

Additions underscored

Deletions [bracketed]

NYSE Arca Options Fees and Charges

Effective Date: [August 1]●, 2016

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NYSE Arca OPTIONS: FLOOR and EQUIPMENT and CO-LOCATION FEES

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CO-LOCATION FEES

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General Notes

1. [No change]
2. [No change]
3. [No change]
4. When a User purchases access to the LCN or IP network, it receives the ability to connect to the trading and execution systems of the NYSE, NYSE MKT and NYSE Arca (Exchange Systems), subject, in each case, to authorization by the NYSE, NYSE MKT or NYSE Arca, as applicable. Such connectivity includes access to the customer gateways that provide for order entry, order receipt (i.e. confirmation that an order has been received), receipt of drop copies and trade reporting (i.e. whether a trade is executed or cancelled), as well as for sending information to shared data services for clearing and settlement. A User can change the connections it receives at any time, subject to authorization. A User does not have to purchase access to the LCN or IP network in order to obtain connectivity to Exchange Systems.

When a User purchases access to the LCN or IP network it receives connectivity to any of the Included Data Products that it selects, subject to any technical provisioning requirements and authorization from the provider of the data feed. Market data fees for the Included Data Products are charged by the provider of the data feed. A User can change the Included Data Products to which it receives connectivity at any time, subject to authorization from the provider of the data feed. The Exchange is not the exclusive method to connect to the Included Data Products.

The Included Data Products are as follows:

<u>Included Data Products</u>
<u>NMS feeds</u>
<u>NYSE:</u> <u>NYSE Alerts</u> <u>NYSE BBO</u> <u>NYSE OpenBook</u> <u>NYSE Order Imbalances</u> <u>NYSE Trades</u>
<u>NYSE Amex Options</u>
<u>NYSE Arca:</u> <u>NYSE ArcaBook</u> <u>NYSE Arca BBO</u> <u>NYSE Arca Order Imbalances</u> <u>NYSE Arca Trades</u>
<u>NYSE Arca Options</u>
<u>NYSE Bonds</u>
<u>NYSE MKT:</u> <u>NYSE MKT Alerts</u> <u>NYSE MKT BBO</u> <u>NYSE MKT OpenBook</u> <u>NYSE MKT Order Imbalances</u> <u>NYSE MKT Trades</u>

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Type of Service	Description	Amount of Charge
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<u>Wireless Connection for Third Party Data</u>	<u>Port for wireless connection</u>	<u>\$3,000 monthly charge per port, excluding first port</u>
	<u>1Mb</u>	<u>\$200 monthly charge</u>
	<u>3Mb</u>	<u>\$400 monthly charge</u>
<u>Virtual Control Circuit between two Users</u>	<u>5Mb</u>	<u>\$500 monthly charge</u>
	<u>10Mb</u>	<u>\$800 monthly charge</u>
	<u>25Mb</u>	<u>\$1,200 monthly charge</u>
	<u>50Mb</u>	<u>\$1,800 monthly charge</u>
	<u>100Mb</u>	<u>\$2,500 monthly charge</u>

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*** [No change]

Co-Location: Connectivity to Third Party Exchange Systems, Market Data Products, and DTCC

Connectivity to Premium NYSE Data Products

Pricing for Premium NYSE Data Products is for connectivity only. Connectivity to Premium NYSE Data Products is subject to any technical provisioning requirements and authorization from the provider of the data feed. Market data fees for the Premium NYSE Data Products are charged by the provider of the data feed. The Exchange is not the exclusive method to connect to Premium NYSE Data Products.

