

Martha Redding

Associate General Counsel Assistant Secretary

New York Stock Exchange 11 Wall Street New York, NY 10005 T + 1 212 656 2938 F + 1 212 656 8101 Martha.Redding@theice.com

February 26, 2021

VIA KITEWORKS

U.S. Securities and Exchange Commission Division of Market Regulation Office of Market Supervision 100 F Street, NE Washington, D.C. 20549

Re: Amendments to Form 1

Enclosed please find an amendment to Exhibit F of the Form 1 applications pursuant to Rule 6a-2 under the Securities Exchange Act of 1934 for New York Stock Exchange LLC, NYSE American LLC, NYSE Arca, Inc., NYSE Chicago, Inc., and NYSE National, Inc. (collectively, the "Exchanges").

For Exhibit F, each Exchange is filing an updated complete set of forms pertaining to application for membership, participation, or subscription, and application for approval as an a person associated with a member, participant, or subscriber. More specifically, the Exchanges are each filing an updated Application for Membership which was updated to revise the text within the 'Application Type' section.

If you have questions, please do not hesitate to contact Martha Redding, Associate General Counsel and Assistant Secretary at (212) 656-2938 or martha.redding@theice.com.

Sincerely,

Martha Redding

Enclosures

Form 1 Page 1 Execution Page

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549
APPLICATION FOR, AND AMENDMENTS TO APPLICATION FOR, REGISTRATION AS A NATIONAL SECURITIES EXCHANGE OR EXEMPTION FROM REGISTRATION PURSUANT TO SECTION 5 OF THE EXCHANGE ACT

Date filed (MM/DD/YY):

02/26/21

OFFICIAL USE **ONLY**

WARNING: Failure to keep this form current and to file accurate supplementary information on a timely basis, or the failure to keep accurate books and records or otherwise to comply with the provisions of law applying to the conduct of the applicant

would	INTENTIONAL MISSTATEMEN				
☐ APPLICATION ✓ AMENDMENT					
1. S	State the name of the applicant:	New York Stock Exchange LLC			
2. P	Provide the applicant's primary	street address (Do not us	e a P.O. Box):		
	11 Wall Street, New York, NY 10005				
3. P	Provide the applicant's mailing a	address (if different):		21000155	
4. P	Provide the applicant's busines	s telephone and facsimile	e number: 212-656-8101		
	(Telephone)		(Facsimile)		
5. P	Provide the name, title, and tele	phone number of a conta	•		
	Martha Redding	Assistant Secretary	. ,	212-656-2938	
	(Name)	(Title)		(Telephone Number)	
6. P	Provide the name and address	of counsel for the applica		, , , , , , , , , , , , , , , , , , ,	
	NYSE Holdings LLC				
	11 Wall Street, New York, NY 10005			_	
8. Ir If	other than a sole proprietor, in	t: Corporation Limited Liability Company Idicate the date and place where partnership agreen	e where applicant o		
(c) Statute under which applicant was organized: New York Limited Liability Company Act EXECUTION: The applicant consents that service of any civil action brought by , or notice of any proceeding before, the Securities and Exchange Commission in connection with the applicant's activities may be given by registered or certified mail or confirmed telegram to the applicant's contact employee at the main address, or mailing address if different, given in Items 2 and 3. The undersigned, being first duly sworn, deposes and says that he/she has executed this form on behalf of , and with the authority of , said applicant. The unders igned and applicant represent that the information and statements contained herein, including exhibits, schedules, or other documents att ached hereto, and other information filed herewith, all of which are made a part hereof, are current, true, and complete.					
Date:	02/26/21	New York Sto	ock Exchange LLC	_	
Ву:	(MM/DD/YY) Martha Redding Digitally signed Date: 2021.02	d by Martha Redding -25 17:52:39 -05'00'	(Name of applica	<u>, </u>	
(Signature) (Printed Name and Title) Subscribed and sworn before me this day of , by (Notary Public)					
Му С	ommission expires	County of	State of		
	This page must always be completed in full with original, manual signature and notarization. Affix notary stamp or seal where applicable.				

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C.			
Exhibits Accompanying Amendment			
to			
FORM 1 REGISTRATION STATEMENT			
of			
NEW YORK STOCK EXCHANGE LLC			
February 2021			

EXHIBIT F

ACCOMPANYING AMENDMENT TO FORM 1 REGISTRATION STATEMENT

OF

NEW YORK STOCK EXCHANGE LLC

FEBRUARY 2021

A complete set of the New York Stock Exchange LLC's forms pertaining to application for membership, participation, or subscription, and application for approval as a person associated with a member, participant, or subscriber follows.

This information is publicly available on the Exchange's website at www.nyse.com.

New York Stock Exchange LLC

NYSE American LLC

NYSE Arca, Inc.

NYSE Chicago, Inc.

NYSE National, Inc.

(Collectively, "NYSE" or the "Exchanges")

Application for Membership

INDICATE EXCHANGE(S) FOR WHICH APPLICANT IS SEEKING MEMBERSHIP (CHECK ALL THAT APPLY)					
□New York Stock Exchange LLC	□NYSE Chi	icago	□NYSE National		
□NYSE American	□NYSE Arca				
□Equities	□Equities	s			
□Options	□Options	3			
INDICATE EXCHANGE(S) FOR WHICH AF	PLICANT IS	AN EXISTING	MEMBER (CHECK ALL THAT APPLY)		
□New York Stock Exchange LLC	□NYSE Chi	icago	□NYSE National		
□NYSE American	□NYSE Arc	a			
□Equities	□Equiti				
□Options	□Optior	าร			
INDICATE TYPE OF BUSINESS TO BE CO	ONDUCTED V	WITH THIS APP	PLICATION (CHECK ALL THAT APPLY)		
Equities		Options			
,			d Public Business aker alist/eSpecialist Market Maker ("LMM") uting etary cy		
APPLICATION TYPE					
□ New Membership Applicant: □ Applicant is seeking membership to an NYSE Exchange and is not currently a member of any NYSE Exchange □ Applicant is a member of an NYSE Exchange and is seeking to add a new type of business** Applicant must submit this completed Application and ALL applicable materials identified in Checklist 1.					
□Supplemental Membership Applicant: Applicant is an approved member of at least one NYSE Exchange and is seeking membership to another NYSE SRO to conduct the same business they are currently approved to conduct					
Applicant must submit this completed Application and <u>ALL</u> applicable materials as outlined in Checklist 2.					

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^{*} Applicants seeking to conduct Market Maker activities may also be required to submit an additional *Application for Market Maker Registration*. Not all Market Maker programs are available on all Exchanges.

^{**} Equity Floor Broker and Options Floor Broker businesses are separate and distinct. An Equity Floor Broker applying to conduct business as an Options Floor Broker, and vice versa, is considered a New Membership Applicant.

APPLICATION PROCESS

Filing Requirements

Prior to submitting the Application for Membership ("Application") to become a member of an NYSE SRO ("Member"), an Applicant must file a Uniform Application for Broker-Dealer Registration (Form-BD) with the Securities and Exchange Commission and register with the FINRA Central Registration Depository ("Web CRD").

Checklists

Applicant should consult the applicable Checklist(s) to determine any additional materials and Exhibits required to be submitted with the Application.

Application Submission

Application and supplemental materials should be sent electronically to crs@nyse.com.

Note: All application materials sent to NYSE will be reviewed by NYSE's Client Relationship Services ("CRS")
Department. Applications accompanied by supplemental documentation are submitted to FINRA, who also performs a review of the materials and provides the application approval recommendation. All applications are deemed confidential and are handled in a secure environment. Either CRS or FINRA may request that applicants submit documentation in addition to what is listed in the Application Checklist during the application review process, pursuant to Exchange rules. If you have questions regarding the Application, you may direct them to CRS at crs@nyse.com or (212) 896-2830.

NYSE will promptly notify the Applicant, in writing, of the Membership decision.

In the event an Applicant is disapproved for membership, the Applicant has an opportunity to be heard upon the specific grounds for the disapproval, in accordance with the provisions of applicable Exchange rules.

SECTION 1 – ORGANIZATIONAL PROP	FILE				
Date:	_ SEC #:	CRD #:			
LEI#:	_ MPID:				
GENERAL INFORMATION					
Name of Applicant Broker-Dealer:	Name of Applicant Broker-Dealer:				
Business Address:					
City:	State:	Zip Code:			
Business Phone:	Website:				
CONTACT INFORMATION					
Contact Name:	Title:				
Phone:	Contact Email:				
Billing Contact Name:	Title:	<u> </u>			
Billing Contact Phone:	Billing Contact En	nail:			
Please identify personnel who hold the					
functional equivalent of such position, communications pertaining to our mar		y the Applicant) and who will receive			
Chief Executive Officer ("CEO")					
Name:		CRD:			
Phone:		Email:			
Chief Financial Officer ("CFO")					
Name:		CRD:			
Phone:		Email:			
Head Trader					
Name:		CRD:			
Phone:		Email:			

SECTION 2 - STATUTORY DISQUALIFICATION ("SD") DISCLOSURE

Pursuant to the Securities Exchange Act of 1934, as amended (the "Act"), NYSE may deny (or may condition) trading privileges or may bar a natural person from becoming associated (or may condition an association) with a Member for the same reasons that the Securities and Exchange Commission may deny or revoke a broker-dealer registration under the Act. The Act provides for SD if a person has:

- Been expelled, barred or suspended from membership in or being associated with a member of a self-regulatory organization;
- Had broker, dealer or similar privileges denied or suspended or caused such denial or suspension of another;
- Violated any provision of the Act; or

 Been convicted of a theft or securities related misdemeanor applying for membership status or becoming an Associated 				
□Check here if you DO NOT have person(s) associated with the Ap	plicant who is or may be subject to SD			
□Check here if you DO have person(s) associated with the Applicar	nt who is or may be subject to SD*			
Please identify any such person(s) associated with the Applicant wany such person(s) who are associated with the Applicant and who hassociation by another SRO due to a SD.				
Attach a sheet identifying any such person(s), including the following	ered individuals, this should include a statement s, funds or securities); and			
On behalf of				
Authorized Signatory of the Firm	Date			
Print Name of Authorized Signatory of the Firm	Title			

Each Applicant must identify the person(s) that is a member, partner, director, or officer exercising executive responsibility (or having similar status or functions) for supervising an Authorized Trader(s) as defined in applicable Exchange rules. New Membership Applicants must provide a copy of their Written Supervisory Procedures ("WSPs") with their Application. Name and title of person responsible for maintaining WSPs: PRINCIPAL REGISTRATION Registration requirements for principals are outlined in New York Stock Exchange Rule 1220, NYSE American Rule 2.1210. NYSE Arca Rule 2.1220. NYSE National Rule 2.2120 and NYSE Chicago Article 6. Rule 14. Each principal must be registered through the FINRA Web CRD. Please provide information on Applicant's designated principals below. Financial and Operations Principal (Series 27) or Introducing Broker-Dealer Financial and Operations Principal (Series 28) Name: Phone: Email: Designated Principal Operations Officer* (Series 27) or Introducing Broker-Dealer Financial and Operations Principal (Series 28) Person with primary responsibility for the day-to-day operations of the business _____CRD: Name: Phone: Email: Designated Principal Financial Officer* (Series 27) or Introducing Broker-Dealer Financial and Operations Principal (Series 28) Person with primary responsibility for financial filings and those books and records related to such filinas Name: CRD: Phone: Email: Chief Compliance Officer ("CCO")** (Series 24 or Series 14 and registered as "CR") CRD: Name: Phone: Email: * An Applicant that self-clears, or that clears for other firms, shall be required to designate separate persons to function as Principal Financial Officer and Principal Operations Officer. ** The CCO of an Applicant engaged in limited securities business may be registered in a principal category under NYSE SRO rules that corresponds to the limited scope of the Applicant's business. NYSE Chicago Voting Designee per Article 3, Rule 14(a) and (b) (if applicable) Note: The Voting Designee must be a general partner, managing member or principal officer of the firm. Name: Phone: Email: Signature of Voting Designee:

SECTION 3 – SUPERVISION

SECTION 4 - MEMBERSHIP AGREEMENT
Applicant agrees to abide by the Rules of all applicable Exchanges, as amended from time to time, and all circulars, notices, interpretations, directives or decisions adopted by the applicable Exchanges.
Applicant authorizes any SRO, commodities exchange, governmental agency or similar entity to furnish to NYSE, upon its request, any information that such person may have concerning the ability, business activities, and reputation of Applicant or its associated persons, and releases such person or entity from any and all liability in furnishing such information. Applicant authorizes NYSE to make available to any governmental agency, SRO, commodities exchange or similar entity, any information it may have concerning the Applicant or its associated persons and releases the NYSE from any and all liability in furnishing such information.
Applicant acknowledges its obligation to update any and all information contained in any part of this application, including termination of membership with another SRO, which may cause a change in the Applicant's DEA. Applicant understands that in such event, additional information may be required by the NYSE.
Applicant Firm Name

Date

Title

Authorized Signatory of the Firm

Print Name of Authorized Signatory of the Firm

APPLICATION CHECKLIST 1 New Membership Applicant				
□ NYSE Application for Membership (Sections 1-4)				
☐ Application for Market Maker Registration (if applicable) https://www.theice.com/publicdocs/nyse/markets/nyse/Application_for_Market_Maker_Registration.pdf				
□ DEA Applicants only: Exhibit 1				
Application Fee* (if applicable):				
□ New York Stock Exchange LLC				
□ NYSE Chicago, Inc.				
☐ Signed Master User Agreement: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE Master User Agreement.pdf				
Signed Clearing Letter of Consent, if Applicant is not self-clearing:				
☐ Equities: https://www.nyse.com/publicdocs/nyse/markets/nyse/Equity_Clearing_Letter_of_Consent.pdf				
□ Options: https://www.nyse.com/publicdocs/nyse/markets/american-options/Options Clearing Letter of Consent.pdf				
☐ Form BD, including Schedules & Disclosure Reporting. Pages must be up to date on FINRA's Web CRD.				
Form U-4 and Fingerprint cards for the following individuals, to be submitted directly to FINRA if not currently available on Web CRD:				
☐ Designated supervisors and principals Financial Documentation:				
 Four (4) most recent FOCUS Reports and the most recent Audited Financial Statements Most recent Balance Sheet and Capital Computation 				
☐ Six-month Profit/Loss Projection				
☐ Completed Financial Disclosure Questionnaire, Exhibit 2				
☐ All examination reports and corresponding responses from the Applicant for the last two examinations				
Organizational Documents:				
☐ Articles of Incorporation and Bylaws; Partnership Agreement; Limited Liability Company ("LLC") Agreements; Operating Agreement; or similar documentation				
□ Organization chart showing:				
 all entities controlling, controlled by or under common control with Applicant indicating the percentage ownership of Applicant by each direct and indirect parent 				
 identifying any individuals or trusts that individually or collectively own or control, directly or indirectly, 25% or more of Applicant 				
☐ Copy of Written Supervisory Procedures and, if separate, Anti-Money Laundering Procedures and Insider Trading Act Procedures				
□ Additional Exchange-Specific Requirements, if applicable (see Application Checklist 3)				

