Exhibit 5

Additions: Underlined Deletions: [Bracketed]

NYSE Arca Equities, Inc.

SCHEDULE OF FEES AND CHARGES FOR EXCHANGE SERVICES

[August 3, 2015] October 1, 2015

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)

Tier 1:

For ETP Holders and Market Makers [(1)] that provide liquidity an average daily share volume per month of 0.70% or more of the US $CADV^3$ [or (2) that (a) provide liquidity an average daily share volume per month of 0.15% or more of the US CADV and (b) are affiliated with an OTP Holder or OTP Firm that provides an ADV⁴ of electronic posted executions (including all account types) in Penny Pilot issues on NYSE Arca Options (excluding mini options) of at least 100,000 contracts, of which at least 25,000 contracts must be for the account of a market

Tape A and Tape C Securities:

\$0.00[30]31 per share (credit) for orders that provide liquidity to the Book for Tape A Securities and \$0.0033 per share (credit) for orders that provide liquidity to the Book for Tape C Securities

\$0.0030 per share (fee) for orders that take liquidity from the Book for Tape A Securities and \$0.0029 per share (fee) for orders that take liquidity to the Book for Tape C Securities

Tape B Securities:

\$0.0023 per share (credit) for orders that provide liquidity to the Book. An additional credit shall apply to ETP Holders and Market Makers affiliated with LMMs that provide displayed liquidity to the Book based on the number of Less Active ETP Securities in which the LMM is registered as the LMM. The applicable tiered-credits are noted below (See LMM Transaction Fees and Credits).

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Tier 2:	Tape A and Tape C Securities:
For ETP Holders and	****
Market Makers that provide liquidity an	
average daily share	Tape B Securities:
volume per month of	
0.30% or more, but less	\$0.0022 per share (credit) for orders that provide liquidity to the Book. An additional credit shall apply to ETP Holders and Market
than 0.70% of the US CADV ³ :	Makers affiliated with LMMs that provide displayed liquidity to
	the Book based on the number of Less Active ETP Securities in
	which the LMM is registered as the LMM. The applicable tiered-
	credits are noted below (See LMM Transaction Fees and Credits).

Tier 3:	Tape A and Tape C Securities:
For ETP Holders and	T T T T T T T T T T T T T T T T T T T
Market Makers that	****
provide liquidity an average daily share	Tape B Securities:
volume per month of	
0.20% or more, but less	\$0.0022 per share (credit) for orders that provide liquidity to the
than 0.30% of the US CADV ³ :	Book. An additional credit shall apply to ETP Holders and Market Makers affiliated with LMMs that provide displayed liquidity to
CADV:	the Book based on the number of Less Active ETP Securities in
	which the LMM is registered as the LMM. The applicable tiered-
	credits are noted below (See LMM Transaction Fees and Credits).

[Step Up Tier 1:	[Tape A and Tape C Securities:
For ETP Holders and	
Market Makers on a daily	\$0.00295 per share (credit) for orders that provide liquidity to the Book
basis, measured monthly, that directly execute	to the Book
providing volume that is	No fee or credit for Passive Liquidity Orders that provide liquidity
an increase of no less	to the Book
than 0.20% of US CADV ³ for that month	\$0.0030 per share (fee) for Passive Liquidity Orders that take
over ETP Holders' and	liquidity from the Book
Market Makers' average	1 3
daily providing volume	Tape A Securities:
in June 2011, subject to a minimum increase of 20	\$0.0027 per share (fee) for orders in Tape A securities
million average daily	routed outside the Book to the NYSE

providing shares:]	Tape B Securities:
	\$0.0023 per share (credit) for orders that provide liquidity to the Book
	\$0.0028 per share (fee) for orders that take liquidity from the Book
	\$0.0030 per share (fee) for orders routed outside the Book to any away market centers
	No fee or credit for Passive Liquidity Orders that provide liquidity to the Book
	\$0.0028 per share (fee) for Passive Liquidity Orders that take liquidity from the Book
	All other fees will be at the existing Tiered and Basic Rates based on the ETP Holders' and Market Makers' qualifying levels]
[Step Up Tier 2:	[Tape A and Tape C Securities:
For ETP Holders and Market Makers on a daily basis, measured monthly, that directly execute	\$0.0029 per share (credit) for orders that provide liquidity to the Book
providing volume that is an increase of no less than 0.10% of US	No fee or credit for Passive Liquidity Orders that provide liquidity to the Book
CADV ³ for that month over ETP Holders' and	\$0.0030 per share (fee) for Passive Liquidity Orders that take liquidity from the Book
Market Makers' average daily	Tape A Securities:
providing volume in June 2011, subject to a minimum increase of 10	\$0.0027 per share (fee) for orders in Tape A securities routed outside the Book to the NYSE
million average daily providing shares:]	Tape B Securities:
	\$0.0028 per share (fee) for orders that take liquidity from the Book
	\$0.0030 per share (fee) for orders routed outside the Book to any away market centers

