 TSXV Listed Professionals | YES |
| 1000686 | CXC Controlled Access - Level 2 CSE Listed Non-Professionals | YES |
| 1000687 | CXC Controlled Access - Level 2 CSE Listed Per Query | YES |
| 1000685 | CXC Controlled Access - Level 2 CSE Listed Professionals | YES |
| 994632 | CXC Controlled Access - Level 2 TSX Listed Non-Professionals | YES |
| 994566 | CXC Controlled Access - Level 2 TSX Listed Per Query | YES |
| 994620 | CXC Controlled Access - Level 2 TSX Listed Professionals | YES |
| 994603 | CXC Controlled Access - Level 2 TSXV Listed Non-Professionals | YES |
| 994634 | CXC Controlled Access - Level 2 TSXV Listed Per Query | YES |
| 994611 | CXC Controlled Access - Level 2 TSXV Listed Professionals | YES |

NASDAQ CX2

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|---|---------------------------|
| FEEDCX2L1 | DATAFEED: CX2 Level 1 | NO |
| FEEDCX2L2 | DATAFEED: CX2 Level 2 | NO |
| FEEDCX2L1L2 | DATAFEED: CX2 Level 1 & 2 | NO |
| FEEDCHIX2MD | DATAFEED: CX2 CHIXMD (Unicast) | NO |
| FEEDCHIX2MMD | DATAFEED: CX2 CHIXMMD (Multicast) | NO |
| 994589 | CX2 Controlled Access - Level 1 TSX Listed Professionals | YES |
| 994599 | CX2 Controlled Access - Level 1 TSXV Listed Non-Professionals | YES |

All codes are assumed to be Real Time unless specifically identified.

| | | |
|---------|---|-----|
| 994600 | CX2 Controlled Access - Level 1 TSXV Listed Per Query | YES |
| 994581 | CX2 Controlled Access - Level 1 TSXV Listed Professionals | YES |
| 994601 | CX2 Controlled Access - Level 2 TSX Listed Non-Professionals | YES |
| 994628 | CX2 Controlled Access - Level 2 TSX Listed Per Query | YES |
| 994572 | CX2 Controlled Access - Level 2 TSX Listed Professionals | YES |
| 994590 | CX2 Controlled Access - Level 2 TSXV Listed Non-Professionals | YES |
| 994619 | CX2 Controlled Access - Level 2 TSXV Listed Per Query | YES |
| 994629 | CX2 Controlled Access - Level 2 TSXV Listed Professionals | YES |
| 1000689 | CX2 Controlled Access - Level 1 CSE Listed Non-Professionals | YES |
| 1000690 | CX2 Controlled Access - Level 1 CSE Listed Per Query | YES |
| 1000688 | CX2 Controlled Access - Level 1 CSE Listed Professionals | YES |
| 1000692 | CX2 Controlled Access - Level 2 CSE Listed Non-Professionals | YES |
| 1000693 | CX2 Controlled Access - Level 2 CSE Listed Per Query | YES |
| 1000691 | CX2 Controlled Access - Level 2 CSE Listed Professionals | YES |

NASDAQ CXD

| Exchange Product Code | Exchange Product Code Definition | Report Title ID Required? |
|-----------------------|-----------------------------------|---------------------------|
| FEEDCXDL1 | DATAFEED: CXD Level 1 | NO |
| FEEDCXDL2 | DATAFEED: CXD Level 2 | NO |
| FEEDXDCHIXMD | DATAFEED: CXD CHIXMD (Unicast) | NO |
| FEEDXDCHIXMMD | DATAFEED: CXD CHIXMMD (Multicast) | NO |

All codes are assumed to be Real Time unless specifically identified.