^{*} Contact CRS for additional details on payment

Supplemental Membership Application
□ Application for Membership (Sections 1-4)
☐ Application for Market Maker Registration (if applicable) https://www.theice.com/publicdocs/nyse/markets/nyse/Application_for_Market_Maker_Registration.pdf
Application Fee* (if applicable):
□ New York Stock Exchange LLC
□ NYSE Chicago, Inc.
☐ Master User Agreement: https://www.nyse.com/publicdocs/nyse/markets/nyse/NYSE Master User Agreement.pdf
Signed Clearing Letter of Consent, if Applicant is not self-clearing:
□ Equities: https://www.nyse.com/publicdocs/nyse/markets/nyse/Equity Clearing Letter of Consent.pdf
□ Options: https://www.nyse.com/publicdocs/nyse/markets/american-options/Options Clearing Letter of Consent.pdf
☐ Form BD, including Schedules & Disclosure Reporting. Pages must be up to date on FINRA's Web CRD.
☐ Form U-4 and Fingerprint cards for designated supervisors and principals to be submitted directly to FINRA if not currently available on Web CRD
□ Organization chart showing:
 all entities controlling, controlled by or under common control with Applicant indicating the percentage ownership of Applicant by each direct and indirect parent identifying any individuals or trusts that individually or collectively own or control, directly or indirectly, 25% or more of Applicant
APPLICATION CHECKLIST 3
Additional Exchange Specific Requirements for new applicants or as applicable
New York Stock Exchange LLC
☐ AP Form for all non-natural persons seeking Approved Person status. https://www.theice.com/publicdocs/nyse/markets/nyse/NYSE_AP_Form.pdf
☐ U-4 "AP" Registration for all natural persons seeking Approved Person status.
□ Exhibit 3
NYSE American
☐ AP Form for all non-natural persons seeking Approved Person status. https://www.theice.com/publicdocs/nyse/markets/nyse/NYSE AP Form.pdf
☐ U-4 "AP" Registration for all natural persons seeking Approved Person status.
NYSE Arca

☐ AP Form for all non-natural persons seeking Approved Person status. https://www.theice.com/publicdocs/nyse/markets/nyse/NYSE AP Form.pdf

☐ U-4 "AP" Registration for all natural persons seeking Approved Person status.

APPLICATION CHECKLIST 2

^{*} Contact CRS for additional details on payment.

Application for Membership

Exhibits

EXHIBIT 1 - DEA REQUIREMENTS

ITSFEA COMPLIANCE ACKNOWLEDGMENT

This form should be completed by a Director, Officer, General Partner or other individual responsible for ensuring that the Broker-Dealer's ITSFEA Compliance Procedures are followed. In the future, this certification must be

Broker-Dealer:	
SEC #	
The undersigned states and certifies as follows:	
t is understood that should any Director, Officer, General Partner Rules) of the Broker-Dealer acquire material, non-public information raded, it may be a violation of the Exchanges' Rules and federal securities issued by the corporation, or any options or other deriver emains non-public.	a concerning a corporation whose securities are publicly securities laws to misuse such information or trade any
t is further understood that should any Director, Officer, General Panaterial, non-public information concerning the market in a secure exchanges' Rules and federal securities laws to make improper usecurity, group of securities or any option or other derivative based	rity or group of securities, it may be a violation of the se of such information in connection with trading in the
t is also understood that it may be a violation of the Exchanges' Ruperson or entity any non-public, material corporate or market inforn security or group of securities.	ules and federal securities laws to disclose to any other
Additionally, the Broker-Dealer represents that it has established wri of material non-public information by the Broker-Dealer or by ar Partners or Associated Persons, taking into consideration the natur	ny of the Broker-Dealer's Directors, Officers, General
The individual(s) responsible for overseeing and supervising to Compliance procedures has reviewed (or supervised the review of any outside brokerage securities accounts of Directors, Officers, Broker-Dealer, in accordance with the specific provisions (including) the Broker-Dealer's proprietary, error account(s), and General Partners, and Associated Persons with the
the firm's written ITSFEA compliance procedures. Based upon the assessment of the adequacy of those procedures carrying out those procedures (except as to any securities transformation which already have been reported to NYSE), there is no General Partner, or Associated Persons of the Broker-Dealer has non-public information, or may otherwise be in violation of the Exchange.	sactions involving the possible misuse of non-public o reasonable cause to believe that any Director, Officer, misused, made improper use of, or disclosed material
Accepted on behalf of Applicant:	
Authorized Signatory of the Firm	Date
Print Name of Authorized Signatory of the Firm	Title

EXHIBIT 2 - FINANCIAL DISCLOSURE QUESTIONNAIRE					
SOURCE OF CAPITAL					
Explain the source of Applicant's capital:					
PROPRIETARY ACCOUNTS OF INTROD	UCING BROKER-DEALERS ("PAIB")				
Does Applicant hold a PAIB? ☐ Yes*	□ No				
* An introducing Broker-Dealer must notify its DEA in writing when it has entered into a PAIB Agreement with a clearing Broker-Dealer regarding the net capital treatment of assets held in proprietary accounts. Assets (cash and securities) held in trading accounts without a PAIB Agreement are considered to be non-allowable in the computation of net capital under SEC Rule 15c3-1. If you are applying for DEA, please enclose a copy of all PAIB Agreements you have entered into with a clearing broker-dealer.					
SUBORDINATED LOANS					
Have any subordinated loans been made t	o Applicant?				
☐ Yes (explain below)	□ No				
FINANCIAL OR CONTROLLING INTERE	STS				
Does the Applicant have a financial or contownership, through outstanding loans, or obusiness?					
☐ Yes (explain below)	□ No				
FINANCIAL ARRANGEMENT					
Does the Applicant have a financial arrang	ement with any other Broker-Dealer?				
☐ Yes (explain below)	□ No				
Type of arrangement:	☐ Direct Equity Investment	☐ Any consideration over \$5,000			
	□ Profit Sharing	☐ Direct Financing			
	□ Other				
Terms of Arrangement (include the names of all participants in the arrangement, and the nature and terms of the arrangement):					

EXHIBIT 2 - FINANCIAL DISCLOSURE QUESTIONNAIRE (continued)					
OUTSTANDING DEBT (Check all that apply)					
Does the Applicant owe money to any of the following?					
☐ Any NYSE Exchange member firm					
☐ Any other national securities or commodities exchange or national securities association					
☐ Any member of any other national securities or commodities exchange or national securities association					
If yes, explain below to whom the money is owed and the dollar amount. Attach a copy of arrangements made for repayment of this debt and evidence of an agreement of repayment.					
Does Applicant engage or plan to engage in "Program Trading"?	□ Yes	□ No			
Does Applicant currently (or does it plan to) consolidate computations of net capital and aggregate indebtedness for any subsidiary or affiliate, pursuant to Appendix C to SEC Rule 15c3-1? ☐ Yes ☐ No					
(If yes, Applicant must provide financial information for the consolidated subsidiary or affiliate and identify the specific nature of the relationship (e.g., guaranteed, non-guaranteed).					
Does Applicant now have, or anticipate during the course of the application process having, a pending application with any SRO regarding a change in ownership, control or business operations? If so, please explain:					

	☐ If not already an approved New York Stock Exchange Member, provide a written description of the following:				
	 Principal activities of each affiliate (including parent, subsidiary organizations, and other entities under common control), 				
	 The nature of the affiliation with Applicant Firm (e.g., parent, subsidiary), and 				
	•	The type of business relationships between the Applicant Firm and the	ne affiliates		
		blicable, identify any principal executives or supervisory personnel of Applicant Firm that are part-time or dually byed and include the following information for each individual:			
	•	Nature of their activities with Applicant Firm			
	 Nature of their outside business activities and the amount of time per week devoted to each of the individual's activities 				
	•	Any additional documentation that would be pertinent to these activities	es or the NYSE	E's review of these	
	Organization	onal Documents should incorporate required provisions, as applicable,	per New York	Stock Exchange LLC	
	•	Rule 313.22 – Provisions concerning redemption or conversion			
	 Rule 4120 – Regulatory Notification and Business Curtailment ("Termination Language") 				
	owing quest		d Business, pl	ease answer the	
	A. EQUIT	Y FLOOR BROKER BASED BUSINESS			
cus	stomers? ("P	intend to accept orders on the floor over the telephone from public rublic customers" relate to non-broker/dealers, including institutional ters.) (Information Memos 07-43 and 07-44)	□ Yes	□ No	
Info	o Memo 07-4	13 can be found here:			
	https://www.nyse.com/publicdocs/nyse/markets/nyse/rule-interpretations/2007/07- 43.pdf				
Info	o Memo 07-4	14 can be found here:			
	ps://www.nys 14.pdf	se.com/publicdocs/nyse/markets/nyse/rule-interpretations/2007/07-			
		met the Exchange's requirement to establish floor commission billing is retain records for six years? (See New York Stock Exchange LLC	□ Yes	□ No	

EXHIBIT 3 REQUIREMENTS FOR NEW YORK STOCK EXCHANGE LLC APPLICANTS ONLY

Rules 301(e)(1), 353, and 440l)

A. EQUITY FLOOR BROKER BASED BUSINESS (Continued)				
Who is the person responsible for supervision of all floor employees of Applicant? (See New York Stock Exchange LLC Rules 342 and 3110)				
Please provide that person	's full contact information, name, to	elephone number, mailing	address and ema	ail address
Contact Name:				
Mailing Address:				
Phone:	Email:			
Does Applicant maintain e	rror and investment accounts?		□ Yes	□ No
If yes, please indicate the account name and number of the error and investment accounts. (A New York Stock Exchange LLC member organization may have more than one error account, but it may maintain only one error account for Floor-related errors.) (See New York Stock Exchange LLC Rules 18, 123(e), 134, 411 & 407A, Member Education Bulletin 2011-5 and Information Memo 07-72). Member Education Bulletin 2011-5 can be found here: https://www.nyse.com/publicdocs/nyse/markets/nyse/rule-interpretations/2007/07-72.pdf Information Memo 07-72 can be found here: https://www.nyse.com/publicdocs/nyse/markets/nyse/rule-interpretations/2007/07-72.pdf				
Account Name: Account #:				
Account Name: Acc		Account #:		
Account Name: Account #:				
Do Applicant's floor employees maintain their own personal brokerage accounts? (See New York Stock Exchange LLC Rule 407A). If yes, Applicant Firm should list the account name and number of each such account below?			□ Yes	□ No
Account Name:		Account #:		
Account Name: Account #:				
Account Name: Account #:				

If Applicant is seeking to conduct off-floor business activities from its booth premises, otherwise known as "Blue Line" business, please address the following items:

B. NEW YORK STOCK EXCHANGE BLUE LINE BUSINESS

- 1. Describe in detail the business plan for conducting upstairs business from the NYSE Trading Floor. Be sure to include the following:
 - a. How does the firm plan to separate this upstairs business from on floor business?
 - b. How will the firm protect customer information?
- 2. Provide the Clearing Arrangement and separate Error Account information for this business.
- 3. Provide name and CRD# of individual(s) who will be handling this upstairs business from the NYSE Trading Floor? Ensure the individual(s) hold the appropriate registrations for doing this business.
- 4. Provide name of individual(s) who will be supervising the Blue Line activity for the firm? Ensure the individual(s) hold the appropriate registrations for doing this business.
- 5. Provide amended WSPs to reflect the Blue Line procedures.

Refer to NYSE Rule 54, NYSE Rule 70.40 and NYSE Information Memo # 07-77 regarding guidelines for updating Written Supervisory Procedures (WSPs): https://www.nyse.com/publicdocs/nyse/markets/nyse/rule-interpretations/2007/07-77.pdf

New York Stock Exchange LLC NYSE American LLC NYSE Arca, Inc. NYSE National, Inc.