	No fee or credit for Passive Liquidity Orders that provide liquidity
	to the Book
	\$0.0028 per share (fee) for Passive Liquidity Orders that take
	liquidity from the Book
	All other fees will be at the existing Tiered and Basic Rates
	based on the ETP Holders' and Market Makers' qualifying
	levels]
[Step Up Tier 3:	[Tape A and Tape C Securities:
For ETP Holders and	\$0.0004 per share (credit) for (i) Adding ADV in Tape A
Market Makers on a daily	securities during the billing month taken as a percentage of US
basis, measured monthly,	CADV in Tape A securities in the billing month in excess of the
that directly execute	Baseline % CADV in Tape A securities and (ii) Adding ADV in
Adding ADV during the	Tape C securities during the billing month taken as a percentage of
billing month that is (i) at	US CADV in Tape C securities in the billing month in excess of
least 0.20% of the US	the Baseline % CADV in Tape C securities. This credit shall be in
CADV ³ for the billing	addition to the ETP Holder's or Market Maker's Tiered or Basic
month; (ii) at least	Rate credit(s); provided, however, that such combined credit shall
0.125% taken as a	not exceed \$0.0034 per share.
percentage of US CADV	not exceed \$0.0034 per share.
for the billing month over	If an ETP Holder or Market Maker qualifies for more than one
the ETP Holder's or	Tier in this Fee Schedule, the Exchange shall apply the most
Market Maker's	favorable rate available under such Tiers.
December 2013 Adding	Tavorable rate available under such Tiers.
ADV taken as a	LMMs cannot qualify for the Step Up Tier 3.
percentage of US CADV	Elvivis cannot quanty for the step op the 3.
in December 2013	Retail Order Tier ETP Holders and Market Makers cannot qualify
("Baseline % CADV");	for the Step Up Tier 3.
and (iii) at least 40%	for the step op the 3.
over the ETP Holder's or	LMM provide and Retail Order provide volume cannot apply to
Market Maker's Baseline	the Step Up Tier 3 volume requirements.
% CADV as a percentage	the step op the 5 volume requirements.
of US CADV for the	For all other fees and credits, Tiered or Basic Rates apply based on
billing month:]	a firm's qualifying levels.]
	a min s quantying levels.
[Tape B Step Up Tier:	[\$0.0004 per share (credit) for orders that provide liquidity to the
For ETP Holders and	Book in Tape B Securities, which shall be in addition to the ETP
Market Makers on a daily	Holder's or Market Maker's Tiered or Basic Rate credit(s).
basis, measured monthly,	
that directly execute	Retail Order Tier ETP Holders, Routable Retail Order Tier ETP
providing volume in	Holders, Cross-Asset Tier ETP Holders and Market Makers
Tape B Securities during	cannot qualify for the Tape B Step Up Tier.
the billing month ("Tape	
B Adding ADV") ⁴ that is	
equal to at least 0.275%	If an ETP Holder or Market Maker qualifies for more than one