NASDAQ EUROPEAN

NASDAQ NORDIC EQUITY

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 907248 | Nordic Equity Level 1 External Professional Subscriber | YES |
| 907249 | Nordic Equity Level 2 External Professional Subscriber | YES |
| 907250 | Nordic Equity TotalView External Professional Subscriber | YES |
| 908266 | Nordic Equity Last Sale Per Query | YES |
| 908267 | Nordic Equity Last Sale Television | YES |
| 908268 | Nordic Equity Last Sale Non-Professional Subscriber | YES |
| 919004 | Nordic & Baltic Equity Last Sale Professional Subscriber | YES |
| 919005 | Nordic Equity TotalView Non-Professional Subscriber | YES |
| 923390 | Nordic Equity TotalView Filtered Datafeed Distributor | YES |
| 961401 | Nordic Equity End of Day Redistribution | YES |
| 995682 | Nordic Equity Level 1 Pre-trade Subscriber | YES |
| 995683 | Nordic Equity Level 2 Pre-trade Subscriber | YES |
| 995684 | Nordic Equity TotalView Pre-trade Subscriber | YES |
| 995707 | Nordic Equity Post-trade Subscriber | YES |
| 989840 | Nordic & Baltic Equity Historical Order Data Redistribution | YES |
| 907248DF | DATAFEED: Nordic Equity Level 1 External Professional Subscriber | NO |
| 907249DF | DATAFEED: Nordic Equity Level 2 External Professional Subscriber | NO |
| 907250DF | DATAFEED: Nordic Equity TotalView External Professional Subscriber | NO |
| 919004DF | DATAFEED: Nordic & Baltic Equity Last Sale Professional Subscriber | YES |
| 995682DF | DATAFEED: Nordic Equity Level 1 Pre-trade Subscriber | NO |
| 995683DF | DATAFEED: Nordic Equity Level 2 Pre-trade Subscriber | NO |
| 995684DF | DATAFEED: Nordic Equity TotalView Pre-trade Subscriber | NO |
| 995707DF | DATAFEED: Nordic Equity Post-trade Subscriber | NO |

NASDAQ NORDIC EQUITY DERIVATIVES

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 907252 | Nordic Equity Derivatives Level 2 External Professional Subscriber | YES |
| 907255 | Nordic Equity Derivatives Level 1 Non-Professional Subscriber | YES |
| 907256 | Nordic Equity Derivatives Level 2 Non-Professional Subscriber | YES |
| 923336 | Nordic Equity Derivatives TotalView External Professional Subscriber | YES |
| 923337 | Nordic Equity Derivatives TotalView Non-Professional Subscriber | YES |
| 1003474 | Nordic Equity Derivatives End of Day Redistribution | YES |
| 995708 | Nordic Equity Derivatives Pre-trade Level 2 Subscriber | YES |
| 995709 | Nordic Equity Derivatives Post-trade Subscriber | YES |
| 1003356 | Nordic Equity Derivatives Historical Order Data Redistribution | YES |
| 907252DF | DATAFEED: Nordic Equity Derivatives Level 2 External Professional Subscriber | NO |
| 923336DF | DATAFEED: Nordic Equity Derivatives TotalView External Professional Subscriber | NO |
| 995708DF | DATAFEED: Nordic Equity Derivatives Pre-trade Level 2 Subscriber | NO |
| 995709DF | DATAFEED: Nordic Equity Derivatives Post-trade Subscriber | NO |

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NASDAQ COMMODITIES

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 908250 | Commodities Level 2 External Professional Subscriber | YES |
| 923838 | Commodities TotalView External Professional Subscriber | YES |
| 924707 | Commodities TotalView Non-Professional Subscriber | YES |
| 924708 | Commodities Level 2 Non-Professional Subscriber | YES |
| 995721 | Nasdaq Commodities Pre-trade Level 2 Subscriber | YES |
| 995722 | Nasdaq Commodities Pre-trade TotalView Subscriber | YES |
| 995723 | Nasdaq Commodities Post-trade Subscriber | YES |
| 1000503 | Commodities EndOfDay End Energy Consumers Subscriber | YES |
| 908250DF | DATAFEED: Commodities Level 2 External Professional Subscriber | NO |
| 923838DF | DATAFEED: Commodities TotalView External Professional Subscriber | NO |
| 995721DF | DATAFEED: Nasdaq Commodities Level 2 Pre-trade Subscriber | NO |
| 995722DF | DATAFEED: Nasdaq Commodities TotalView Pre-tradeSubscriber | NO |
| 995723DF | DATAFEED: Nasdaq Commodities Post-trade Subscriber | NO |

