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EXHIBIT 5

Deleted text is [bracketed]. New text is <u>underlined</u>.

Nasdaq MRX, LLC Rules

General Rules

* * * * *

General 8 Connectivity

The rules contained in The Nasdaq Stock Market LLC General 8, as such rules may be in effect from time to time (the "General 8 Rules"), are hereby incorporated by reference into this Nasdaq MRX General 8, and are thus Nasdaq MRX Rules and thereby applicable to Nasdaq MRX Members. Nasdaq MRX Members shall comply with the General 8 Rules as though such rules were fully set forth herein. All defined terms, including any variations thereof, contained in the General 8 Rules shall be read to refer to the Nasdaq MRX related meaning of such term. Solely by way of example, and not in limitation or in exhaustion: the defined term "Exchange" in the General 8 Rules shall be read to refer to the Nasdaq MRX Exchange; the defined term "Rule" in the General 8 Rules shall be read to refer to the Nasdaq MRX Rule.

[The connectivity products and services that this Rule describes are shared among all of the Nasdaq, Inc. exchanges (The Nasdaq Stock Market, LLC, Nasdaq BX, Inc., Nasdaq PHLX, LLC, Nasdaq ISE, LLC, Nasdaq, MRX, LLC, and Nasdaq GEMX, LLC). Fees for these products and services are also the same among all of the Nasdaq, Inc. exchanges. As such, a firm need only purchase the products and services listed below from any Nasdaq, Inc. exchange once to connect to any and all of the Nasdaq, Inc. exchanges to which it is otherwise entitled to connect, or to connect to third party market data feeds or services. For example, if a firm purchases connectivity to one Nasdaq, Inc. exchange and then subsequently qualifies to connect to a second Nasdaq, Inc. exchange, then the firm may utilize its existing services for connecting to the first exchange to also connect to the second exchange, without incurring an additional charge.]

[Section 1. Co-Location Services

The following charges are assessed for co-location services:¹

(a) Cabinets

| Cabinet with Power | | |
|---|------------------|------------------------|
| Description | Installation Fee | Ongoing Monthly Fee |
| Super High Density Cabinet (>10kW - <=17.3kW) | \$4,500*** | \$8,000** |

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| High Density Cabinet (>7kW - <10kW) | \$3,500 | \$4,500** |
|--|-------------|-----------|
| Medium-High Density Cabinet (>5kW - <=7kW) | \$3,500 | \$3,500** |
| Medium Density Cabinet (>2.88kW <=5kW) | V - \$3,500 | \$2,500** |
| Low Density Cabinet (<=2.88kW) | \$3,500 | \$2,000** |
| Half Cabinet* | | \$2,000 |

^{*} Not available to new subscribers.

*** Includes larger cabinet (30" W \times 48" D \times 96" H). Standard installation fee of \$3,500 would apply if smaller cabinet (24"W \times 42"D \times 84"H) is requested.

Note: Cabinet power cap is based on the available power at 80% of the breakered capacity of all circuit pairs within a cabinet (where a primary/redundant circuit pair is considered a single circuit).

| Shared Cabinet Space | | |
|---|------------------|------------------------|
| Description | Installation Fee | Ongoing Monthly Fee |
| 4U Block of Cabinet Space including up to 500W of power * | \$150 per hour | \$600 |

^{*}No more than 2 4U Blocks. Access restricted to Exchange personnel.

Specialty Cabinet Charge

| Description | Ongoing Monthly Fee |
|---|---|
| Additional Charge per Cabinet for cabinet > 24"W for each 6"W increment greater than 24"W - 2x the ongoing cabinet fee if the cabinet is >=48"W | \$500 per 6" or 2x the Ongoing Cabinet fee |

Multi-Firm Cabinet Charge

^{**} Discount of 15% of fee available to users of 25 or more full cabinets who commit to a 3 year term; Discount of 10% of fee available to users of 25 or more full cabinets who commit to a 2 year term.