(Collectively, "NYSE" or the "Exchanges")

Application for Market Maker* Registration

* Includes Market Maker, Lead Market Maker ("LMM"), Designated Market Maker ("DMM"), Electronic Designated Market Maker ("eDMM"), Specialist and Electronic Specialist ("eSpecialist")

INDICATE EXCHANGE(S) FOR WHICH APPLICANT IS SEEKING MARKET MAKER MEMBERSHIP (CHECK ALL THAT APPLY)		
□New York Stock Exchange LLC	□NYSE American	
□NYSE Arca	□NYSE National	
INDICATE TYPE OF MARKET MAKING TO BE CONDU	CTED WITH THIS ADDITION	
(CHECK ALL THAT APPLY)	CTED WITH THIS AFFLICATION	
Equities	Options	
□New York Stock Exchange LLC □Designated Market Maker	□NYSE American □Options Market Maker □Options Specialist □Options eSpecialist	
□NYSE American □Equity Market Maker □Electronic Designated Market Maker	□NYSE Arca □Options Market Maker □Options Lead Market Maker	
□NYSE Arca □Equity Market Maker □Equity Lead Market Maker □NYSE National		
□Equity Market Maker		

SECTION 1 – ORGANIZATIONAL PROFILE				
Date:	SEC #:	(CRD #:	
LEI #:				
GENERAL INFORMATION				
Name of Applicant Broker-Dealer:				
Business Address:				
City:		State:	Zip Code:	
Business Phone:		Website:		
CONTACT INFORMATION				
Contact Name:		_ Title: _		
DI.		Contact Email:		
Billing Contact Name:		_ Title: _		
Billing Contact Phone:		Billing Contact Email: _		
SECTION 2 – NET CAPITAL				
Amount:	As of Date:	Focus Report	Line Item:	
Source of Net Capital (check all that apply):				
☐ Long Proprietary Positions	☐ Interest/Divid	ends/Commissions	☐ Secured Demand Note	
☐ Subordinated Loan	☐ Clearing/God	od Faith Deposits	□ Cash	
Other:				
SECURITIES				
List the number of securities for which your firm requests approval:				

SECTION 3 – OTHER AFFILIATIONS
Is the Applicant a Dealer/Specialist or Market Maker on another registered national securities exchange(s) or association? If yes, please provide the relevant information below.
□ Yes □ No
SRO:
Operating Capacity:
List Securities
SRO:
Operating Capacity:
List Securities
SRO:
Operating Capacity:
List Securities

SECTION 4 - REQUIRED ACKNOWLEDGEMENT

The undersigned, applying for registration as a Market Maker, accepts full responsibility for having knowledge of and adhering to all rules and regulations governing the the applicable Exchanges. The undersigned acknowledges the following requirements:

- Maintain the net capital requirements as prescribed by SEC Rule 15c3-1, whichever is greater. The net capital requirements apply only to the registered market maker/specialist rather than to each individual market maker/specialist.
- 2. Provide monthly financial statements consisting of FOCUS Form X-17A-5 to FINRA for Market Maker capital compliance review.
- 3. Provide detailed financial reports and such other operational reports to FINRA as it may require.
- 4. Disclose promptly any material change in financial or operational condition, or in personnel in accordance with the rules and procedures of the applicable Exchanges.
- 5. Establish, maintain, and enforce written procedures to supervise the business in which it engages and to supervise the activities of its associated persons that are reasonably designed to ensure compliance with applicable federal securities laws and regulations of the applicable Exchanges. Such written procedures shall at all times be available for inspection by FINRA or Exchange staff.

AUTHORIZED ACKNOWLEDGEMENT OF 1	THE CONTENTS	3 HEREIN
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AUTHORIZED ACKNOWLEDGEMENT OF THE CONTENTS HEREIN			
	behalf of the Applicant are complete and agrees to update by all rules of the applicable Exchanges, as may be amended		
Authorized Signatory of the Firm	Date		
Print Name of Authorized Signatory of the Firm	Title		

AP	APPLICATION CHECKLIST			
	NYSE Application for Membership (including all supplemental documents if required)			
	Application for Market Maker Registration			
	Most recent Focus Report			
	Application for Individual Registration or NRF Designation for each individual Market Maker			
	Form U4 and fingerprint cards for each individual Market Maker are available on Web CRD			
	Market Maker Orientation Acknowledgement for individual Equity Market Maker			

EXCHANGE-SPECIFIC REQUIREMENTS			
New York Stock Exchange LLC DMM Applicants			
□ 1017 filing with FINRA			
□ 123 CAP E Agreement			
□ DLE Agreement			
□ Rule 98 - Operation of a DMM Unit must be addressed within firm's Written Supervisory Procedures			
□ Rule 103.20 - Net Capital Requirements and DMM Capital System (FINRA provides details to firm)			
□ Compliance Officer of DMM Unit must hold the Series 14a exam and have the CF Registration on Web CRD			
☐ Firm to provide Reg SHO compliance			
□ 15c3-5 - DMM GUI must accurately handle these requirements			
NYSE Arca LMM Applicants			
☐ Approved LMMs must confirm in writing that they have tested and are able to maintain continuous two-sided quotes.			

Approved Person ("AP") Form

New York Stock Exchange LLC, NYSE American LLC, NYSE Arca, Inc.

This Form is to be completed by an entity registering as an "approved person" with New York Stock Exchange LLC, NYSE American LLC and/or NYSE Arca, Inc. (Collectively, "NYSE" or the "Exchanges")

Instructions

Prior to completing this AP Form ("Form"), the entity registering as an "approved person" ("Applicant") should be familiar with the rules of the Exchanges, as relevant, particularly those rules relating to approved persons, ("Approved Person") including but not limited to NYSE Rule 2, NYSE Rule 304, NYSE American Rule 310, NYSE American Rule 311, NYSE Arca Rule 2.4 and 2.14.

- A copy of the completed Form must be retained by the Applicant and the member organization with which the Applicant is or will be associated ("Member Organization").
- To the extent necessary, provide additional information via a separate attachment referencing the section and question to which the additional information applies.
- The list of Approved Persons must be kept up-to-date with the relevant Exchange(s) and FINRA.
 - A new Form should be completed upon the occurrence of a change (e.g., a change in ownership, a new Approved Person).
 - The elimination of an existing Approved Person should be provided to the relevant Exchange(s) and FINRA in writing (email is acceptable).
 - Notification of changes should be provided to the relevant Exchange(s) (crs@nyse.com) and FINRA (pendingmember@finra.org) within 30 days.

For Applicants associated with firms <u>seeking</u> Exchange membership, please email a signed and completed copy of the Form to Client Relationship Services at <u>crs@nyse.com</u>.

For Applicants associated with <u>existing</u> Exchange member organizations, please email a signed and completed copy of the Form to FINRA, Credentialing, Registration, Education and Disclosure Department at <u>pendingmember@finra.org</u>.

Section	n I			
Exchan	ge Registration(s) applying for: NYSE NYSE NYSE American NYSE Arca			
1.	Name of the AP Applicant Entity: Web CRD#:			
2.	Name of the Member Organization or pending Member Organization with which the AP Applicant is or will be associated:			
	Member Organization: Web CRD#:			
3.	 Approved Person status is requested pursuant to the rules of the relevant Exchange(s) because the Applicant: controls the Member Organization is engaged in a securities or kindred business and is controlled by the Member Organization is a U.S. registered broker-dealer and is under common control with the Member Organization 			
4.	4. Is the applicant subject to a <i>Statutory Disqualification</i> – as the term is defined in Section 3(a)(39) of the Securities Exchange Act of 1934?			
	☐ Yes ☐ No			
	If an Applicant or any person associated with the Applicant, subsequently become subject to a <i>Statutory Disqualification</i> after initial approval, this information must promptly be communicated to the relevant Exchange(s) by sending notification to FINRA at disclosurerevieworg@finra.org .			

Se	ction II
1.	Address of Applicant's principal place of business (complete address of actual location):
2.	Date and place of incorporation or jurisdiction under the laws of which Applicant was formed:
3.	Indicate whether the Applicant has operated under any other names and identify all such names:
Se	ction III
00	
Ву	signing below, the Applicant represents and acknowledges the following:
agr Org and the	e Applicant is not relying upon the Exchange(s) to provide any information concerning or relating to the Member Organization and ees that the Exchange(s) has(ve) no responsibility to disclose to the Applicant any information concerning or relating to the Member panization that it may have now or obtain at any future time. The Applicant agrees for itself, its personal representatives, successors assigns that neither the Exchange(s), nor any investor, officer, trustee, agent, nor employee of said Exchange(s) shall be liable to Applicant with respect to the Applicant's investment or interest in the Member Organization or with respect to any repayment of any h investment or interest.
inv	understood that the statements made in connection with this Form will be relied upon by the Exchange(s) and may be verified by estigation. The Applicant declares that all such statements are true, complete, current and accurate. It is also recognized that the change(s) reserves the right to request additional information.
	Applicant undertakes and agrees to subject itself to the jurisdiction of the Exchange and to abide by such provisions of the Rules of Exchange(s) as would at any time apply to an Approved Person as such term is defined in the Rules of the Exchange(s).
and dea the am dea	Applicant hereby agrees to comply with the relevant provisions of the Securities Exchange Act of 1934, as amended, and the Rules Regulations thereunder, and to furnish said Exchange(s) with such information with respect to the Applicant's relationship and alings with its affiliated Member Organization as the Exchange(s) may require, to supply the Exchange(s) with information relating to existence of any "statutory disqualification" (as such term is defined in Section 3(a)(39) of the Securities Exchange Act of 1934, as ended) to which the Applicant or any person associated therewith may be subject, to permit examination by the Exchange(s) or its ignee of Applicant's books and records in order to verify the accuracy of the aforesaid information, and to subject itself to and abide the Exchange's(s') disciplinary authority.
ass	olicant represents that except as is specifically indicated on this form or any supplement thereto, neither it nor any person sociated therewith is subject to a statutory disqualification as defined in Section 3(a)(39) of the Securities Exchange Act of 4, as amended.
full	olicant covenants and agrees that the foregoing statements, warranties, representations and undertakings will continue to apply with force and effect notwithstanding that the Member Organization may have changed its name or form of organization, or legal status that retained its same SEC Broker Dealer number) unless Applicant shall have otherwise notified the Exchange(s), in writing.
	Authorized Signatory of the Firm Date
	Print Name of Authorized Signatory of the Firm Title
	CRD# (If Applicable)

New York Stock Exchange LLC NYSE American LLC NYSE Arca, Inc. NYSE Chicago, Inc. NYSE National, Inc.

(Collectively, "NYSE" or the "Exchanges")

Application for Individual Registration or Non-Registered Associated Persons ("NRF") Designation

APPLICATION FOR INDIVIDUAL REGISTRATION OR NRF DESIGNATION

Individual Registration

To be eligible for registration as defined in Exchange rules, an individual must (i) successfully complete the required examination(s), (ii) complete this Exchange application and any required Orientation Program, and (iii) submit a Form U4 and fingerprint card to Web CRD requesting the appropriate designation with the NYSE Exchange(s).

NRF Designation

To be designated as an NRF, employees and associated persons of a member organization are not required to register with the Exchange(s), but must (i) complete this Exchange application and (ii) submit a fingerprint card to Web CRD.

INDICATE REGISTRATION or NRF DESIGNATION INDIVIDUAL IS SEEKING (CHECK ALL THAT APPLY)			
Equities	Options		
 □ New York Stock Exchange LLC □ ME - Designated Market Maker (Series 19 & DMM exam) □ ME - Floor Broker (Series 19) □ FL - Floor Clerk (Series 19) □ FE - Floor Employee 	 □ NYSE American □ OM - Market Maker (Series 57) □ OM - Floor Broker (Series 57) □ OM - Specialist/eSpecialist (Series 57) □ FE - Floor Employee □ Office Nominee (NRF) 		
 □ NYSE American □ MT - Market Maker Authorized Trader (Series 57)* □ MT - Electronic Designated Market Maker (Series 57) 	 □ NYSE Arca □ OM - Market Maker (Series 57) □ OM - Floor Broker (Series 57) □ OM - LMM (Series 57) □ FE - Floor Employee 		
 □ NYSE Arca □ MT - Market Maker Authorized Trader (Series 57)* □ MT - Lead Market Maker (Series 57)* 			
□ NYSE National □MT - Market Maker Authorized Trader (Series 57)*			
 □ NYSE Chicago □ ME - Institutional Broker (IBR Exam + GS, TD or AR registration) □ Clerk (NRF) □ Voting Designee (NRF) 			

August 2020

^{*}Completed and signed Market Maker Orientation to be submitted

INDIVIDUAL APPLICANT INFORMATION			
Applicant Name:	CRD:		
Title/Trading Floor Position:	DOB:		
Phone:	Email:		
MEMBER ORGANIZATION INFORMATION			
Member Organization Name:	CRD:		
Primary Contact Name:	Title:		
Phone:	Email:		
APPLICATION CHECKLIST			
A Form U4 requesting appropriate registrations have be (See above for appropriate registration type for busines Yes N/A (Individual is an NRF) Does individual have any reportable events on Form U4 Yes No N/A (Individual is an NRF)	ss activity.) 4 Web CRD?		
Individual has passed or been granted a waiver of the required examination Yes N/A (No exam requirement) A Fingerprint Card is available on Web CRD			
☐ If applicable, Market Maker Orientation has been completed and is attached			

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TO BE COMPLETED BY INDIVIDUALS REQUIRING PHYSICAL ACCESS TO THE FACILITIES OF THE EXCHANGE(S)						
 New York Stock Exchange LLC Equity Floor NYSE American Options Floor NYSE Arca Options Floor 		Expected start date: (if known)				
Position / Reason for access to the	e Trading Floor:					
Badge # (if applicable):						
Will individual require a Clerk Logon ID?			Yes		No	
Is individual currently active on the Exchange Trading Floor?			Yes		No	
If no, has individual ever been active on the Exchange Trading Floor in the past?			Yes		No	
Enter the last date individual was a Trading Floor:	active on the					
New or returning NYSE Floor Brokers, DMMs and Clerks have completed NFOP in last 6 months?			Yes		No	
				,		
AUTHORIZED ACKNOWLEDGE	MENT					
I authorize NYSE and its affiliates to give any information they may have concerning me to any employer or prospective employer, any federal, state, or municipal agency, or any other SRO, and I release the Exchange, its affiliates and any person acting on their behalf from any and all liability of whatever nature by reason of furnishing such information.						
I affirm my obligation to abide, in fand disciplinary jurisdiction and the					s) and s	ubject to its regulatory
I swear or affirm that I have read a and complete to the best of my kn		items aı	nd instructio	ons on this fo	rm and	that my answers are true
Applicant Signature:				D	ate:	
Member Organization Acknowle	dgment					
Authorized Signatory of Firm:						
Print Name:				D	ate:	

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NYSE Master User Agreement

NYSE USER AGREEMENT							
Several NYSE Entities operate markets for options and equities (each, a "Platform"). This User Agreement is made between the NYSE Entity(ies) indicated for the Platform selected below ("NYSE") and the User, as identified below.							
Platform:	NYSE Entity(ies)						
☐ NYSE Arca Equities	NYSE Arca, LLC						
☐ New York Stock Exchang	ge New York Stock Exchange LLC						
☐ NYSE American	NYSE American LLC						
□ NYSE National	NYSE National, Inc.						
☐ NYSE Chicago	NYSE Chicago, Inc.						
☐ NYSE American Options	NYSE Amex Options LLC						
☐ NYSE Arca Options	NYSE Arca, Inc.						
Note: Please provide a signature page for each entity selected.							
User:	CRD #:						
Business Address:	CRD #:						
City:	State: Zip Code:						
Contact Name: Telephone:							
Email:							
☐ Corporation ☐ Li	mited Liability Company						
1. Definitions							
(a) "Authorized Trader" means a person authorized to submit orders to the Platform on behalf of his or her User.							
(b) "Connectivity Questionnaire" means the Connectivity Questionnaire or successor form that is located at www.nyse.com .							
(c) "Effective Date" means the date this User Agreement is signed by the relevant NYSE Entity(ies).							
(d) "Permit" means a trading permit (e.g., Equity Trading Permit, Options Trading Permit, Amex Trading Permit) or member identification number issued by a NYSE Entity for effecting approved securities transactions on a Platform.							
(e) "Permit Holder" means a Sole Proprietorship, Partnership, Corporation, LLC or other organization in good standing that has been issued a Permit in accordance with the Rules.							
(f) "Information" has the meaning set forth in subsection 6(a).							
(g) "Rules" means, with respect to the relevant NYSE Entity(ies) for each Platform, that NYSE Entity's(ies') operating agreements, certification of incorporations, bylaws, rules, procedures, policies, practices, technical specifications, circulars, notices, interpretations, directives and decisions, each as amended from time to time.							
(h) "Session Request Form" means the NYSE/NYSE American and NYSE Arca Session Request form or successor form that is located at https://www.nyse.com/publicdocs/nyse/markets/nyse/Client_Session_Request_Form.pdf or successor location.							
(i) "User" means the entity, other tha	(i) "User" means the entity, other than NYSE, that has signed this User Agreement.						