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of the US Tape B	Tier in this Fee Schedule, the Exchange shall apply the most
CADV ³ for the billing	favorable rate available under such Tiers.
month over the ETP	
Holder's or Market	LMMs cannot qualify for the Tape B Step Up Tier.
Maker's May 2013 Tape	
B Adding ADV taken as	LMM provide volume cannot apply to the Tape B Step Up Tier
a percentage of Tape B	volume requirements.
CADV ("Tape B	
Baseline % CADV")]	For all other fees and credits, Tiered or Basic Rates apply based on
Baseline /0 C/AB v /j	a firm's qualifying levels.]
IT C Stan Ha Tian	1 , 0
[Tape C Step Up Tier:	[\$0.0029 per share (fee) for orders that take liquidity from the
For ETP Holders and	Book in Tape C Securities, and, if a firm's ratio of Tape C
Market Makers on a daily	Baseline ADV to its total Tape C ADV during January 2012 is less
basis, measured monthly,	than 30%, the \$0.0029 rate would only apply to the ETP Holder's
that directly execute	or Market Maker's shares that are executed in an amount up to and
providing volume in	including 1.1% of the US Tape C CADV during the billing month.
Tape C Securities during	The Tier 1, Tier 2, Tier 3, Step Up Tier 1, Step Up Tier 2, or Basic
the billing month ("Tape	Rates per share would apply to the ETP Holder's or Market
C Adding ADV") that is	Maker's remaining shares that are executed, unless the ETP
at least the greater of (a)	Holder's or Market Maker's Tape C Adding ADV is greater than
the ETP Holder's or	its Tape C Baseline ADV by at least 0.33% of the US Tape C
Market Maker's January	CADV during the billing month, in which case the \$0.0029 per
2012 Tape C Adding	share fee would apply to the ETP Holder's or Market Maker's
ADV ("Tape C Baseline	shares that take liquidity.
` *	shares that take inquidity.
ADV") plus 0.10% of US Tape C CADV ³ for the	ETD Holders and Market Makers that qualify for the Petail Order
	ETP Holders and Market Makers that qualify for the Retail Order
billing month or (b) the	Tier, Routable Retail Order Tier or the Routable Order Tier shall
ETP Holder's or Market	not qualify to receive the Tape C Step Up Tier 2 rate.
Maker's Tape C Baseline	
ADV plus 20%, subject	If an ETP Holder or Market Maker qualifies for more than one
to the ETP Holders' and	Tier in this Fee Schedule, the Exchange shall apply the most
Market Makers' total	favorable rate available under such Tiers.
providing liquidity in	
Tape A, Tape B, and	ETP Holders and Market Makers that qualify for the Retail Order
Tape C Securities	Tier or the Routable Order Tier shall not qualify to receive the
increasing in an amount	Tape C Step Up Tier rate.
no less than 0.03% of US	
CADV over their January	For all other fees and credits, Tiered or Basic Rates apply based on
2012 providing	a firm's qualifying levels.]
liquidity:]	
[Tape C Step Up Tier 2:	[\$0.0002 per share (credit) for orders that provide liquidity to the
For ETP Holders and	Book in Tape C Securities, which shall be in addition to the ETP
Market Makers that, on a	Holder's or Market Maker's Tiered or Basic Rate credit(s).
daily basis, measured	S ST TIMES STEELED ST ENGLISH CHARLES
monthly, directly execute	Cross-Asset Tier ETP Holders and Market Makers cannot qualify
Tape C Adding ADV ⁴	for the Tape C Step Up Tier 2.
Tape C Adding AD v	Tor the Tape C Step Op Tiel 2.

during the billing month that is at least 2 million shares greater than the ETP Holder's or Market Maker's Tape C Adding ADV during Q2 2012, subject to the ETP Holder's or Market Maker's combined providing ADV in Tape A, Tape B, and Tape C Securities during the billing month as a percentage of CADV³ being no less than during Q2 2012:1

Cross-Asset Tier 1:

If an ETP Holder or Market Maker qualifies for more than one Tier in this Fee Schedule, the Exchange shall apply the most favorable rate available under such Tiers.

ETP Holders and Market Makers that qualify for the Retail Order Tier, Routable Retail Order Tier or the Routable Order Tier shall not qualify to receive the Tape C Step Up Tier rate.

For all other fees and credits, Tiered or Basic Rates apply based on a firm's qualifying levels.]