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| Description | Ongoing Monthly Fee |
|--|---------------------|
| Additional Charge per Cabinet per firm for each cabinet that supports a firm other than the firm contracted to receive the cabinet by Nasdaq Technology Services | \$500 |

(b) Connectivity

External Telco/Inter-Cabinet Connectivity

| Description | Installation Fee | Ongoing Monthly Fee |
|--|-------------------------|------------------------|
| Category 6 Cable patch | \$300 | \$350* |
| DS-3 Connection | \$500 | \$350* |
| Fiber | \$500 | \$350* |
| POTS Line | \$0 | \$50 |
| One-Time Telco Connectivity Expedite Fee | \$1,400 | \$0 |
| Inter-Cabinet Telco connection outside Nasdaq space | | \$1,000 |
| 100MB Connectivity - Metro NY/NJ Area Destination | \$1,165 ** | \$1,650** |
| 1G Connectivity - Metro NY/NJ Area Destination | \$2,150 ** | \$2,150** |
| 10G Connectivity - Metro NY/NJ Area Destination | \$5,000 ** | \$5,000** |
| 100MB Connectivity - Toronto Area Destination | \$4,850 ** | \$4,100** |
| 1G Connectivity - Toronto Area Destination | \$7,700 ** | \$9,850** |
| 10G Connectivity - Toronto | \$14,200 *** | \$28,400 *** |

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Area Destination

| 100MB Connectivity - Chicago Area Destination | \$3,500 ** | \$7,350 *** |
|--|-------------|------------------------|
| 1G Connectivity - Chicago Area Destination | \$4,900 ** | \$12,800 ** |
| 10G Connectivity - Chicago Area Destination | \$10,650 ** | \$26,900 ** |

^{*}Requesting party only. Not applicable to inter-cabinet connections among the same customer.

Connectivity to the Exchange

| Description | Installation Fee | Ongoing Monthly Fee |
|---|------------------|------------------------|
| Fiber Connection to the Exchange (10Gb) | \$1,000 | \$10,000 |
| Fiber Connection to the Exchange (10Gb Ultra) | \$1,500 | \$15,000 |
| Fiber Connection to the Exchange (40Gb) | \$1,500 | \$20,000 |
| Fiber Connection to the Exchange (1Gb Ultra) | \$1,500 | \$2,500 |
| Fiber Connection to the Exchange (1Gb) | \$1,000 | \$2,500 |
| 1Gb Copper Connection to the Exchange | \$1,000 | \$2,500 |

Connectivity to Third Party Services

| Description | Installation Fee | Ongoing Monthly Fee |
|----------------------------|-------------------------|------------------------|
| Third Party Services Fiber | \$1,500 [*] | \$5,000* |

^{**} Includes fiber telco cross connect within the Exchange's data center.

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Connection (10Gb Ultra)

| Third Party Services Fiber Connection (1Gb Ultra) | \$1,500* | \$2,000 * |
|--|----------|--------------------|
| Third Party Services Fiber Connection (1Gb Ultra or 10Gb Ultra for UTP only) | \$100 * | \$100 [*] |

^{*}Waived for two connections per client to UTP SIP feeds only (UQDF and UTDF).

Market Data Connectivity *
The following Market Data feeds are delivered to the Nasdaq Data Center via a fiber optic network:

| Description | Installation Fee | Ongoing Monthly Fee |
|-------------------------------------|------------------|------------------------|
| Nasdaq | \$1,000 | \$0 |
| SIAC | \$1,000 | |
| CTS/CQS | | \$1,412 |
| OpenBook Realtime | | \$2,500 |
| OpenBook Ultra | | \$2,500 |
| NYSE Alerts | | \$200 |
| NYSE Trades | | \$100 |
| Arca Trades | | \$100 |
| ArcaBook Multicast | | \$1,500 |
| Arca BBO | | \$125 |
| AMEX- Ultra/Trades/Alerts/LRP | | \$100 |
| OPRA | | \$6,000 |
| CME | \$1,000 | \$3,500 |
| Access Fee per location device/user | | \$65 |