NYSE USER AGREEMENT (CONTINUED)

2. Rights and Obligations

- (a) Access. Pursuant to the terms and conditions of this User Agreement, NYSE grants the User a personal, non-exclusive, non-transferable, revocable (at will) right to connect to and access the Platform only in accordance with the then-current Rules and User's obligations under this User Agreement and solely for the purpose of placing orders with the Platform for execution and for receiving information from the Platform about these orders. Further, NYSE grants to User a perpetual, non-exclusive, non-assignable, non-transferable, worldwide irrevocable, royalty-free, fully-paid up license to use, reproduce, display, compile, modify and create derivative works (which derivative works are the exclusive property of User), the information and data received during the term of this Agreement through the Platform even after termination or cancellation of this Agreement. The User is solely and exclusively responsible for any hardware, software, communication equipment, communication services, information formatting requirements or other items or services necessary for accessing and using the Platform. User must request connection to the Platform in a Connectivity Questionnaire accepted by NYSE and must document all requested connectivity in a Session Request Form. For clarity, this license does not permit User to distribute or have distributed data made available from the Platform as a stand-alone commercial service or as part of a compilation, along with data supplied from other Users, in competition with data services of NYSE or an affiliate of NYSE, though User may distribute derivative works it has created under the license set forth in this Section 2(a) as a stand-alone commercial service.
- (b) Restrictions on Use; Security. Except as permitted under this Agreement, User may not sell, lease, furnish or otherwise permit or provide access to the Platform or any information or data made available from the Platform to any other entity or to any individual that is not User's employee, customer, agent or regulator; provided User may provide access to information or data made available from the Platform when compelled to disclose pursuant to legal process provided by a court of competent jurisdiction or other governmental entity or regulatory or self-regulatory authority to whose jurisdiction the receiving party is subject. User accepts full responsibility for its employee's, customers' and agent's connection to and use of the Platform and for their compliance with the Rules and the User's obligations under this User Agreement. User shall ensure its employees, customers and agents are made aware (to the extent necessary) of the terms of this User Agreement and that all relevant rights and obligations are reflected in the User's contractual relationships with these third parties (to the extent appropriate). User shall not and shall not allow any other party to alter, decompile or disassemble any code underlying the Platform, attempt to circumvent any security protections for the Platform or interfere with or disrupt the Platform or any servers or networks connected to the Platform. User shall ensure that there is no unauthorized use of or access to the Platform, including unauthorized entry of information into the Platform, or the information and data made available by the Platform. User is responsible for all orders, trades and other messages and instructions entered, transmitted or received under identifiers, passwords and security codes of Authorized Traders, and for the trading and consequences of these orders, trades and other messages and instructions. Unless otherwise expressly authorized in writing, the Rules or as otherwise permitted by law, User, including any service bureau or public extranet, may not redistribute the information and data made available by the Platform.
- (c) <u>User Information</u>. As consideration for receiving authorization to use the Platform, User grants to NYSE a perpetual, non-exclusive, non-assignable and non-transferable (except in both cases as set forth in Section 11), world-wide, irrevocable, royalty-free, fully-paid-up license to use, reproduce, display, compile, modify and create derivative works (which derivative works are the exclusive property of NYSE) of the information and data supplied by User to the Platform, including information or data of or related to User's customers and agents (collectively, "User Data"). User represents and warrants that User owns or has sufficient rights in the information and data to authorize NYSE to perform all of its obligations under this User Agreement and that may be required for User's and NYSE use of the information and data. User represents and warrants that use or delivery of this information and data by User and NYSE: (i) does not violate any copyright, patent, trademark or trade secrets law; (ii) is not an infringement of any kind of any rights of any third party; (iii) does not constitute defamation or invasion of the right of privacy or publicity; and (iv) will not violate any applicable law, regulation or the Rules. No provision in this Agreement impairs any right, interest or use of the information and data supplied by User granted by operation of Securities and Exchange Commission ("SEC") rules or any other rule or law. Except as set forth in this Section 2(c), the parties agree that this Agreement does not grant NYSE any license with respect to User's technology, patents, copyrights, or any other intellectual property.
- (d) Fees. User shall pay when due all amounts payable arising from User's access to the Platform. These amounts include applicable exchange and regulatory fees.
- (e) <u>Order Designation</u>. All orders and any trades resulting from these orders are the responsibility of the Permit Holder from which the orders originated.
- (f) Market Data. User acknowledges that NYSE sells market data products incorporating data from users of the Platform (including User Data) ("Market Data Products") and agrees that nothing in this Agreement other than Section 6(e) interferes with or will be deemed to interfere with NYSE's rights to sell Market Data Products. NYSE shall file fees for any Market Data Products (other than historical and reference data products) with the SEC.
- (g) Reverse Engineering. NYSE shall not reverse engineer, decompile, disassemble, or otherwise attempt to derive User's proprietary trading strategies, including algorithms used by User.

NYSE USER AGREEMENT (CONTINUED)

3. Compliance

- (a) Compliance with the Rules and Law. User acknowledges that connection to and use of the Platform is governed by the Rules. User represents and warrants that: (i) it will use the Platform only if and when it is authorized to use the Platform pursuant to the Rules and when User is a Permit Holder; (ii) it will comply with the Rules and all applicable laws and regulations, and only connect to and use the Platform in compliance with the Rules and all applicable laws and regulations; (iii) it is and will remain responsible for its connection to and use of the Platform and the connection to and use of the Platform by any of its employees, customers and agents; and (iv) it will familiarize all Authorized Traders with all of User's obligations under this User Agreement and will ensure that they receive appropriate training prior to any use or access to the Platform.
- (b) Monitoring. NYSE may monitor the User's connection to and use of the Platform for compliance with all applicable laws, regulations, the Rules and this User Agreement. User shall monitor its employees, agents and customers for compliance with the Rules, the rules and regulations of any self-regulatory organizations of which User is a member, all other applicable regulations and all applicable federal and state laws.
- (c) Integrity of the Platform. User shall not: (i) alter the information or data supplied to or received from the Platform in violation of the Rules, (ii) materially affect the integrity of the information or data supplied to or received from the Platform, or (iii) supply or render information or data to or from the Platform that is illegal, inaccurate, unfair, uninformative, fictitious, misleading or discriminatory. User shall not permit its employees, agents, or customers to interfere with or adversely affect the Platform or any connection to and use of the Platform by any other authorized individuals or entities.
- (d) Indemnity. User shall indemnify, defend and hold NYSE and its affiliates, officers, directors, employees and agents harmless from and against all claims, demands, losses, costs, expenses, obligations, liabilities, damages, recoveries and deficiencies, including interest, penalties and attorneys' fees, (collectively, "Claims"), arising from or as a result of (i) User's breach of its obligations under this User Agreement; (ii) NYSE's use or disclosure of User's Information or information in accordance with Section 6(b) (except when used or disclosed for a non-regulatory purpose) or (iii) otherwise from User's connection to and use of the Platform (including connection and use by User's employees, customers and agents) or misuse of the information and data received during the term of this Agreement from the Platform, except in all cases (i)-(iii) to the extent the Claims arise from NYSE's gross negligence, willful misconduct, fraud, breach of this User Agreement or where the Rules provide for liability on the part of NYSE. NYSE may participate, at its own expense, in any defense and settlement directly or through counsel of their choice and User shall not, without the prior written consent of NYSE, enter into any settlement agreement: 1) on terms that would diminish the rights provided to NYSE or increase the obligations assumed by NYSE under this User Agreement, and 2) which does not include an unconditional release of NYSE by every claimant or plaintiff from all liability in respect to the claim, demand, expense, obligation, liability, damage, recovery or deficiency.

4. Change of the Platform

Nothing in this User Agreement constitutes an obligation by NYSE to continue or support any aspect of the Platform in its current form or previous forms. NYSE may from time to time make additions, deletions or modifications to the Platform. NYSE may temporarily or permanently, unilaterally condition, modify or terminate the right of any individuals or entities to access, receive or use the Platform in accordance with the Rules. Further, NYSE may temporarily or permanently terminate the right of any individuals or entities to access the Platform at any time.

5. Ownership

All patents, copyrights, trade secrets, trademarks and other property rights in or related to the Platform and the information and data made available through and/or generated as a result of the Platform (including compilation rights in information and data) are and will remain the exclusive property of NYSE or its licensors. User shall attribute the source as appropriate under all circumstances. For the avoidance of doubt, User retains ownership of all intellectual property rights in and related to its systems, User Data, name, trade name, trademarks and service marks.

NYSE USER AGREEMENT (CONTINUED)

6. Information

- (a) Confidentiality. Both parties acknowledge that: (i) the Platform and the information and data made available in the Platform (excluding User Data) incorporate confidential and proprietary information developed, acquired by or licensed to NYSE, including confidential information of NYSE or other entities, and (ii) each party may receive or have access to other proprietary or confidential information disclosed and marked as confidential by the disclosing party (the confidential and proprietary information in (i) and (ii), collectively, the "Information"). Except as set forth in this User Agreement, the receiving party shall use the disclosing party's Information solely to perform its obligations under this User Agreement. The receiving party shall take all precautions necessary to safeguard the confidentiality of the disclosing party's Information, including: (i) those taken by the receiving party to protect its own confidential information, and (ii) those which the disclosing party may reasonably request from time to time.
- (b) <u>Disclosure</u>. The receiving party shall not disclose, in whole or in part, the disclosing party's Information to any person, except as specifically authorized under this User Agreement. User shall not disclose any data or compilations of data made available to User by the Platform without the express, prior written authorization of NYSE or as specifically authorized under this User Agreement. User consents to NYSE disclosing Information: (i) in accordance with its regulatory obligations, and (ii) to ICE and any affiliates of ICE, subject to the restrictions set forth in this User Agreement. User specifically consents to the disclosure of its Information to the consolidated audit trail pursuant to SEC Rule 613(j)(2) and the Rules.
- (c) <u>Unauthorized Use or Disclosure</u>. The parties acknowledge that any unauthorized use or disclosure of the disclosing party's Information may cause irreparable damage to the disclosing party. If an unauthorized use or disclosure occurs, the receiving party shall immediately notify the disclosing party and take at its expense all steps necessary to recover the disclosing party's Information and to prevent its subsequent unauthorized use or dissemination, including availing itself of actions for seizure and injunctive relieve. If the receiving party fails to take these steps in a timely and adequate manner, the disclosing party may take them at the receiving party's expense, and the receiving party shall cooperate reasonably in the actions that the disclosing party may request.
- (d) <u>Limitation</u>. Unless otherwise required by law, regulation or the Rules, the receiving party has no confidentiality obligation with respect to any portion of the disclosing party's Information that: (i) the receiving party independently developed before receiving the Information from the disclosing party, (ii) the receiving party lawfully obtained from a third party under no obligation of confidentiality, (iii) is or becomes available to the public other than as a result of an act or omission of the receiving party or any of its employees or (iv) the receiving party is compelled to disclose pursuant to legal process provided by a court of competent jurisdiction or other governmental entity or regulatory or self-regulatory authority to whose jurisdiction the receiving party is subject.
- (e) Non-attribution. NYSE shall not disclose data that directly or indirectly identifies User except: i) when NYSE has received User's prior, written consent; ii) when allowed by the Rules (other than Rules for market data products) or required by law, regulation or government rule; iii) restricted access on a delayed, aggregated basis of an issuer's securities to employees of that issuer that are not trading and dealing personnel; or (iv) as part of post-trade information customarily provided to parties to a trade in equity options.

7. Disclaimer of Warranty

THE PLATFORM AND ANY CONNECTIVITY TO THE PLATFORM IS MADE AVAILABLE "AS IS" AND WITHOUT WARRANTY OF ANY KIND. ALL WARRANTIES, CONDITIONS, REPRESENTATIONS, INDEMNITIES AND GUARANTIES WITH RESPECT TO THE PLATFORM, ANY CONNECTIVITY TO THE PLATFORM AND ANY DATA, SOFTWARE OR INFORMATION MADE AVAILABLE IN THE PLATFORM OR THE CONNECTIVITY BY NYSE OR ITS LICENSORS, WHETHER EXPRESS, IMPLIED OR STATUTORY, ARISING BY LAW, CUSTOM, PRIOR ORAL OR WRITTEN STATEMENTS BY NYSE OR ITS AGENTS, AFFILIATES, LICENSORS OR OTHERWISE (INCLUDING ANY WARRANTY OF SATISFACTORY QUALITY, ACCURACY, UNINTERRUPTED USE, TIMELINESS, LATENCY, TRUTHFULNESS, SEQUENCE, COMPLETENESS, MERCHANTABILITY, FITNESS FOR PARTICULAR PURPOSE, NON-INFRINGEMENT OR THAT THE PLATFORM OR CONNECTIVITY IS FREE OF VIRUSES OR OTHER HARMFUL COMPONENTS AND ANY IMPLIED WARRANTIES ARISING FROM TRADE USAGE, COURSE OF DEALING OR COURSE OF PERFORMANCE) ARE OVERRIDDEN, EXCLUDED AND DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW OR RULES.