NASDAQ NORDIC FIXED INCOME

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 1003214 | Nordic Fixed Income External Professional Subscriber | YES |
| 961403 | Nordic Fixed Income End of Day Redistribution | YES |
| 1008085 | Nordic Fixings External Professional Subscriber | YES |
| 1003274 | Nordic Fixed Income Pre-trade Subscriber | YES |
| 995737 | Nordic Fixed Income Post-trade Subscriber | YES |
| 1003214DF | DATAFEED: Nordic Fixed Income External Professional Subscriber | NO |
| 1008085DF | DATAFEED: Nordic Fixings External Professional Subscriber | NO |
| 1003274DF | DATAFEED: Nordic Fixed Income Pre-trade Subscriber | NO |
| 995737DF | DATAFEED: Nordic Fixed Income Post-trade Subscriber | NO |

NASDAQ NORDIC EQUITY & FIXED INCOME NON-PROFESSIONAL

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 907253 | Nordic Equity & Fixed Income Level 1 Non-Professional Subscriber | YES |
| 907254 | Nordic Equity & Fixed Income Non-Professional Subscriber | YES |

NASDAQ SNAPSHOTS

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---------------------------------------|--------------------------|
| 907257 | Nordic Snapshots Level 1 Professional | YES |
| 907258 | Nordic Snapshots Level 2 Professional | YES |

NASDAQ LBMA TRADE DATA

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 1001464 | Nasdaq LBMA Trade Data Professional Subscriber | YES |
| 1001464DF | DATAFEED: Nasdaq LBMA Trade Data Professional Subscriber | NO |

NASDAQ BALTIC

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 907269 | Baltic Equity & Fixed Income Level 1 External Professional Subscriber | YES |
| 907270 | Baltic Equity & Fixed Income Level 2 External Professional Subscriber | YES |
| 907271 | Baltic Equity & Fixed Income Level 2 Non-Professional Subscriber | YES |
| 907272 | Baltic Snapshots Professional | YES |
| 1008086 | Baltic Equity & Fixed Income TotalView External Professional Subscriber | YES |
| 923612 | Baltic Equity & Fixed Income TotalView Non-Professional Subscriber | YES |
| 924406 | Baltic Equity & Fixed Income Level 1 Non-Professional Subscriber | YES |

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| | | |
|-----------|---|-----|
| 995726 | Baltic Equity & Fixed Income Pre-trade Level 1 Subscriber | YES |
| 995727 | Baltic Equity & Fixed Income Pre-trade Level 2 Subscriber | YES |
| 995728 | Baltic Equity & Fixed Income Pre-trade TotalView Subscriber | YES |
| 995729 | Baltic Equity & Fixed Income Post-trade Subscriber | YES |
| 999803 | Baltic Equity & Fixed Income MDS Non-Professional Subscriber | YES |
| 999802 | Baltic Equity & Fixed Income MDS Professional Subscriber | YES |
| 907269DF | DATAFEED: Baltic Equity & Fixed Income Level 1 External Professional Subscriber | NO |
| 907270DF | DATAFEED: Baltic Equity & Fixed Income Level 2 External Professional Subscriber | NO |
| 1008086DF | DATAFEED: Baltic Equity & Fixed Income TotalView External Professional Subscriber | NO |
| 995726DF | DATAFEED: Baltic Equity & Fixed Income Pre-trade Level 1 Subscriber | NO |
| 995727DF | DATAFEED: Baltic Equity & Fixed Income Pre-trade Level 2 Subscriber | NO |
| 995728DF | DATAFEED: Baltic Equity & Fixed Income Pre-trade TotalView Subscriber | NO |
| 995729DF | DATAFEED: Baltic Equity & Fixed Income Post-trade Subscriber | NO |

NASDAQ INTERNAL USAGE

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 907305 | Nordic Equity Level 1 Internal Professional Subscriber | YES |
| 907306 | Nordic Equity TotalView Internal Professional Subscriber | YES |
| 907308 | Nordic Equity Level 2 Internal Professional Subscriber | YES |
| 907304 | Nordic Equity Derivatives Level 2 Internal Professional Subscriber | YES |
| 923338 | Nordic Equity Derivatives TotalView Internal Professional Subscriber | YES |
| 908251 | Commodities Level 2 Internal Professional Subscriber | YES |
| 923839 | Commodities TotalView Internal Professional Subscriber | YES |
| 1003215 | Nordic Fixed Income Internal Professional Subscriber | YES |
| 907310 | Baltic Equity & Fixed Income Level 1 Internal Professional Subscriber | YES |
| 907311 | Baltic Equity & Fixed Income Level 2 Internal Professional Subscriber | YES |
| 907309 | VINX Plus Internal Subscriber | YES |