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| CBOE | \$1,000 | |
|------------------------------|---------|-------|
| BZX Depth | \$4 | 4,000 |
| BYX Depth | \$ | 1,500 |
| EDGA Depth | \$2 | 2,500 |
| EDGX Depth | \$2 | 2,500 |
| TSX/TSXV | \$1,000 | |
| TSX and TSXV Level 1 Feed | \$. | 300 |
| TSX and TSXV Level 2 Feed | \$ | 1,000 |
| TSX Quantum Level 1 Feed | \$ | 100 |
| TSX Quantum Level 2 Feed | \$. | 300 |

^{*}Pricing is for connectivity only and is similar to connectivity fees imposed by other vendors. The fees are generally based on the amount of bandwidth needed to accommodate a particular feed and the Exchange is not the exclusive method to get market data connectivity. Market data fees are charged independently by the Exchange and other exchanges.

The following multicast Market Data feeds are delivered to the Nasdaq Data Center via a wireless network (microwave or millimeter wave):

| Description | Installation Fee | Recurring Monthly Fee * |
|---|------------------|-------------------------|
| NYSE Equities (Arca Integrated) | \$5,000 | \$10,000 |
| NYSE Equities (NYSE Integrated) | \$5,000 | \$10,000 |
| BATS Multicast PITCH (BZX and BYX) | \$2,500 | \$7,500 |
| Direct EDGE Depth of Book (EDGA, EDGX) | \$2,500 | \$7,500 |

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| CME Multicast Total | \$5,000 | \$23,500 |
|---------------------------------------|---------|----------|
| CME Equities Futures Data Only | | \$10,000 |
| CME Fixed Income Futures Data Only | | \$10,000 |
| CME Metals Futures Data Only | | \$3,500 |

^{*}Subscribers with three to five microwave or millimeter wave wireless subscriptions under General 8, Section 1(b) (and/or any other provision of these Rules that provides for such subscriptions, as may exist, from time to time)receive a 5% discount on all such subscriptions; subscribers with six to ten microwave or millimeter wave wireless subscriptions under the Rules receive a 10% discount on all such subscriptions; subscribers with eleven to fourteen microwave or millimeter wave wireless subscriptions under the Rules receive a 15% discount on all such subscriptions; and subscribers with fifteen or more microwave or millimeter wave wireless subscriptions under the Rules receive a 20% discount on all such subscriptions.

(c) Power

| Cabinet Power | | | | |
|----------------------------|------------------|---------------------|--|--|
| Description | Installation Fee | Ongoing Monthly Fee | | |
| 2x20 amp 110 volt | \$2,000 | \$0 | | |
| 2x30 amp 110 volt | \$2,000 | \$0 | | |
| 2x20 amp 208 volt | \$2,000 | \$0 | | |
| 2x30 amp 208 volt | \$2,000 | \$0 | | |
| Phase 3 2x 20 amp 208 volt | \$3,000 | \$0 | | |
| Phase 3 2x 30 amp 208 volt | \$3,000 | \$0 | | |
| 2x60 amp 208 volt | \$3,000 | \$0 | | |
| Phase 3 2x 40 amp 208 volt | \$3,000 | \$0 | | |
| Phase 3 2x 50 amp 208 volt | \$3,000 | \$0 | | |
| Phase 3 2x 60 amp 208 volt | \$3,000 | \$0 | | |
| | | | | |

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| 2x30 amp 48 volt DC | \$3,000 | \$0 |
|---------------------|---------|-----|
| | | |