NYSE USER AGREEMENT (CONTINUED)

8. No Liability for Trades

USER UNDERSTANDS THAT: (I) NYSE IS NOT DIRECTLY OR INDIRECTLY A PARTY TO OR A PARTICIPANT IN ANY TRADE OR TRANSACTION ENTERED INTO OR OTHERWISE CONDUCTED THROUGH THE PLATFORM, AND (II) NYSE IS NOT LIABLE IN ANY MANNER TO ANY PERSON (INCLUDING THE USER AND ANY PERSON FOR WHOM THE USER IS AUTHORIZED TO TRADE OR ACT) FOR THE FAILURE OF ANY PERSON ENTERING INTO A TRADE OR TRANSACTION BY MEANS OF THE PLATFORM TO PERFORM THIS PERSON'S SETTLEMENT OR OTHER OBLIGATIONS UNDER THE TRADE OR TRANSACTION. NYSE AND ITS AGENTS, AFFILIATES AND LICENSORS ARE NOT LIABLE FOR ANY LOSSES, DAMAGES OR OTHER CLAIMS, ARISING OUT OF THE PLATFORM, ANY CONNECTIVITY TO THE PLATFORM OR THE USE OF THE PLATFORM OR ANY CONNECTIVITY TO THE PLATFORM. USER SHALL ABSORB ANY LOSSES, DAMAGES OR OTHER CLAIMS, RELATED TO A FAILURE OF THE PLATFORM TO DELIVER, DISPLAY, TRANSMIT, EXECUTE, COMPARE, SUBMIT FOR CLEARANCE AND SETTLEMENT, OR OTHERWISE PROCESS AN ORDER, MESSAGE OR OTHER DATA ENTERED INTO, OR CREATED BY, THE PLATFORM EXCEPT AS PROVIDED BY THE RULES OR APPLICABLE LAW. IF THIS SECTION IS DEEMED TO CONFLICT WITH ANY OTHER SECTION OF THIS USER AGREEMENT, THIS SECTION SUPERCEDES THE OTHER SECTION.

9. No Consequential Damages

NYSE AND ITS AGENTS, AFFILIATES AND LICENSORS ARE NOT LIABLE FOR ANY LOSS, DAMAGES, CLAIM OR EXPENSE, INCLUDING ANY DIRECT, CONSEQUENTIAL, INDIRECT, SPECIAL, PUNITIVE OR INCIDENTAL DAMAGES OR LOST PROFITS, WHETHER FORESEEABLE OR UNFORSEEABLE, BASED ON USER'S CLAIMS OR THE CLAIMS OF ITS CUSTOMERS, EMPLOYEES OR AGENTS (INCLUDING CLAIMS FOR LOSS OF DATA, GOODWILL, USE OF MONEY OR CONNECTION TO OR USE OF THE PLATFORM OR ANY CONNECTIVITY TO THE PLATFORM, INTERRUPTION IN USE OR AVAILABILITY OF THE PLATFORM OR ANY CONNECTIVITY TO THE PLATFORM, STOPPAGE OF OTHER WORK OR IMPAIRMENT OF OTHER ASSETS), ARISING OUT OF OR RESULTING FROM BREACH OR FAILURE OF EXPRESS OR IMPLIED WARRANTY, BREACH OF CONTRACT, MISREPRESENTATION, NEGLIGENCE, STRICT LIABILITY IN TORT OR OTHER LEGAL OR EQUITABLE THEORY. THIS SECTION DOES NOT APPLY ONLY WHEN AND TO THE EXTENT THAT APPLICABLE LAW OR THE RULES SPECIFICALLY REQUIRES LIABILITY, DESPITE THE FOREGOING EXCLUSION AND LIMITATION.

10. Term and Termination

This User Agreement is effective as of the Effective Date and remains in effect until terminated. NYSE may terminate this User Agreement, one or more Connectivity Questionnaires or one or more Session Request Forms immediately if: (i) User is in breach of this User Agreement for any reason, (ii) any representations made by User in connection with this User Agreement are or become false or misleading, (iii) NYSE determines that it is necessary to protect the Platform from abuse, degradation or material harm, (iv) NYSE determines that continued provision of access will contravene any local, state, federal or international law or regulation or (v) NYSE is notified that User is no longer a Permit Holder in good standing with NYSE or otherwise is no longer authorized to access the Platform. Either party may terminate this User Agreement, a Connectivity Questionnaire or a Session Request Form for convenience upon thirty (30) days' written notice to the other party. If User does not have at least one Connectivity Questionnaire and Session Request Form in effect, then this User Agreement automatically terminates. If this User Agreement terminates, all Connectivity Questionnaires and Session Request Forms automatically terminate. Upon the termination of this User Agreement, a Connectivity Questionnaire or a Session Request Form for any reason, all rights granted to User under this User Agreement (except for the perpetual license in Section 2(a)), the Connectivity Questionnaire or the Session Request Form, as relevant, cease. The provisions of Sections and subsections 3(d), 5, 6, 7, 8, 9, 10 and 13 survive the termination or expiration of this User Agreement for any reason. Termination of this User Agreement, a Connectivity Questionnaire or a Session Request Form does not relieve User of any obligations incurred through its connection to and use of the Platform.

11. Assignment

User shall not assign, delegate or otherwise transfer this User Agreement, a Connectivity Questionnaire or a Session Request Form or any of its rights or obligations under this User Agreement, a Connectivity Questionnaire or a Session Request Form without NYSE's prior approval. NYSE may, in accordance with the requirements of the Securities Exchange Act of 1934, assign or transfer this User Agreement, Connectivity Questionnaires and Session Request Forms, or any of its rights or obligations under this User Agreement, Connectivity Questionnaires or Session Request Forms to an affiliate, successor or acquiring entity upon notice to User. Any purported assignment or delegation in violation of this Section 11 is null and void.

12. Force Majeure

Without prejudice to any of NYSE's rights under the Rules, neither party is liable nor will be deemed in default for any failure or delay in its performance under this User Agreement (other than User's payment obligations) to the extent due to a cause or causes beyond its control, including acts of God or public enemy, war, terrorist act, insurrection or riot, fire, flood, explosion, earthquake, unusually severe weather, labor dispute, national emergency, or act or omission of any governing authority or agency of a governing authority.

NYSE USER AGREEMENT (CONTINUED)

13. Miscellaneous

- (a) Except as set forth in subsections 13(i) and (j), this User Agreement can only be amended by a written instrument signed by both parties. An obligation under this User Agreement can only be waived by a written instrument signed by the party waiving the obligation. The failure of NYSE at any time to enforce any provision of this User Agreement does not affect its right thereafter to require complete performance by User. This User Agreement binds each party's respective successors and permitted assigns. This User Agreement, together with all Connectivity Questionnaires, all Session Request Forms and the Rules, constitute the entire agreement between the parties with respect to connection to and use of the Platform; to the extent that there is a conflict, the following order of precedence applies: i) Rules filed with the SEC; ii) this User Agreement; iii) Connectivity Questionnaires and Session Request Forms; and iv) Rules not filed with the SEC. This User Agreement replaces prior user agreements related to User's use of the Platform, but for the avoidance of doubt does not replace, expand or limit any rights of either party under any vendor or subscriber market data agreement.
- (b) This User Agreement is governed by and shall be construed under the laws of the State of New York, without giving effect to any laws, rules or provisions that would cause the application of laws of any jurisdiction other than those of the State of New York.
- (c) The parties shall submit all controversies or claims arising out of or relating to this User Agreement, or to its breach or alleged breach, to arbitration in New York, New York administered by the American Arbitration Association in accordance with its Commercial Arbitration Rules. This requirement for arbitration does not prevent either party in accordance with subsection 6(c) from seeking interim injunctive relief in any court of competent jurisdiction in New York, New York. Judgment on the award rendered by the arbitrator(s) may be rendered by a state or federal court sitting in New York, New York, and each party submits to the personal jurisdiction of these courts for the purpose of entering any such judgment. The parties acknowledge that this User Agreement evidences a transaction involving interstate commerce, and that the United States Arbitration Act governs the interpretation and enforcement of this arbitration clause and any proceedings brought pursuant to it. The arbitrator(s), however, shall have no authority to award punitive or other damages, other than interest and fees as may be permitted by this User Agreement, not measured by the prevailing party's actual damages, and no authority to order the arbitration to proceed on behalf of a class or on behalf of any other person not a signatory to this User Agreement. The arbitrator(s) may grant injunctive and other equitable relief, but in granting any relief of any kind the arbitrator(s) may not modify or disregard the terms of this User Agreement. Neither party may bring an action arising out of this User Agreement or any breach or claimed breach of this User Agreement more than one (1) year after the cause of action arose.
- (d) If any provision of this User Agreement is held to be unenforceable, in whole or in part, that holding will not affect the validity of the other provisions of this User Agreement.
- (e) Headings in this User Agreement are for convenience only and do not form a part of this User Agreement and do not in any way modify, interpret or construe the intentions of the parties.
- (f) Nothing contained in this User Agreement will be construed as creating a partnership, joint venture or other contractual relationship between the parties.
- (g) Except as otherwise provided in this User Agreement, all notices to the parties must be sent by: (i) courier, (ii) certified mail, postage prepaid and return receipt requested, (iii) e-mail with e-mail acknowledgement of receipt or (iv) in the case of a proposed amendment, circular issued to Users generally. All notices must be sent to the notice address listed on the last page of this User Agreement. Either party may change its designated notice recipient by notice to the other party.
- (h) Except for NYSE's affiliates, there are no third party beneficiaries to this User Agreement.
- (i) NYSE may, in its sole discretion, immediately amend any provision of this User Agreement, any Connectivity Questionnaire and any Session Request Form by notice to the User, where failure to do so will or would be likely to give rise to a breach of the rules or regulations of an applicable regulatory authority by NYSE. The User expressly agrees that this provision is a condition of this User Agreement and is necessary to ensure that regulatory compliance is maintained by NYSE at all times.

NYSE USER AGREEMENT (CONTINUED)

- (i) NYSE may further amend the provisions of this User Agreement on one hundred and twenty (120) days' written notice to the User. User may object in writing to the proposed amendment by providing written notice to NYSE, provided that the response must state in reasonable detail the basis of the objection. The response must be received no later than sixty (60) days after the date that NYSE distributed the proposed amendment. NYSE shall use commercially reasonable efforts to respond to User's timely objection in writing within thirty (30) days of receipt and will use commercially reasonable efforts thereafter to meet with the objecting User (in person or by phone) to discuss in good faith any potential resolution. Otherwise, any use by User of the Platform after the expiration of the one hundred and twenty (120) day notice period is deemed acceptance by User of the amendment. NYSE may amend the Connectivity Questionnaire and Session Request Form effective immediately upon posting to www.nyse.com. User may not alter any terms and conditions of this User Agreement, and no modification to this User Agreement proposed by User will be binding, unless in writing and manually signed by an authorized representative of each party.
- (k) No remedy conferred by any of the provisions of this User Agreement is intended to be exclusive of any other remedy including any remedy or rights under the Rules, except as expressly provided in this User Agreement, and each and every remedy is cumulative and in addition to every other remedy given under this User Agreement or now or later existing in law or in equity or by statute or otherwise.
- (I) It is not the responsibility of NYSE to inform Users of regulatory requirements including all regulatory, audit trail, record keeping and record retention requirements to which they may be subject (in any jurisdiction). The User assumes all responsibility for keeping itself fully informed of all Rules, rules, requirements, policies and laws.
- (m) Notwithstanding any other provision in this User Agreement, User acknowledges and agrees that confidential information and services (including any software, data or related materials provided by NYSE to User in connection with this User Agreement) may not be disclosed to any person or entity targeted by any of the economic sanctions of the United States administered by the United States Treasury Department's Office of Foreign Assets Control ("OFAC"), or any person in any country targeted by OFAC sanctions, or used, in whole or in part, in any way that reasonably could be expected to cause a violation by NYSE or an affiliate of NYSE of OFAC sanctions or restrictions on the export, re-export, sale or transfer of goods and technology administered by the United States Department of State or United States Department of Commerce.

The parties have executed this User Agreement by their duly authorized representatives.

Accepted on behalf of User:	Accepted on behalf of NYSE:
(Company Name)	Entity:
By (Signature):	By (Signature):
Name:	Name:
Title:	Title:
Date:	Date:
With Notices To:	
User Name:	NYSE
Contact Name:	Attention: Client Relationship Services
Address:	353 N. Clark Street, 31 st Floor
City, State, Zip:	Chicago, IL 60654
Email:	crs@nyse.com

NYSE Master User Agreement

Additional Platform Agreement

Several NYSE Entities operate markets for options and equities (each, a "Platform"). User, as identified below, has already entered into a Master User Agreement with at least one NYSE Entity. User would now like to enter into a User Agreement with the NYSE Entity(ies) indicated below for access to the additional Platform(s) selected below. Any User Agreement entered into by means of this Additional Platform Agreement form is a separate User Agreement and incorporates all the terms and conditions of the NYSE Master User Agreement, located at www.nyse.com, as amended from time to time in accordance with the terms of the Master User Agreement.