NASDAQ NORDIC NON-PROFESSIONAL

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 907259 | Nordic Equity and Fixed Income Snapshots Level 1 Non-Professional - Per Custody Account | YES |
| 907260 | Nordic Equity and Fixed Income Snapshots Level 1 Non-Professional - Per Active Subscriber | YES |
| 907261 | Nordic Equity and Fixed Income Snapshots Level 2 Non-Professional - Per Query | YES |
| 907262 | Nordic Equity Derivatives Snapshots Level 1 Non-Professional | YES |
| 907263 | Nordic Equity Derivatives Snapshots Level 2 Non-Professional | YES |
| 922726 | Nordic Equity Derivatives Snapshots Level 1 Non-Professional - Per Active Subscriber | YES |
| 923254 | Nordic Equity and Fixed Income Level 2 Streamed Non-Professional Subscriber | YES |
| 995607 | Nordic Equity and Fixed Income Level 1 Streamed Non-Professional Subscriber | YES |

NASDAQ BALTIC NON-PROFESSIONAL

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 924405 | Baltic Equity & Fixed Income TotalView Member Non-Professional Subscriber | YES |
| 973919 | Baltic Equity & Fixed Income Level 1 Member Non-Professional Subscriber | YES |
| 973920 | Baltic Equity & Fixed Income Level 2 Member Non-Professional Subscriber | YES |

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NASDAQ EUROPEAN MDS

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 923330 | Nordic Equity Managed Data Solution | YES |
| 923335 | Nordic Equity Derivatives Managed Data Solution | YES |
| 924710 | Nordic Equity Managed Data Solution Non-Professional Subscriber | YES |
| 957701 | Nordic Equity Derivatives Managed Data Solution Non-Professional Subscriber | YES |
| 983963 | Commodities Managed Data Solution Non-Professional Subscriber | YES |
| 983964 | Commodities Managed Data Solution Professional Subscriber | YES |
| 989841 | Commodities MDS Non-Display | YES |
| 989842 | Nordic Equity Derivatives MDS Non-Display | YES |
| 1000082 | Baltic Equity and Fixed Income MDS Non-Display | YES |

NASDAQ NORDIC HOSTED DATA SOLUTION

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 907265 | Nordic Hosted Delayed Issuer | YES |
| 907266 | Nordic Hosted Delayed Issuer Peer Group | YES |
| 919001 | Nordic Hosted Realtime Issuer | YES |
| 919002 | Nordic Hosted Realtime Issuer Peer Group | YES |
| 919918 | Nordic Equity Level 1 & Level 2 Professional Hosted Member | YES |
| 919922 | Nordic Equity Level 1 & Level 2 Non-Professional Hosted Subscriber | YES |
| 919923 | Nordic Equity Level 1 & Level 2 Professional Hosted Subscriber | YES |
| 920738 | Nordic Hosted Delayed Data Recipient | YES |