(d) Additional Charges/Services

| | 1 | 1 9 | | | 1 1 | T 4 | |
|---|---|-----|------|-----|-----|-----|----|
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| Installation Fee | Ongoing Monthly Fee |
|-------------------------|---|
| \$1,500 | \$0 |
| \$250 | \$0 |
| \$500 | \$0 |
| \$4,500 | \$0 |
| \$200 | \$0 |
| \$175 | \$0 |
| \$750 | \$0 |
| Installation Specific | \$3,000 |
| Installation Specific | \$0 |
| \$0 | \$500 |
| \$4.50 +\$0.50 per foot | \$0 |
| \$20 +\$1.50 per meter | \$0 |
| \$24 +\$0.75 per meter | \$0 |
| \$34 +\$10 per meter | \$0 |
| \$5 | \$0 |
| \$10 | \$0 |
| | \$1,500 \$250 \$500 \$4,500 \$200 \$175 \$750 Installation Specific Installation Specific \$0 \$4.50 +\$0.50 per foot \$20 +\$1.50 per meter \$24 +\$0.75 per meter \$34 +\$10 per meter |

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| Services | | |
|------------------------------|-----------------------|--|
| Cabinet Proximity Option Fee | \$0 | \$1,000 per medium or low density cabinet, or \$1,500 per medium/high or high density cabinet |
| GPS Antenna | Installation Specific | \$200 |
| Internet Bandwidth - 5Mb | \$0 | \$1,100 |
| Internet Bandwidth - 4Mb | \$0 | \$900 |
| Internet Bandwidth - 3Mb | \$0 | \$700 |
| Internet Bandwidth - 2Mb | \$0 | \$500 |
| Internet Bandwidth - 1Mb | \$0 | \$300 |
| Equipment Storage | \$0 | \$100 |

| Description | Rate |
|--|--------------------------------------|
| Power Consulting Service (billed in hourly increments) | \$250/hr plus materials if necessary |
| Remote Hands Service | \$150/hr |

¹ Co-location services provided by Nasdaq Technology Services LLC.]

[Section 2. Direct Connectivity

Direct Connectivity services are provided by Nasdaq Technology Services, LLC.

(a) Direct Circuit Connection to the Exchange

| Description | Installation Fee | Ongoing Monthly Fee |
|--|------------------|------------------------|
| Direct Circuit Connection to the Exchange (10Gb) | \$1,500 | \$7,500 |

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| Direct Circuit Connection to the Exchange (supports up to 1Gb) | \$1,500 | \$2,500 |
|--|---------|---------|
| Direct Circuit Connection to the Exchange (1Gb Ultra) | \$1,500 | \$2,500 |
| Optional Cable Router | \$925 | |
| Per U of Cabinet Space* | | \$150 |

^{*} Fees are based on a height unit of approximately 1.75 inches high, commonly called a "U" space and a maximum power of 125 Watts per U space.

(b) Direct Circuit Connection to Third Party Services

| Description | Installation Fee | Ongoing Monthly Fee |
|---|---------------------|---------------------------|
| Third Party Services Direct Connection (10Gb Ultra) | \$1,500 * | \$5,000 * |
| Third Party Services Direct Connection (1Gb Ultra) | \$1,500 * | \$2,000* |
| Third Party Services Direct Connection (1Gb Ultra or 10Gb Ultra for UTP only) | \$100 [*] | \$100 * |
| Optional Cable Router | \$925 | |
| Per U of Cabinet Space ** | | \$150 |

^{*}Waived for two connections per client to UTP SIP feeds only (UQDF and UTDF).

(c) Point of Presence (POP) Connectivity

| Description | Installati | on Ongoing |
|---------------------------------------|------------|----------------|
| - | Fee | Monthly Fee |
| POP Connection to the Exchange (10Gb) | \$1,500 | \$7,500 |

^{**} Fees are based on a height unit of approximately 1.75 inches high, commonly called a "U" space and a maximum power of 125 Watts per U space.

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POP Connection to the Exchange (1Gb Ultra)

\$1,500

\$2,500]

* * * *