Platform:		NYSE Entity(ies)	
☐ NYSE Arca Equities		NYSE Arca, LLC	
☐ New York Stock Excha	ange	New York Stock Ex	change LLC
□ NYSE American		NYSE American LL	С
□ NYSE National		NYSE National, Inc	
□ NYSE Chicago		NYSE Chicago, Inc	
□ NYSE American Option	ns	NYSE Amex Option	s LLC
☐ NYSE Arca Options		NYSE Arca, Inc.	
Name of Applicant Broker-Dealer: _			CRD #:
Business Address:			
City:	State:		Zip Code:
☐ Corporation ☐	Limited Liability Company	☐ Partnersh	ip Sole Proprietor
Contact Name:		Title"	
Phone:		Email:	
The parties have executed this User Agr	eement by their duly authorize	ed representatives.	
Accepted on behalf of User:		Accepted on beha	If of NYSE:
(Company Name)		(Entity)	
By (Signature):		By (Signature):	
Name:		Name:	
Title:		Title:	
Email:		Email: crs	@nyse.com
Date:		Date:	

New York Stock Exchange LLC ("NYSE" or the "Exchange") Supplemental Liquidity Provider Market Maker Application

Instructions: In order to ensure your Firm's participation in NYSE's Supplemental Liquidity Provider Market Maker ("SLMM") program and that only employees of your Firm have access to NYSE facilities and systems using your Firm's connection, the completion of this questionnaire is required prior to SLMM approval.

See NYSE Rule 107B for full definition of terms and requirements of the SLMM program.

1. Customer Information		
Name of Member Organization ("Firm")	tion	
Member Organization Web C	CRD#	
Business Address		
Business Contact		
Business Contact Phone		
Business Contact E-Mail		
2. Business and Technology	y Questions	
Please provide the MPID tha	at will be used for the SLMM program.	
	aracter MMID that will be dedicated for the SLMM our messaging per the Pillar Specs available at	
	ureau (e.g., Order Management System "OMS") for provide the name of the technology provider.	
Please provide the below inf	nformation on a separate attachment:	
Describe the current business	ss structure of the division within your Firm that will become an SLMM.	
	trading technology infrastructure and operational support structure. Please inclease servers and the type of connection you will use (e.g. CMS or CCG) to the NYSE	
Include any documentation the pursuant to NYSE Rule 107B	that will demonstrate your Firm's ability to meet the 10% quoting requirement in B.	your assigned securities
Name (Printed)		
Name (Signature)		
Title		
Date		

Please return to Client Relationship Services at crs@nyse.com.

New York Stock Exchange LLC ("NYSE" or the "Exchange") Supplemental Liquidity Provider Application

Instructions: In order to ensure your Firm's participation in the NYSE Supplemental Liquidity Provider ("SLP-Prop") program and to ensure that connectivity is established between the NYSE and your Firm, and that only employees of your Firm have access to NYSE facilities and systems using your Firm's connection, the completion of this questionnaire is required prior to SLP-Prop approval.

See NYSE Rule 107B for full definition of terms and requirements of the SLP-Prop program.

1. Customer Information			
Name of Member Organiz ("Firm")	ization		
Member Organization We	eb CRD #		
Business Address			
Business Contact			
Business Contact Phone			
Business Contact E-Mail			
2. Business and Technological	ogy Questions		
Please provide the MPID	(s) that will be used for the SLP pr	rogram.	
	character MMID (may have one pe ogram, and populated in your mes: nyse.com/pillar		
	e Bureau (e.g., Order Managemen se provide the name of the technol		
Please provide the below	v information on a separate attac	chment:	
Describe the current busing	iness structure of the division withi	in your Firm that will beco	me an SLP-Prop.
On a separate attachmen	nt, provide an overview of your trac	ding technology infrastruc	ture and operational support structure.
Include any documentation pursuant to NYSE Rule 1		's ability to meet the 10%	quoting requirement in your assigned securities
3. Regulatory Questions			
	n Supervisory Procedures (WSPs) our Firm's customer, research and		adequate information barriers in place between nesses, where applicable.
			ttach your WSPs to demonstrate that the SLP-Prop ted federal securities laws and rules concerning
Name (Printed)	1		
, , ,			
Name (Signature)			
Title			
Date	<u>l</u>		

Please return to Client Relationship Services at crs@nyse.com.

New York Stock Exchange LLC Trading License Application

TRADING LICENSE	
· · · · · · · · · · · · · · · · · · ·	floor of the New York Stock Exchange (the "Exchange") or through dimonthly and pro-rated for the amount of time remaining for the obsite and at the following link:
To terminate an existing Trading License please email Clie	ent Relationship Services at <u>crs@nyse.com</u> .
MEMBER ORGANIZATION INFORMATION	
Member Organization Name:	CRD:
Primary Contact Name:	Title:
Phone:	Email:
Billing Contact Name:	
Billing Address:	
City:	State: Zip:
TYPE OF BUSINESS ACTIVITY TO BE CONDUCTED	WITH TRADING LICENSE (Check all that apply)
Designated Market Maker (DMM)	(3.33.33.41.3)
☐ Floor Broker (FB)	
☐ Electronic Access Firm (EAF)	
AUTHORIZED ACKNOWLEDGEMENT	
The undersigned Member Organization understands and a	agrees that:
In the event this application is accepted, the undersigned acquisition and holding of a Trading License as prescribed	will make timely payment of all amounts due in connection with the d in Rule 300.
	e.com. As holder of a Trading License, the undersigned agrees to comply Regulations, and that it will be subject to the jurisdiction of the Exchange.
Signature of Authorized Officer, Partner, Managing Member, or Sole Proprietor	Date
Print Name of Authorized Signatory	Title
Phone Number of Authorized Signatory	Email Address

New York Stock Exchange LLC Regulated Only Membership Application

This application is to be completed by an existing NYSE Member Organization.

MEMBER ORGANIZATION INF	ORMATION	
Member Organization Name:		
Firm Web CRD #:		
LEI#:		
Address:		
Phone:		
Email:		
CONVERSION OF MEMBERSH	IIP TYPE	
Number of Trading Licenses Relinqu	uished:	
Effective Date of Conversion:		
AUTHORIZED ACKNOWLEDG	EMENT	
We are relinquishing our Trading Lic Member Organization of the Exchar	cense(s) to access directly the tr nge subject to the regulation ther les of the Exchange as are in ef	Organization of the New York Stock Exchange LLC ("the Exchange"). adding facilities of the Exchange, but desire and intend to remain a eof. As a Member Organization of the Exchange, the undersigned fect from time to time, and without limiting the foregoing, warrants on of the Exchange.
Authorized Signatory		Date
Print Name of Authorized Signat	ory	Title
Phone Number of Authorized Signature	gnatory	Email Address

New York Stock Exchange LLC Regulated Only Membership Application

This application is to be completed by a newly approved NYSE Member Organization.

MEMBER ORGANIZATION IN	IFORMATION	
Member Organization Name:		
Firm CRD #:		
LEI#:		
Address:		
Phone:		
Email:		
AUTHORIZED ACKNOWLED	GEMENT	
Exchange LLC ("the Exchange Exchange, the undersigned ag	e") subject to the regulation the regulation the rees to comply fully with all the	lying to become a Member Organization of the New York Stock ereof on the date approved. As a Member Organization of the ne rules of the Exchange as are in effect from time to time, and t will continue to be fully subject to the jurisdiction of the
Authorized Signatory		Date
Print Name of Authorized Sign	atory	Title
Phone Number of Authorized S	Signatory	Email Address

New York Stock Exchange LLC ("NYSE") and NYSE American LLC ("NYSE American") Securities Lending Representative Form

Must be completed by all applicants for approval as Securities Lending Representatives ("LE") and/or all direct supervisors of Securities Lending Representatives ("LS").

The LE and/or LS registrations should be requested on Web CRD for both NYSE and NYSE American (together "the Exchange").

THE AGREEMENT

Compliance with Policies and Regulations

As an employee engaged in securities lending or borrowing activities, including, but not limited to, negotiating rates, contract values and credit parameters and payment of rebates, I will abide by the policies and procedures established by my employer as well as all applicable Federal and State Securities Laws and with the applicable rules of the Exchange.

Securities Transactions

I agree to obtain the written consent of my employer prior to opening a securities account at another financial institution and will arrange to furnish duplicate copies of confirmations and statements to appropriate supervisory persons at my employer in accordance with the rules of the Exchange.

Expense Accounts

I agree that when exercising expense account privileges I will act in accordance with the guidelines established by my employer and I understand that persons designated as having supervisory responsibilities over securities lending or borrowing activities will make a thorough review of all such expense account records.

Gifts & Gratuities

I agree that I will promptly notify appropriate supervisory personnel of all gift and gratuity offerings and receipts in order to ensure adherence to my employer's and the Exchange's rules and policy.

Firm CRD#
Name of Applicant (Please Print)
, , , , , , , , , , , , , , , , , , ,
Signature of Applicant
Signature of Applicant
Applicant CRD#
Applicant CRD#
1

NYSE Group, Inc.

Order Audit Trail System Reporting Agreement

Broker/Dealer Name:	CRD #:
This Order Audit Trail System Agreement (the " Agreement ") datedNYSE Group, Inc., a Delaware corporation with offices at 11 Wall Street, New	
a with offices at	, ("Broker").

WHEREAS, the Financial Industry Regulatory Authority (FINRA) has established the Order Audit Trail System (OATS™) as an integrated audit trail of order, quote and trade information for NMS stocks, as defined in Rule 600(b)(47) of Regulation NMS and FINRA member firms are required to develop a means for electronically capturing and reporting to OATS specific data elements related to the routing of orders;

WHEREAS, the New York Stock Exchange LLC and NYSE Chicago, Inc. (each, an "Exchange" and together, the "Exchanges") are affiliates of NYSE and registered national securities exchanges;

WHEREAS, the Exchanges have adopted OATS rules; and

WHEREAS, NYSE has agreed to provide floor broker firms that trade equities on the Exchange trading floor and Chicago Institutional Brokers with a reporting solution for submission of required routing data (the "Service").

NOW, THEREFORE, the parties agree as follows:

- Service. NYSE shall provide the Service, as is more fully described in Exhibit A, during the Term of the Agreement to Broker.
- 2. Term. The term of this Agreement is three years from the Effective Date. Thereafter, the Agreement will automatically renew for additional one year periods.
- 3. Termination. Either party may terminate this Agreement upon thirty days written notice to the other.
- 4. Fees. In consideration of Broker being a member of an Exchange, NYSE agrees to provide the Service at no cost to Broker.
- Broker acknowledges and agrees that the Service (including the methods and processes used to generate 5. Data. the Service) is the property of NYSE. The relevant Exchange and Broker shall jointly own the reports and data required to be recorded by FINRA pursuant to FINRA Rule 7440, and the rules of the relevant Exchange, that are provided to Broker and FINRA on Broker's behalf (the "Deliverables").
- Broker acknowledges and agrees that it is solely responsible for (1) reviewing the Deliverables for 6. Use of the Service. accuracy, (2) reviewing FINRA's OATS web site for rejections and the submission of appropriate repairs, late reporting, nonreporting, and other reporting infractions, (3) complying with applicable law and FINRA's, the relevant Exchange's, or any other governmental or regulatory agency's rules, regulations, policies and interpretations, as amended (4) ensuring that any changes to Deliverables that are requested by Broker are completed in accordance with FINRA timelines and are received by FINRA, and (5) any fines, expenses, penalties or assessments imposed by FINRA or any other regulatory body as a result of the Service or the Deliverables. NYSE shall promptly notify Broker upon the occurrence of any event, including physical damage to NYSE's facilities or legal proceedings that would materially affect NYSE's ability to submit the Deliverables on Broker's behalf.

Warranties and Representations.

- NYSE warrants that it has the rights and authority required to enter into this Agreement and to perform the Service a. contemplated by this Agreement free from all liens, claims, encumbrances, security interests and any other restrictions.
- NYSE warrants that the Service will be performed, and the Deliverables will be prepared, in a timely and professional b. manner.
- C. NYSE represents that it is familiar with the OATS Rules and the OATS Reporting Technical Specifications and shall use commercially reasonable efforts to submit reports to OATS on behalf of Subscriber in compliance with OATS Rules and Technical Specifications.

