

Additions underlined
 Deletions [bracketed]

NYSE Arca Equities

FEES AND CHARGES

Effective Date: November 15, 2021

NYSE ARCA MARKETPLACE: TRADE RELATED FEES AND CREDITS¹

EXCHANGE TRANSACTIONS

ETP HOLDERS AND MARKET MAKERS²

Round Lots and Odd Lots (Per Share Price \$1.00 or Above and Per Share Price Below \$1.00)

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III. Standard Rates - Transactions (applicable when Tier Rates do not apply):

Category	Adding Liquidity ^{(a)(b)}	Adding Liquidity - Retail Orders ^(c)	Adding Liquidity - MPL Orders	Removing Liquidity ^(d)	Opening Orders ^{(e)(g)}	Closing Orders ^{(f)(g)}
Securities priced at or above \$1.00	(\$0.0020)	(\$0.0032)	(\$0.0010)	\$0.0030	\$0.0015; \$0.0005 for Retail Orders	\$0.0012; \$0.0008 for Retail Orders
Securities priced below \$1.00	<u>[((\$0.00004)]</u> <u>0.0% of</u> <u>Dollar Value</u>	<u>[((\$0.00004</u> <u>)] (0.05%</u> <u>of Dollar</u> <u>Value)</u>	<u>[((\$0.00004</u> <u>)] 0.0% of</u> <u>Dollar</u> <u>Value</u>	<u>[0.295]</u> <u>0.30</u> % of Dollar Value	0.1% of Dollar Value	0.1% of Dollar Value

(a)-(g) No Change.

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V. Standard Rates - Routing:

Category	Orders routed that remove liquidity	Primary Until 9:45 Orders and Primary After 3:55 Orders designated as Retail Orders and routed to the primary market	Primary Only (“PO”) Orders in Tape A Securities routed to NYSE that add liquidity	PO Orders in Tape B Securities routed to NYSE American that add liquidity	PO Orders in Tape A Securities routed to NYSE Auction	PO Orders in Tape B Securities routed to NYSE American Auction	PO Orders in Tape B Securities routed to Cboe BZX Auction and in Tape C Securities routed to NASDAQ Auction	[PO Orders in Tape C Securities routed to NASDAQ Auction]
Securities priced at or above \$1.00	\$0.0035	\$0.0010	(\$0.0012)	No Credit	\$0.0010	\$0.0005	\$0.0030	[\$0.0030]
Securities priced below \$1.00	0.3% of Dollar Value ^(a)	n/a	n/a	n/a	n/a	n/a	n/a	[n/a]

^(a) No Change.

VI. Tier Rates - Round Lots and Odd Lots (Per Share Price \$1.00 or Above):

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Retail Tiers					
Tier	Minimum Requirement of CADV			Rates for Retail Orders	
	Retail Adding ADV	Retail Orders with a time-in-force of Day that add and remove that is an increase over April 2018	Adding ADV	Credit for Retail Adding	Fee for Retail Removing with a Time-in-force of Day
Retail Order Tier	0.15%			(\$0.0033)	
Retail Order Step-Up Tier 1 ^{(d)(e)}		0.40%	1.00%	(\$0.0038) ^(f)	No Fee

Retail Order Step-Up Tier 2 ^(e)		0.10%		(\$0.0035) ^[(f)]	No Fee
Retail Order Step-Up Tier 3 ^(e)		0.20%		(\$0.0036) ^[(f)]	No Fee

(d)-(e) No Change.

[(f) This credit applies for Adding displayed liquidity.]

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Tape B Tiers						
	Minimum Requirement for Tape B			Minimum Requirement for NYSE Arca Options	Credit for Tape B Adding	
Tier	Adding ADV of Tape B CADV	Adding Increase in Tape B of Tape B CADV	Adding Increase Baseline	Market Maker Electronic Posting Volume of TCADV by OTP Holder or OTP Firm affiliated with the ETP Holder	Tape B Credit	Tape B Additional Credit ^[(g)] [(f)]
Tier 1 ^[(h)] [(g)]	1.50%				(\$0.0030)	
Tier 2 ^[(h)] [(g)]	1.00% or				(\$0.0028)	
	0.25% above April 2020					
Tier 3 ^[(h)] [(g)]	0.20%			0.50%	(\$0.0025)	
Step Up	0.50%	20%	Q3 2019			(\$0.0002)
	0.50%	30%	Q3 2019			(\$0.0003)
	0.50%	40%	Q3 2019			(\$0.0004)

(g)(f) This credit shall be in addition to the ETP Holder’s Tiered or Standard credit(s)[; provided, however, that] and such combined credit(s) in Tape B shall not exceed \$0.0032, except that for ETP Holders registered as a Lead Market Maker or Market Maker in at least 100 Less Active ETPs in which it meets at least two Performance Metrics, where the ETP Holder, together with any affiliates, has [unless the ETP Holder’s] Adding Tape B ADV that is an increase[s] of at least 60%[150%] over the ETP Holder’s Adding ADV in Q3 2019, as a percentage of Tape B CADV, in which case the ETP Holder can receive a combined credit of up to:

- \$0.0033 per share if the ETP Holder, together with any affiliates, [is registered as a Lead Market Maker or Market Maker in at least 150 Less Active ETPs in which it meets at least two Performance Metrics, and] has Tape B Adding ADV equal to at least 0.65% of Tape B CADV, or
- \$0.0034 per share if the ETP Holder, together with any affiliates, [is registered as a Lead Market Maker or Market Maker in at least 200 Less Active ETPs in which it meets at least two Performance Metrics, and] has Tape B Adding ADV equal to at least 0.70% of Tape B CADV.

(h)(g) LMMs cannot qualify for this Tier.

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VII. Tier Rates - Round Lots and Odd Lots (Per Share Price Below \$1.00)³

Sub-Dollar Adding Step Up Tier		
	Minimum Requirement	Credit for Sub-Dollar Adding Orders of total dollar value
Tier	1 Million Adding ADV with a per share price below \$1.00 (“Sub-Dollar Adding Orders”) and Adding Increase of CADV in Sub-Dollar Adding Orders over July 2020, as a percentage of CADV with a per share price below \$1.00	All Tapes
Sub-Dollar Adding Step Up Tier	0.[20]30%	0.050%
	0.[50]60%	0.100%
	[0.75%]	[0.125%]
	1.00%	0.150%

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