The Premium NYSE Data Products are as follows:

<u>Premium NYSE Data Product</u>	<u>Feed</u>	<u>Monthly Recurring Connectivity Fee per Feed</u>
<u>NYSE Arca Integrated Feed</u>	<u>Feed A, IP network only</u>	<u>\$1,500</u>
	<u>Feed B, IP network only</u>	<u>\$1,500</u>
	<u>Resilient, IP network only</u>	<u>\$3,000</u>
	<u>Resilient, LCN only</u>	<u>\$1,500</u>
<u>NYSE Best Quote and Trades (BQT)</u>	<u>Feed A, IP network only</u>	<u>\$500</u>
	<u>Feed B, IP network only</u>	<u>\$500</u>
	<u>Resilient, IP network only</u>	<u>\$1,000</u>
	<u>Resilient, LCN only</u>	<u>\$500</u>
<u>NYSE Integrated Feed</u>	<u>Feed A, IP network only</u>	<u>\$1,500</u>
	<u>Feed B, IP network only</u>	<u>\$1,500</u>
	<u>Resilient, IP network only</u>	<u>\$3,000</u>
	<u>Resilient, LCN only</u>	<u>\$1,500</u>
<u>NYSE MKT Integrated Feed</u>	<u>Feed A, IP network only</u>	<u>\$300</u>
	<u>Feed B, IP network only</u>	<u>\$300</u>
	<u>Resilient, IP network only</u>	<u>\$600</u>
	<u>Resilient, LCN only</u>	<u>\$300</u>

Connectivity to Third Party Systems

Pricing for access to the execution systems of third party markets and other service providers (Third Party Systems) is for connectivity only. Connectivity to Third Party Systems is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to Third Party Systems is over the IP network. Any applicable fees are charged independently by the relevant third party content service provider. The Exchange is not the exclusive method to connect to Third Party Systems.

<u>Bandwidth of</u>	<u>Monthly recurring</u>
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<u>connection to Third Party System</u>	<u>fee per connection to Third Party System</u>
<u>1Mb</u>	<u>\$200</u>
<u>3Mb</u>	<u>\$400</u>
<u>5Mb</u>	<u>\$500</u>
<u>10Mb</u>	<u>\$800</u>
<u>25Mb</u>	<u>\$1,200</u>
<u>50Mb</u>	<u>\$1,800</u>
<u>100Mb</u>	<u>\$2,500</u>
<u>200 Mb</u>	<u>\$3,000</u>
<u>1 Gb</u>	<u>\$3,500</u>

<u>Third Party Systems</u>
<u>Americas Trading Group (ATG)</u>
<u>BATS</u>
<u>Boston Options Exchange (BOX)</u>
<u>Chicago Board Options Exchange (CBOE)</u>
<u>Credit Suisse</u>
<u>International Securities Exchange (ISE)</u>
<u>Nasdaq</u>
<u>National Stock Exchange</u>
<u>NYFIX Marketplace</u>

Connectivity to Third Party Data Feeds

Pricing for data feeds from third party markets and other content service providers (Third Party Data Feeds) is for connectivity only. Connectivity to Third Party Data Feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to Third Party Data Feeds is over the IP network, with the exception that Users can connect to Global OTC and NYSE Global Index over the IP network or LCN. Market data fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to Third Party Data Feeds.

Third Party Data Feed providers may charge redistribution fees. When the Exchange receives a redistribution fee, it passes through the charge to the User, without change to the fee. The fee is labeled as a pass-through of a redistribution fee on the User's invoice. The Exchange does not charge third party markets or content providers for connectivity to their own feeds.

<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>Bats BZX Exchange (BZX) and Bats BYX</u>	<u>\$2,000</u>

<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>Exchange (BYX)</u>	
<u>Bats EDGX Exchange (EDGX) and Bats EDGA Exchange (EDGA)</u>	<u>\$2,000</u>
<u>Chicago Board Options Exchange (CBOE)</u>	<u>\$2,000</u>
<u>Chicago Stock Exchange (CHX)</u>	<u>\$400</u>
<u>Euronext</u>	<u>\$600</u>
<u>Financial Industry Regulatory Authority (FINRA)</u>	<u>\$500</u>
<u>Global OTC</u>	<u>\$100</u>
<u>Intercontinental Exchange (ICE)</u>	<u>\$1,500</u>
<u>Montréal Exchange (MX)</u>	<u>\$1,000</u>
<u>MSCI 5 Mb</u>	<u>\$500</u>
<u>MSCI 25 Mb</u>	<u>\$1,200</u>
<u>NASDAQ Stock Market</u>	<u>\$2,000</u>
<u>NASDAQ OMX Global Index Data Service</u>	<u>\$100</u>
<u>NASDAQ OMDF</u>	<u>\$100</u>
<u>NASDAQ UQDF & UTDF</u>	<u>\$500</u>
<u>NYSE Global Index</u>	<u>\$100</u>
<u>OTC Markets Group</u>	<u>\$1,000</u>
<u>SR Labs - SuperFeed <500 Mb</u>	<u>\$250</u>
<u>SR Labs – SuperFeed >500 Mb to <1.25 Gb</u>	<u>\$800</u>
<u>SR Labs – SuperFeed >1.25 Gb</u>	<u>\$1,000</u>
<u>TMX Group</u>	<u>\$2,500</u>