NASDAQ NON-BILLABLE

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 907228NB | Non-Billable Datafeed: Nordic Delayed Redistributor | NO |
| 907248NB | Non-Billable Terminal: Nordic Equity Level 1 External Professional Subscriber | NO |
| 907249NB | Non-Billable Terminal: Nordic Equity Level 2 External Professional Subscriber | NO |
| 907250NB | Non-Billable Terminal: Nordic Equity TotalView External Professional Subscriber | NO |
| 907252NB | Non-Billable Terminal: Nordic Equity Derivatives Level 2 External Professional Subscriber | NO |
| 907268NB | Non-Billable Terminal: VINX Plus External Subscriber | NO |
| 907269NB | Non-Billable Terminal: Baltic Equity & Fixed Income Level 1 External Professional Subscriber | NO |
| 907270NB | Non-Billable Terminal: Baltic Equity & Fixed Income Level 2 External Professional Subscriber | NO |
| 908250NB | Non-Billable Terminal: Commodities Level 2 External Professional Subscriber | NO |
| 1003214NB | Non-Billable Terminal: Nordic Fixed Income External Professional Subscriber | NO |
| 923336NB | Non-Billable Terminal: Nordic Equity Derivatives TotalView External Professional Subscriber | NO |
| 1008086NB | Non-Billable Terminal: Baltic Equity & Fixed Income TotalView External Professional Subscriber | NO |
| 923838NB | Non-Billable Terminal: Commodities TotalView External Professional Subscriber | NO |
| 1008085NB | Non-Billable Terminal: Nordic Fixings External Professional Subscriber | NO |
| 989843NB | Non-Billable Terminal: Nordic Equity Depth MDS Non-Display | NO |
| 989844NB | Non-Billable Terminal: Nordic Equity Level 1 MDS Non-Display | NO |
| 995682NB | Non-Billable Terminal: Nordic Equity Level 1 Pre-trade Subscriber | NO |
| 995683NB | Non-Billable Terminal: Nordic Equity Level 2 Pre-trade Subscriber | NO |
| 995684NB | Non-Billable Terminal: Nordic Equity TotalView Pre-trade Subscriber | NO |

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| | | |
|-----------|--|----|
| 995703NB | Non-Billable Datafeed: Baltic Delayed Redistributor | NO |
| 995707NB | Non-Billable Terminal: Nordic Equity Post-trade Subscriber | NO |
| 995708NB | Non-Billable Terminal: Nordic Equity Derivatives Level 2 Pre-trade Subscriber | NO |
| 995709NB | Non-Billable Terminal: Nordic Equity Derivatives Post-trade Subscriber | NO |
| 995721NB | Non-Billable Terminal: Nasdaq Commodities Level 2 Pre-trade Subscriber | NO |
| 995722NB | Non-Billable Terminal: Nasdaq Commodities TotalView Pre-trade Subscriber | NO |
| 995723NB | Non-Billable Terminal: Commodities Post-trade Subscriber | NO |
| 1003274NB | Non-Billable Terminal: Nordic Fixed Income Pre-trade Subscriber | NO |
| 995726NB | Non-Billable Terminal: Baltic Equity & Fixed Income Level 1 Pre-trade Subscriber | NO |
| 995727NB | Non-Billable Terminal: Baltic Equity & Fixed Income Level 2 Pre-trade Subscriber | NO |
| 995728NB | Non-Billable Terminal: Baltic Equity & Fixed Income TotalView Pre-trade Subscriber | NO |
| 995729NB | Non-Billable Terminal: Baltic Equity & Fixed Income Post-trade Subscriber | NO |
| 995737NB | Non-Billable Terminal: Nordic Fixed Income Post-trade Subscriber | NO |

NASDAQ VINX

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 907267 | VINX All Subscriber | YES |
| 907268 | VINX Plus External Subscriber | YES |
| 907267DF | DATAFEED: VINX All Subscriber | NO |
| 907268DF | DATAFEED: VINX Plus External Subscriber | NO |

NASDAQ DELAYED

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|---|--------------------------|
| 1004676 | Nordic Delayed External Distributor Bundled | YES |
| 1004674 | Nordic Delayed External Distributor Unbundled | YES |
| 1004677 | Baltic Delayed External Distributor Bundled | YES |
| 1004675 | Baltic Delayed External Distributor Unbundled | YES |
| 995704 | Commodities Delayed Data Feed Recipients | YES |

NASDAQ EXTRANET

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 995761 | Nordic Equity Extranet Provider | YES |
| 995762 | Nordic Equity Derivatives Extranet Provider | YES |
| 995763 | Nordic Fixed Income Extranet Provider | YES |
| 995764 | Commodities Extranet Provider | YES |
| 995765 | Baltic Equity and Fixed Income Extranet Provider | YES |

NASDAQ ISSUER

| Exchange Product Code | Exchange Product Code definition | Report Title ID Required |
|-----------------------|--|--------------------------|
| 921285 | Nordic & Baltic Equity Last Sale Issuer Per ISIN | YES |
| 921286 | Nordic & Baltic Equity Last Sale Issuer Peer Group | YES |

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