- d. NYSE represents that it has completed, or will complete, testing as described in the Technical Specifications.
- e. NYSE represents that it has in place processes and procedures reasonably designed with the intent to ensure compliance with OATS requirements.
- f. If NYSE fails to provide the Service or Deliverables as warranted in subsections b, c, and e of this section, or if any of the Deliverables are found to be incorrect, and Broker so notifies NYSE within thirty (30) days following the date NYSE delivers the Deliverables to Broker or FINRA then NYSE will re-perform the Service at no additional charge. The foregoing is Broker's sole and exclusive remedy in event of a breach of such warranties or delivery of incorrect Deliverables.
- g. THE SERVICE AND DELIVERABLES PROVIDED UNDER THIS AGREEMENT ARE PROVIDED ON AN "AS IS" BASIS. EXCEPT TO THE EXTENT SET FORTH IN SUBSECTIONS 7(B), 7(C), 7(D) AND 7(E), NYSE MAKES NO REPRESENATIONS OR WARRANTIES, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, WITH RESPECT TO THE SERVICE, DELIVERABLES OR ANY MATERIALS PROVIDED BY NYSE UNDER THIS AGREEMENT INCLUDING WITHOUT LIMITATION IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, COMPLIANCE WITH RULES OR REGULATIONS, AND NON-INFRINGEMENT. FURTHERMORE, NO GUARANTEE IS MADE AS TO THE EFFICACY OR VALUE OF THE SERVICE OR DELIVERABLES.
- 8. **Indemnification**. Broker shall indemnify and hold harmless and defend NYSE and its affiliates from and against any and all claims, liabilities, judgments, causes of action, damages, costs and expenses (including reasonable attorneys' fees) related to or arising out of any obligations that Broker has to FINRA or any other regulatory agency or Broker's use of the Deliverables or Service.
- 9. Confidentiality. "Confidential Information" means any and all material and information disclosed to, or acquired through observation or other perception by either party pursuant to, or concerning this Agreement or the Service, including, but not limited to, the terms of this Agreement, the Deliverables, any matters relating to the business of each party and, to the extent applicable, the corporate parents, subsidiaries, affiliates and licensors of each party, all trade secrets, information regarding business operations, designs, concepts and methodologies. Confidential Information shall not include, and the obligations herein shall not apply to, information that is (1) already known to the receiving party without an obligation of confidentiality at the time of disclosure and was not acquired directly or indirectly from the disclosing party. (2) publicly known or becomes publicly known through no wrongful act of the receiving party, (3) rightfully received from a third party and, to the knowledge of the receiving party, both without restriction and without breach of this Agreement, (4) furnished to a third party by the disclosing party without a similar restriction on the third party's rights, (5) approved for release by written authorization of the disclosing party, or (6) developed, now or later, independently by the receiving party without reference to the information acquired from the disclosing party. Each party shall maintain in confidence all Confidential Information received from the other, in any format, and shall not to disclose or otherwise make available the Confidential Information to any third party without the prior written consent of the disclosing party; provided, however, that each party may disclose the other party's Confidential Information to (1) affiliates, (2) consultants and subcontractors that have a need to know, and (3) its regulators and legal advisors.
- 10. Limitation of Liability. NEITHER PARTY IS LIABLE TO THE OTHER PARTY FOR CONSEQUENTIAL, INCIDENTAL, RELIANCE, PUNITIVE, SPECIAL OR INDIRECT DAMAGES (INCLUDING, BUT NOT LIMITED TO, LOST PROFITS, INTERRUPTION OF BUSINESS, LOST, DESTROYED OR INACCURATE DATA, LOSS OF GOODWILL OR OTHER BUSINESS LOSS OR LOST SAVINGS) ARISING UNDER, RELATING TO OR IN CONNECTION WITH THIS AGREEMENT, EVEN IF SUCH PARTY HAD BEEN ADVISED OF THE POSSIBILITY OF OR COULD HAVE FORESEEN THE DAMAGES. NYSE'S AGGREGATE LIABILITY FOR ALL EVENTS, ACTS AND OMISSIONS ARISING UNDER, RELATING TO OR IN CONNECTION WITH THIS AGREEMENT IS LIMITED TO AN AMOUNT EQUAL TO ONE THOUSAND DOLLARS. THESE LIMITATIONS ON LIABILITY APPLY REGARDLESS OF THE FORM OF ACTION, WHETHER IN CONTRACT, TORT, OR OTHERWISE. BROKER ACKNOWLEDGES AND AGREES THAT EXCHANGE RULE 18 DOES NOT APPLY TO THE SERVICE OR THE DELIVERABLES.

11. Miscellaneous.

- a. Broker may not assign, transfer, delegate or pledge this Agreement or any of its obligations under this Agreement. NYSE may freely assign, delegate or pledge this Agreement or any of its obligations under this Agreement. Any assignment, transfer, delegation or pledge in violation of this subsection 11(a) is null and void.
- b. This Agreement is governed by and construed in accordance with the laws of the State of New York, without regard to the principles of conflicts of laws. The parties agree that any controversy or claim arising out of or relating to this Agreement or the breach of this Agreement must be tried in a court of competent jurisdiction in the State and County of New York, and the parties consent to the personal jurisdiction of these courts.
- c. Sections 5, 6, 8, 9, 10 and 11 will survive termination of this Agreement and continue in full force and effect.

- d. This Agreement represents the entire agreement and understanding between the parties with respect to its subject matter and supersedes any and all prior and contemporaneous agreements, understandings, documents, negotiations and/or discussions (whether oral or written) between the parties. An obligation under this Agreement can only be waived by a written instrument signed by the party waiving the obligation. Any waiver or failure to insist upon strict compliance with an obligation of this Agreement will not operate as a waiver of, or estoppel with respect to, any subsequent or other failure.
- e. NYSE may amend this Agreement from time to time by providing notice to Broker. Customer's use of the Services after 30 days after receipt of this notice constitutes acceptance of the relevant amendment.
- f. Nothing contained in this Agreement will be construed as creating a partnership, joint venture or other contractual relationship between the parties.
- g. If any provision of this Agreement is held to be unenforceable, in whole or in part, that holding will not affect the validity of the other provisions of this Agreement.
- h. Neither party is liable nor will be deemed in default for any failure or delay in its performance under this Agreement to the extent due to a cause or causes beyond its control, including acts of God or public enemy, war, terrorist act, insurrection or riot, fire, flood, explosion, earthquake, unusually severe weather, labor dispute, national emergency, or act or omission of any governing authority or agency of a governing authority.
- Counterparts. This Agreement may be executed in counterparts, each of which will be deemed to be an original.
- j. Notices. Except as otherwise provided in this Agreement, all notices to the parties must be sent by: (1) courier, (2) certified mail, postage prepaid and return receipt requested or (3) e-mail with e-mail acknowledgement of receipt. All notices must be sent to: (1) in the case of NYSE: NYSE Group, Inc., Attention: Client Relationship Services, 11 Wall Street, 15th Floor, New York, NY 10005, crs@nyse.com, with a copy to NYSE Group, Inc., Attention: Office of the General Counsel, 11 Wall Street, 19th Floor New York, New York 10005, ContractNotices@theice.com and (2) in the case of Broker:

Company Name:	
Contact Name:	
Title:	
Street:	
City, State, Zip:	
Email:	

Each of the parties has caused this Agreement to be executed by its duly authorized representatives as of the Effective Date.

	NYSE Group, Inc.	
Broker-Dealer		
Signature	Signature	
- Divin		
Print Name	Print Name	
Title	 Title	
Title	riue	
Date	Date	

Exhibit A

Service Description

1. OATS Reporting

- a. NYSE shall act as the Transmitting Order Sending Organization with respect to Broker's (1) reportable order events from the Exchange's floor broker system or other broker system into properly formatted firm order record(s) ("FORE"), and (2) reportable order events ("ROEs"). NYSE shall transmit this data to FINRA's OATS system in accordance with FINRA's and the relevant Exchange's OATS regulations and the OATS Technical Specifications.
- b. NYSE shall submit FORE file(s) to OATS on behalf of Broker, as compiled from the floor broker system, in a timely manner compliant with FINRA and the relevant Exchange's rules, regulations and interpretations.
- c. NYSE shall keep up to date on regulatory developments related to OATS reporting, including changes to the OATS regulations and OATS Technical Specifications and appropriately modify and test the OATS reporting systems with the intent to ensure continued adherence to the regulations and OATS Technical Specifications.

2. Supervision

- a. NYSE shall provide to Broker an OATS daily activity report consisting of (1) all data reported to OATS, (2) rejection reports, (3) mismatch reports and (4) current status of all submitted reports.
- b. NYSE shall monitor the OATS submissions to ensure that FOREs are submitted on a timely basis and that to NYSE's knowledge; the ROEs contain complete and accurate information.
- NYSE shall use commercially reasonable efforts, with the reasonable assistance of Broker, to investigate and resolve all errors and rejects.
- d. NYSE shall provide support services for OATS-related issues in a reasonably timely manner.
- 3. Data Retention: NYSE shall store the information used to create the Deliverables for five years and will upon request from Broker provide Broker, or FINRA, with copies of the Deliverables.

New York Stock Exchange LLC ("NYSE" or "Exchange") Retail Modifier Attestation

Instructions: This form is to be completed by a NYSE Member Organization ("Member") that would like to submit orders designated with a "retail" modifier to the NYSE.

An order designated with a "retail" modifier is an agency order or a riskless principal order that meets the criteria of FINRA Rule 5320.03 that originates from a natural person and is submitted to the NYSE by a Member, provided that no change is made to the terms of the order with respect to price or side of market and the order does not originate from a trading algorithm or any other computerized methodology. An order with a "retail" modifier is separate and distinct from a "Retail Order" under Rule 107C. Members wishing to submit "Retail Orders" under Rule 107C should contact Client Relationship Services at crs@nyse.com for further details on the appropriate paperwork.

Name of Member	
Web CRD Number	
Business Contact Name	

2. Retail Modifier/Order Supervisory Requirements

1. Member Information

Business Contact Phone

Business Contact E-Mail

By executing this form, the Member attests that substantially all orders submitted to NYSE by the Member tagged with the "retail" modifier designation are "retail" orders and would meet the qualifications as defined in Rule 13 for such orders.

Member further attests that it has in place Written Supervisory Procedures (WSPs) reasonably designed to assure that it will only designate orders as "retail" if all applicable requirements, as provided in Rule 13, are met. Such WSPs also must require the member organization to (i) exercise due diligence before entering a "retail" order to assure that entry as a "retail" order is in compliance with the requirements, and (ii) monitor whether orders entered as "retail" orders meet the applicable requirements.

In addition, if the Member represents "retail" orders from another broker-dealer customer, Member's WSPs must be reasonably designed to assure that the orders it receives from such broker-dealer customer that it designates as "retail" orders meet the definition of a "retail" order, as provided in Rule 13.

The Member must (i) obtain an annual written representation, in a form acceptable to the Exchange, from each broker-dealer customer that sends it orders to be designated as "retail" orders that entry of such orders as "retail" orders will be in compliance with the requirements specified by the Exchange; and (ii) monitor whether its broker-dealer customer's "retail" order flow meets the applicable requirements.

Authorized Signatory of Member	
Print Name	
Title	
Date	

Please return to Client Relationship Services at crs@nyse.com

New York Stock Exchange LLC ("NYSE" or the "Exchange") Retail Liquidity Providers Application ("Application")

Instructions: In order to ensure your Firm's participation in the NYSE Retail Liquidity Provider ("RLP") program and to ensure that connectivity is established between the NYSE and your Firm, and that only employees of your Firm have access to NYSE facilities and systems using your Firm's connection, the completion of this application is required prior to RLP approval.

See NYSE Rule 107C for a full definition of terms and requirements of the RLP program.

1. Customer Information		
Name of or Member Organization ("Firm")		
Firm Web CRD #		
Business Contact Name		
Business Contact Phone		
Business Contact E-Mail		
2. Business and Technolo	gy Questions	
Is your firm currently an ap ("DMM") or Supplement Li	proved NYSE Member Organization and either a Designated Market Maker quidity Provider ("SLP")?	☐ Yes ☐ No
NYSE requires RLP applic	ants to be registered as either a DMM or SLP.	
Please provide the NYSE should be assigned to each	MMID that will be used for the RLP program and corresponding symbols that $h.^{\star}$	
	your Firm's MMID's can be designated as the RLP in a given symbol. se different MMID's for different symbols.	
MM ID:	Symbols:	
MM ID:	Symbols: Symbols:	
MM ID:	Symbols:Symbols:	
*If necessary, applicant ma	ay attach a separate list of MMIDs and corresponding symbols.	
If you are using a Service please provide the name of	Bureau (e.g., Order Management System "OMS") for NYSE connectivity, f the technology provider.	
Please describe the currer	t business structure of the division within your Firm that will become an RLP.	
On a separate attachment	please provide an overview of your trading technology infrastructure and op-	erational support structure.
Please include any docum securities pursuant to NYS	entation that will demonstrate your Firm's ability to meet the 5% quoting requ E Rule 107C.	irement in your designated RLP
Name (Printed)		
Name (Signature)		
Title		
Date		

Please return to Client Relationship Services at crs@nyse.com.

New York Stock Exchange LLC ("NYSE" or the "Exchange") Retail Member Organization Application ("Application")

Instructions: In order to participate in the NYSE Retail Liquidity Program ("RLP") as a Retail Member Organization ("RMO") and to establish connectivity between the NYSE and your Firm, and that only employees of your Firm have access to NYSE facilities and systems using your Firm's connection, the completion of this application is required prior to being qualified as an RMO. To qualify as an RMO, a member organization must conduct a retail business or route retail orders on behalf of another broker-dealer. For purposes of this program, conducting a retail business includes carrying retail customer accounts on a fully disclosed basis.

A "Retail Order" is an agency order that originates from a natural person and is submitted to the NYSE by an RMO, provided that no change is made to the terms of the order with respect to price or side of market and the order does not originate from a trading algorithm or any other computerized methodology.

Please note: If an RMO uses an algorithm to determine to send an existing Retail Order into the NYSE RLP program, such order is acceptable to the program and is not deemed to have originated from a trading algorithm strictly as a result of the brokerage firm's algorithm, provided that the RMO assures that the Retail Order meets the underlying rule requirements, including that the routing algorithm does not change the terms of the order with respect to price or side of the market. Additionally, the Retail Order provision preventing changes to the terms of the order (e.g. price or side) is not meant to prevent an RMO from ensuring a better execution experience for the retail customer, such as by adding a limit to a Retail Order.

An RMO may submit Retail Orders in a riskless principal capacity as well as an agency capacity, provided that (i) the entry of such riskless principal orders meets the requirements of FINRA Rule 5320.03, including that the RMO maintains supervisory systems to reconstruct, in a time-sequenced manner, all Retail Orders are entered on a riskless principal basis; and (ii) the RMO does not include non-retail orders together with the Retail Orders as part of the riskless principal transaction.

See NYSE Rule 107C for a full definition of terms and requirements of the RLP program.

applicant's order flow would meet the requirements of the Retail Order definition.

1. Customer Information

Name of Member Firm ("Applicant")

Web CRD#					
Business Contact Name					
Business Contact Phone					
Business Contact E-Mail					
2. Business and Technology Questi	ons				
Does your firm currently send orders	to the Exchange using multiple MPIDs?	☐ Yes	□ No		
Please identify all MPIDs that will be	used to submit Retail Orders.				
If you are using a Service Bureau (e. connectivity, please provide the name	g., Order Management System "OMS") for NYSE e of the technology provider.				
Please describe the current business structure of the division within your Firm that qualifies you as an RMO.					
If you are routing retail order flow on behalf of one or more broker-dealer customers, your firm will be required to execute a separate document with this firm or firms. That document should be kept for your files and is not required to be submitted to the NYSE exchange unless requested.					
	ation sufficient to demonstrate the retail nature and characte rature, website screenshots, and other publicly disclosed ma				

your order flow, and such other documentation and information as the Exchange may require to obtain reasonable assurance that the

3. RMO Supervisory Requirements

By executing this Application, the Applicant attests that substantially all orders submitted by the Applicant as a Retail Order would meet the qualifications for such orders under NYSE Rule 107C. Applicant further attests that it has in place Written Supervisory Procedures (WSPs) pursuant to Rule 107C(b)(6).