Connectivity to Third Party Testing and Certification Feeds

The Exchange provides connectivity to third party testing and certification feeds provided by third party markets and other content service providers. Pricing for third party testing and certification feeds is for connectivity only. Connectivity to third party testing and certification feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to third party testing and certification feeds is over the IP network. Any applicable fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to third party testing and certification feeds.

<u>Connectivity to third party certification and testing feeds</u>	<u>\$100 monthly recurring fee per feed</u>
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Connectivity to DTCC

Pricing for connectivity to DTCC feeds is for connectivity only. Connectivity to DTCC feeds is subject to any technical provisioning requirements and

authorization from DTCC. Connectivity to DTCC feeds is over the IP network. Any applicable fees are charged independently by DTCC. The Exchange is not the exclusive method to connect to DTCC feeds.

<u>5 Mb connection to DTCC</u>	<u>\$500 monthly recurring fee</u>
<u>50 Mb connection to DTCC</u>	<u>\$2,500 monthly recurring fee</u>

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NYSE Arca Equities, Inc.

**SCHEDULE OF FEES AND CHARGES
FOR EXCHANGE SERVICES**

[August 1]●, 2016

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NYSE ARCA MARKETPLACE: OTHER FEES AND CHARGES

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CO-LOCATION FEES

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General Notes

1. [No change]
2. [No change]
3. [No change]
4. When a User purchases access to the LCN or IP network, it receives the ability to connect to the trading and execution systems of the NYSE, NYSE MKT and NYSE Arca (Exchange Systems), subject, in each case, to authorization by the NYSE, NYSE MKT or NYSE Arca, as applicable. Such connectivity includes access to the customer gateways that provide for order entry, order receipt (i.e. confirmation that an order has been received), receipt of drop copies and trade reporting (i.e. whether a trade is executed or cancelled), as well as for sending information to shared data services for clearing and settlement. A User can change the connections it receives at any time, subject to authorization. A User does not have to purchase access to the LCN or IP network in order to obtain connectivity to Exchange Systems.

When a User purchases access to the LCN or IP network it receives connectivity to any of the Included Data Products that it selects, subject to any technical provisioning requirements and authorization from the provider of the data feed. Market data fees for the Included Data Products are charged by the provider of the data feed. A User can change the Included Data Products to which it receives connectivity at any time, subject to authorization from the provider of the data feed. The Exchange is not the exclusive method to connect to the Included Data Products.

The Included Data Products are as follows:

<u>Included Data Products</u>
<u>NMS feeds</u>

<u>Included Data Products</u>
<u>NYSE:</u> <u>NYSE Alerts</u> <u>NYSE BBO</u> <u>NYSE OpenBook</u> <u>NYSE Order Imbalances</u> <u>NYSE Trades</u>
<u>NYSE Amex Options</u>
<u>NYSE Arca:</u> <u>NYSE ArcaBook</u> <u>NYSE Arca BBO</u> <u>NYSE Arca Order Imbalances</u> <u>NYSE Arca Trades</u>
<u>NYSE Arca Options</u>
<u>NYSE Bonds</u>
<u>NYSE MKT:</u> <u>NYSE MKT Alerts</u> <u>NYSE MKT BBO</u> <u>NYSE MKT OpenBook</u> <u>NYSE MKT Order Imbalances</u> <u>NYSE MKT Trades</u>