For ETP Holders and Market Makers that [either: (1) provide liquidity of 0.40% or more of the US CADV³ per month, and 2) are affiliated with an OTP Holder or OTP Firm that provides an ADV⁴ of electronic posted Customer executions in Penny Pilot issues on **NYSE Arca Options** (excluding mini options) of at least 0.95% of total Customer equity and ETF option ADV as reported by OCC or] ([1]a) provide liquidity of 0.30% or more of the US $CADV^3$ per month, ([2]b) are affiliated with an

OTP Holder or OTP Firm that provides an ADV⁴ of

Customer executions in all issues on NYSE Arca Options (excluding mini

electronic posted

Tape A, Tape B, and Tape C Securities:

\$0.0030 per share (credit) for orders that provide liquidity to the Book

For all other fees and credits, Tiered or Basic Rates apply based on a firm's qualifying levels.

options) of at least 0.80% of total Customer equity and ETF option ADV as reported by OCC, and ([3]c) execute an ADV ⁴ of Retail Orders that provide liquidity during the month that is 0.10% or more of the US CADV: Cross-Asset Tier 2: For ETP Holders and Market Makers that (a) provide liquidity an average daily volume share per month of 0.30% or more of the US CADV ³ and (b) are affiliated with an OTP Holder or OTP Firm that provides an ADV ⁴ of electronic posted executions (including all account types) in Penny Pilot issues on NYSE Arca Options (excluding mini options) of at least 90,000 contracts for the account of a market maker:	Tape A Securities: \$0.0031 per share (credit) for orders that provide liquidity to the Book. Tape B Securities: \$0.0030 per share (credit) for orders that provide liquidity to the Book. \$0.0028 per share (fee) for orders that take liquidity from the Book. Tape C Securities: \$0.0033 per share (credit) for orders that provide liquidity to the Book. \$0.0029 per share (fee) for orders that take liquidity from the Book. \$0.0029 per share (fee) for orders that take liquidity from the Book. For all other fees and credits, Tiered or Basic Rates apply based on a firm's qualifying levels.
Tape B Tier 1: For ETP Holders and Market Makers on a daily basis, measured monthly, that directly execute providing volume in Tape B Securities during the billing month ("Tape B Adding ADV ⁴ ") that is equal to at least 0.40% of US Tape B CADV ³ for	Tape B Securities: \$0.0030 per share (credit) for orders that provide liquidity to the Book. LMMs cannot qualify for the Tape B Tier 1. For all other fees and credits, Tiered or Basic Rate apply based on a firm's qualifying levels.

the billing month over	
_	
the ETP Holder's or	
Market Maker's Q2 2015	
Tape B Adding ADV	
taken as a percentage of	
Tape B CADV ("Tape B	
Baseline % CADV"):	
Tape B Tier 2:	Tape B Securities:
For ETP Holders and	
Market Makers on a daily	\$0.0028 per share (credit) for orders that provide liquidity to the
basis, measured monthly,	Book.
that directly execute	=
Tape B Adding ADV ⁴	LMMs cannot qualify for the Tape B Tier 2.
that is equal to at least	Environment quality for the rupe B fier 2.
0.20% of the US Tape B	For all other fees and credits, Tiered or Basic Rates apply based on
$\frac{6.20\% \text{ of the CS Tape B}}{\text{CADV}^3 \text{ for the billing}}$	a firm's qualifying levels.
_	a min s quamying levels.
month over the Tape B	
Baseline % CADV:	
****	****
[Routable Order Tier:	[Tape A and Tape C Securities:
For ETP Holders,	
including Market	\$0.0032 per share (credit) for Routable and non-Routable Orders
Makers, that 1)	that provide liquidity to the Book.
provide liquidity of	that provide inquirity to the Boom
0.40% or	
more of the US $CADV^3$	For all other fees and credits, Tiered or Basic Rates apply based on
during the billing month	a firm's qualifying levels.]
	a min s quantying levels.
across all Tapes, 2)	
maintain a ratio during	
the billing month across	
all Tapes of executed	
provide liquidity that is	
eligible to route away	
from the Exchange	
("Routable Orders") to	
total executed provide	
liquidity of 75% or more,	
and 3) execute an	
ADV ⁴ of provide	
liquidity during the	
billing month across all	
Tapes that is equal to at	
least the ETP Holder's or	
Market Maker's May	
T IVIAINUL IVIANUL S IVIAV	