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Type of Service	Description	Amount of Charge
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Wireless Connection for Third Party Data	Port for wireless connection	\$3,000 monthly charge per port, excluding first port
<u>Virtual Control Circuit between two Users</u>	<u>1Mb</u>	<u>\$200 monthly charge</u>
	<u>3Mb</u>	<u>\$400 monthly charge</u>
	<u>5Mb</u>	<u>\$500 monthly charge</u>
	<u>10Mb</u>	<u>\$800 monthly charge</u>
	<u>25Mb</u>	<u>\$1,200 monthly charge</u>
	<u>50Mb</u>	<u>\$1,800 monthly charge</u>
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	<u>Feed B, IP network only</u>	<u>\$1,500</u>
	<u>Resilient, IP network only</u>	<u>\$3,000</u>
	<u>Resilient, LCN only</u>	<u>\$1,500</u>
<u>NYSE Best Quote and Trades (BQT)</u>	<u>Feed A, IP network only</u>	<u>\$500</u>
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	<u>Resilient, IP network only</u>	<u>\$3,000</u>
	<u>Resilient, LCN only</u>	<u>\$1,500</u>
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<u>Bandwidth of</u>	<u>Monthly recurring</u>
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<u>connection to Third Party System</u>	<u>fee per connection to Third Party System</u>
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<u>10Mb</u>	<u>\$800</u>
<u>25Mb</u>	<u>\$1,200</u>
<u>50Mb</u>	<u>\$1,800</u>
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<u>200 Mb</u>	<u>\$3,000</u>
<u>1 Gb</u>	<u>\$3,500</u>

<u>Third Party Systems</u>
<u>Americas Trading Group (ATG)</u>
<u>BATS</u>
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<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>Bats BZX Exchange (BZX) and Bats BYX</u>	<u>\$2,000</u>

<u>Third Party Data Feed</u>	<u>Monthly Recurring Connectivity Fee per Third Party Data Feed</u>
<u>Exchange (BYX)</u>	
<u>Bats EDGX Exchange (EDGX) and Bats EDGA Exchange (EDGA)</u>	<u>\$2,000</u>
<u>Chicago Board Options Exchange (CBOE)</u>	<u>\$2,000</u>
<u>Chicago Stock Exchange (CHX)</u>	<u>\$400</u>
<u>Euronext</u>	<u>\$600</u>
<u>Financial Industry Regulatory Authority (FINRA)</u>	<u>\$500</u>
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<u>MSCI 5 Mb</u>	<u>\$500</u>
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<u>NASDAQ OMX Global Index Data Service</u>	<u>\$100</u>
<u>NASDAQ OMDF</u>	<u>\$100</u>
<u>NASDAQ UQDF & UTDF</u>	<u>\$500</u>
<u>NYSE Global Index</u>	<u>\$100</u>
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<u>SR Labs - SuperFeed <500 Mb</u>	<u>\$250</u>
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The Exchange provides connectivity to third party testing and certification feeds provided by third party markets and other content service providers. Pricing for third party testing and certification feeds is for connectivity only. Connectivity to third party testing and certification feeds is subject to any technical provisioning requirements and authorization from the provider of the data feed. Connectivity to third party testing and certification feeds is over the IP network. Any applicable fees are charged independently by the relevant third party market or content service provider. The Exchange is not the exclusive method to connect to third party testing and certification feeds.

<u>Connectivity to third party certification and testing feeds</u>	<u>\$100 monthly recurring fee per feed</u>
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Connectivity to DTCC

Pricing for connectivity to DTCC feeds is for connectivity only. Connectivity to DTCC feeds is subject to any technical provisioning requirements and authorization from DTCC. Connectivity to DTCC feeds is over the IP network.

Any applicable fees are charged independently by DTCC. The Exchange is not the exclusive method to connect to DTCC feeds.

<u>5 Mb connection to DTCC</u>	<u>\$500 monthly recurring fee</u>
<u>50 Mb connection to DTCC</u>	<u>\$2,500 monthly recurring fee</u>

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