2013 provide liquidity	
across all Tapes plus	
40%:]	
Routable Retail Order	
Tier:	****
For ETP Holders,	Tape B Securities:
including Market	
Makers, that 1)	\$0.0030 per share (credit) for Routable and non-Routable Orders
provide liquidity of	that provide liquidity to the Book. An additional credit shall apply
0.20% or	to ETP Holders and Market Makers affiliated with LMMs that
more of the US CADV ³	provide displayed liquidity to the Book based on the number of
	Less Active ETP Securities in which the LMM is registered as the
during the billing month	LMM. The applicable tiered-credits are noted below (See LMM
across all Tapes, 2)	Transaction Fees and Credits).
maintain a ratio during	11 disaction 1 ces and electris).
the billing month across	****
all Tapes of executed	
provide liquidity that is	
eligible to route away	
from the Exchange	
("Routable Orders") to	
total executed provide	
liquidity of 55% or more,	
and (3) execute an ADV ⁴	
of Retail Orders that	
provide liquidity during	
the month that is 0.10%	
or more of the US	
CADV:	
Basic Rates (applicable	****
when tier rates do not	
apply)	Tong D. Cognition
	Tape B Securities:
	\$0.0000 man share (and it) for and and that are side it will be a
	\$0.0020 per share (credit) for orders that provide liquidity to the
	Book. An additional credit shall apply to ETP Holders and Market
	Makers affiliated with LMMs that provide displayed liquidity to
	the Book based on the number of Less Active ETP Securities in
	which the LMM is registered as the LMM. The applicable tiered-
	credits are noted below (See LMM Transaction Fees and Credits).

Lead Market Maker ("LMM") Transaction Fees and Credits

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

NYSE Arca Marketplace Primary Listed Securities (excluding Exchange-Traded Products ("ETPs") in the Incentive Program) ¹¹ \$0.00[35]33 per share (credit) for orders that provide displayed liquidity to the Book in securities for which they are registered as the LMM and which have a CADV³ in the previous month greater than [5]3,000,000 shares

\$0.004 per share (credit) for orders that provide displayed liquidity to the Book in securities for which they are registered as the LMM and which have a CADV in the previous month of between 1,000,000 and [5]3,000,000 shares inclusive

\$0.0045 per share (credit) for orders that provide displayed liquidity to the Book in securities for which they are registered as the LMM and which have a CADV in the previous month of less than 1,000,000 shares

LMMs, and ETP Holders and Market
Makers affiliated with such LMM in Tape B
Securities, will receive an additional credit
for orders that provide displayed liquidity to
the Book in securities for which they are
registered as the LMM and in securities for
which they are not registered as an LMM
based on the number of securities that have a
CADV in the previous month of less than
100,000 shares ("Less Active ETP
Securities"), as follows:

- An additional credit of \$0.0004 per share if an LMM is registered as the LMM in at least 300 Less Active ETP Securities
- An additional credit of \$0.0003 per share if an LMM is registered as the LMM in at least 200 but less than 300 Less Active ETP Securities

	 An additional credit of \$0.0002 per share if an LMM is registered as the LMM in at least 100 but less than 200 Less Active ETP Securities
	The number of Less Active ETP Securities for the billing month will be based on the number of Less Active ETP Securities in which an LMM is registered as the LMM on the last business day of the previous month
	\$0.00[25]28 per share (fee) for orders that take liquidity from the Book
****	****

NYSE ARCA MARKETPLACE: OTHER FEES AND CHARGES

Connectivity Fees

Line Connection	(Variable pass-through charge for each line
	installation)
RealTick Interface	Variable pass-through charge(s) for each
	product requested per workstation.
Port Fee (not applicable to ports used for	
Risk Management Gateway	
("RMG"SM), which are not charged)	
Ports for order/quote entry:	[\$200 per port per month for users of 1-5 ports,] \$[500] 550 per port per month [for users of 6 or more ports], except that no fee shall apply to ports in the backup datacenter that are not utilized during the relevant month, and no fee shall apply to ports in the backup datacenter that are utilized when the primary datacenter is unavailable. If a port in the backup datacenter is utilized when the primary datacenter is available, then the fee
Ports for drop copies:	shall apply. \$[500] 550 per port per month (only one fee per drop copy port shall apply, even if receiving drop copies from multiple

	order/quote entry ports and/or from NYSE Arca Options), except that no fee shall apply to ports in the backup datacenter if configured such that it is duplicative of another drop copy port of the same user
****	****

^{*} No changes are proposed to the text of footnotes 1, 2, 3, 4, 10 or 11 of the Fee Schedule.