Such WSPs require Applicant to:

- (i) exercise due diligence before entering a Retail Order to assure that entry as a Retail Orders is in compliance with the requirements of this Rule, including that the Applicant maintain adequate substantiation that substantially all orders sent to the Exchange as Retail Orders meet the definition and that those orders not meeting the definition are agency orders that cannot be segregated from Retail Orders due to system limitations and are de minimis in terms of the overall number of Retail Orders submitted and
- (ii) monitor whether orders entered as Retail Orders meet the applicable requirements.

In addition, if Applicant represents Retail Orders from another broker-dealer customer, Applicant's WSPs must be reasonably designed to assure that the orders it receives from such broker-dealer customer that it designates as Retail Orders meet the definition of a Retail Order.

The Applicant must:

- (i) <u>obtain an annual written representation, in a form acceptable to the Exchange, from each broker-dealer customer that sends it orders to be designated as Retail Orders that entry of such orders as Retail Orders will be in compliance with the requirements of this Rule; and</u>
- (ii) monitor whether its broker-dealer customer's Retail Order flow meets the applicable requirements.

Name (Printed)	
Name (Signature)	
Title	
Date	

Please return to Client Relationship Services at crs@nyse.com.

New York Stock Exchange, LLC Common Access Pointsm Agreement

The undersigned ("User"), as a condition and in consideration of being permitted to connect to NYSE Common Access Point ("NYSE CAP"), hereby agrees with The New York Stock Exchange, LLC ("NYSE") as set forth below and in the Terms and Conditions set forth at https://www.nyse.com/connectivity/specs.

PLEASE COMPLETE ALL ITEMS	
Name of Firm or Company ("User"):	
AKA Name / Formerly Known As:	
Address:	
Contact Person:	
Title:	
Phone:	Fax:
	rax:
Email:	
Web Address:	
Name of Firm who's SFTI Line you will be Utilizing:	
User represents that it is: (Check a	ill that apply)
-	e New York Stock Exchange ("Member")
Web CRD#:	
a service bureau acting on be	chalf of a Member Organization
	on: (If acting for more than one Member Organization, please submit a separate CAP
Agreement for each Member	Organization.)
a public extranet provider app	proved by NYSE to receive a NYSE CAP Connection ("Vendor")
Authorized Signature of User:	
Name:	
Title:	
Date:	

Please return completed form to Client Relationship Services at crs@nyse.com.

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NYSE COMMON ACCESS POINT ("NYSE CAP") AGREEMENT TERMS AND CONDITIONS

1. Services

The services offered by NYSE through NYSE CAP may include one or more of the following:

- Common Customer Gateway ("CCG")
- Broker Booth Support System^{sr}
- Routing of proprietary services to/from the NYSE Trading Floor
- NYSE e-Brokersm / MLooks
- Common Customer Gateway Binary ("CCG Binary")
- API Service
- Broker Algorithm

and such other services as NYSE may identify in its sole discretion (the "Services"). This Agreement is effective only when accepted by NYSE; User will be notified of such acceptance by email at the email address of User's Contact Person set forth on the signature page of this Agreement. This Agreement provides User only with a connection to NYSE CAP ("NYSE CAP Connection"), and does not assure User of the right to receive or use any Service. In NYSE's sole discretion, the use of or the right to receive or redistribute a NYSE CAP Connection or certain Services (a) may not be made available to all persons or entities, and (b) may require compliance with additional terms, obligations and conditions, including making of payments and execution of and compliance with additional documentation. User shall be responsible for all costs and charges incurred in connecting to NYSE CAP, and for all transactions effected through the use of any password, encryption key or any other security methodology issued to User.

2. Proprietary Rights

User agrees that all proprietary rights in NYSE CAP and the Services are and shall remain the property of NYSE and its third party providers of data, information, data processing services or other services related to the NYSE CAP Connection or any Service ("Third Party Providers"), and User shall have no proprietary right or interest in NYSE CAP or any of the Services.

3. Compliance with Law

User shall comply with all applicable laws and regulations, including applicable SEC and NYSE rules and regulations, relating to the NYSE CAP Connection, or use of any Services. User shall not (a) alter, decompile, or disassemble any code underlying NYSE CAP Connection or any Services, or (b) attempt to circumvent any security protections for NYSE CAP Connection or any Services, or (c) interfere with or disrupt NYSE CAP Connection, and Services or any servers or networks connected to the Services, or (d) give access to or disclose to any unauthorized person any password, encryption key or other security methodology through which any NYSE CAP Connection or any Service is obtained. User shall take all reasonable precautions to safeguard the confidentiality of any such password encryption key or other security methodology.

4. NYSE CAP Specifications

This paragraph does not apply to Users connected to CAP indirectly (e.g., through a service bureau). User has read and understands (i) the NYSE Common Access Point Member Firm interface Specification (ii) the NYSE Common Access Point Member Firm Security Interface Specification and (iii) the Customer Guide to NYSE Common Access Point currently in effect (collectively, the "Specifications"). User agrees to comply with and be bound by all provisions of the Specifications, as currently in effect and, in accordance with Paragraph 6 below, as they may be amended from time to time, and any other specifications related to NYSE CAP that may be issued in the future, applicable to User, NYSE CAP Connection, and the Services utilized by User.

5. Suspension of CAP Connection or Services

Unless otherwise agreed in writing by NYSE and User, NYSE may, without incurring any liability to User, suspend the CAP Connection and any or all Services at any time, without notice and without cause.

6. Amendment

NYSE may amend this Agreement and the Specifications from time to time upon giving notice of the terms of any such amendment to User by any reasonable means, including, but not limited to, by publication on NYSE's website located at https://www.nyse.com/connectivity/specs. With regard to any amendment effected by such publication, NYSE will use reasonable efforts to advise User of the publication of such amendment by sending an email to the email address of User's Contact Person set forth on the signature page of this Agreement. NYSE, in its sole discretion, may limit, expand or terminate, or subject to different or additional terms, conditions or restrictions, the Specifications, NYSE CAP Connection or any one or more of the Services; such additional terms may include the imposition of fees or charges to connect to NYSE CAP. User's use of NYSE CAP or any Service after receipt of notice of amendment of this Agreement or of the Specifications constitutes acceptance of that amendment. User may amend User's information appearing on the signature page of this Agreement by emailing notice of such change to Client Relationship Services at crs@nyse.com. If User changes its name a new CAP Agreement shall be required. If the User has multiple Member Organizations, or adds additional clients, a new CAP Agreement shall be required. CAP Agreements must be current as determined in NYSE's sole discretion. CAP Agreements that are not current are subject to termination by NYSE.

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NYSE COMMON ACCESS POINT ("NYSE CAP") AGREEMENT TERMS AND CONDITIONS (CONTINUED)

7. Disclaimer

NYSE CAP and the Services are provided to User on an "as is" basis. NYSE, NYSE Technology, the Third Party Providers and their respective affiliates, officers, directors, employees, agents and licensors are herein referred to as the "Disseminating Parties." With respect to NYSE CAP Connection, the Services and the contents thereof, the Disseminating Parties do not make any representations and, to the fullest extent permitted by applicable law, hereby disclaim all express, implied and statutory warranties of any kind to User or any third party. This disclaimer includes, but is not limited to, representations and warranties regarding accuracy, timeliness, completeness, sequencing, currentness, noninfringement, merchantability, or fitness for any particular purpose, and any representations or warranties arising from usage or custom of trade or by operation of law. The Disseminating Parties assume no responsibility for the consequences of any errors or omissions, delays, inaccuracies, system failures or any other failures or shortcomings in connection with the User's receipt and use of NYSE CAP or any of the Services, and do not guarantee the timeliness, sequence, accuracy or completeness of any information or data provided as part of NYSE CAP or any of the Services.

8. Limitation of Liability

To the extent permitted by applicable law, in no event shall the Disseminating Parties be liable to User or anyone else for: a) any type of damages (such as, but not limited to, direct, consequential, special, incidental, punitive or indirect

- damages), even if advised of the possibility of such damages,
- b) any other loss or injury, or
- c) any telecommunications charges or other costs,

incurred by User in accessing or using NYSE CAP or any of the Services.

9. Governing Law

This Agreement shall be governed by and construed in accordance with the laws of the State of New York, USA, as they apply to Agreements made and performed solely therein. Disputes arising hereunder shall be subject to the exclusive jurisdiction of the Federal Courts of the united States of America and/or the State Courts of New York sitting in the City of New York, New York, USA. If a court finds any term or provision of this Agreement to be invalid or unenforceable, such term or provision shall be ineffective only to the extent of such finding and such court's jurisdiction, without rendering invalid or unenforceable the remaining terms and provisions of this Agreement in that court's jurisdiction or affecting the validity or enforceability of any of the terms and provisions of this Agreement in any other jurisdiction.

10. Term and Termination

The term of this Agreement shall commence upon valid execution hereof by the User and delivery to and acceptance by NYSE, and shall continue in effect until terminated. This Agreement and the Services may be terminated by User upon five (5) days' notice to NYSE, and by NYSE at any time in NYSE's sole discretion. Upon such termination, NYSE shall terminate the NYSE CAP Connection. The foregoing notwithstanding, the provisions of Paragraphs 2, 3, 4, 7, 8, 9, 10, 11, 12 and 13 shall survive any expiration or termination of this Agreement.

11. Assignment

User may not assign or delegate any of its rights or obligations arising hereunder, except with the prior written consent of NYSE, which will not be unreasonably withheld. Any purported assignment or delegation in violation of this Paragraph 11 shall be null and void.

12. Redistribution and Confidentiality

User, including any service bureau or public extranet, may not redistribute the NYSE CAP Connection or any Services, and may not disclose the content of any Service or any Specification, unless otherwise permitted pursuant to a separate written Agreement with NYSE or pursuant to a published policy of NYSE or as otherwise permitted by law. The foregoing shall not be construed to restrict the distribution or disclosure of any proprietary information of User solely because such information may have been transmitted via a NYSE CAP Connection.

13. Benefit of Agreement

The provisions of this Agreement are for the benefit of NYSE, NYSE Technology and the Third Party Providers. Each of NYSE, NYSE Technology and the Third Party Providers shall have the right to assert and enforce the provisions of this Agreement directly against the User.

14. External Access Network

User acknowledges and agrees that if, and to the extent, it receives any Services via the NYSE External Access Network ("NYSE EAN"), (i) any reference herein to NYSE CAP shall apply with equal force and effect to the NYSE EAN, (ii) any reference herein to a NYSE CAP Connection shall apply with equal force and effect to any NYSE EAN connection, and (iii) the provisions of this Agreement (other than references to any Specifications applicable only to CAP) apply to the receipt of Services via NYSE EAN to the same extent as to receipt of Services via NYSE CAP.

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NYSE Bonds Trading License Application ("BTL")

Please Type or Print Clearly

Organization and Contact Infor	mation:	
Name of Member Organization:		
Web CRD Number:		
Primary Contact:		
Contact Name		
Email Address		
Telephone / Fax Number		
Billing Contact:		
Contact Name		
Mailing Address		
City, State Province, Postal Code		
Telephone / Fax Number		
Email Address		
The cost of a NYSE Bonds Trading Li	cense is \$1,000 per y	rear.
The undersigned Member Organization	on understands and a	grees that:
In the event this application is acce with the acquisition and holding of		d will make timely payment of all amounts due in connection n NYSE Rule 87.
	such rules as they a	ay be reviewed at <i>www.nyse.com</i> . As holder of a BTL, the re in effect from time to time, and without limiting the SE.
Signature of Authorize	d Representative:	
	Print Name:	
	Title:	
	Date:	

Please send a completed version of this application to crs@nyse.com

Application to Aggregate Billing of Affiliated Member Firms

NYSE, NYSE American, NYSE Arca separately the "Exchange") Aggreg		nal, and NYSE Ch	icago (1	ogether "NYSE Exchanges" or	
	charges asses	ssed or credits prov	ided. Su	on/member firm may request aggregation on the control of the seeking to aggregate.	
General Information					
Firm Name of Primary Applicant:					-
Business Address:				-	-
City:				Zip:	-
Business Phone: Please check the applicable market(s) for	this request:		CRD #:		-
☐ NYSE American	□ NYS	SE Arca		☐ NYSE National	
□ NYSE	□ NYS	SE Arca Options		☐ NYSE American Options	
☐ NYSE Chicago					
Affiliated Members					
Provide the following information: List to provide complete information may re		·		CRD Numbers; and type of affiliation. Failu	ıre
Member Firms to be Affiliated with I	Primary		Type	of Affiliation (wholly owned	1
Applicant		CRD#		diary/parent/sister/etc)	-
			_		J
Authorization and Acceptance					
are affiliates within the meaning of the	relevant Excha	ange's fee schedule listed herein. The A	. The Applicant	s that the entities listed in this application plicant Firm agrees to provide, upon reque Firm shall also provide immediate notice	-
any event that causes an entity listed h	lerein to cease	to be an anniate or	the Appi	icant Firm.	
Signature of Authorized Officer:					-
Name:					-
Title:					-
Phone:					-
Email Address:					-
Date:					-

Completed application should be returned via email to crs@nyse.com.



Contact Information

NYSE Gateways Session Request Form

Session setup process consists of two steps:

- 1. For new, or modification to existing, sessions please submit this form to connectivity@nyse.com
- 2. For new, or modification to existing, source network address provisioning, please complete the Source IP Permission and Peering Information in the table (Page 2) and send a separate request to clientprovisioning@theice.com

For questions regarding this form, please contact Connectivity Tel: +1 212.896.2830 option 2,1/Email: connectivity@nyse.com

Company Name:		
First/Last Name:		
Email Address:		
Phone:		
Session Detail -Please select only one option from	the drop down lists below and specify numb	er of Sessions.
Request Type:	Choose Request Type	# of Sessions:
Market:	Choose Market	
Session Type:	Choose Session Type	
Protocol:	Choose Protocol	
SenderCompIDs (Type in all if modifying or removing):		
TPID or Master Firm/Mnemonic (if adding new session):		
BOLD Default Value (American Options Only):	Choose BOLD Default Value	
Drop Copy Settings (Required) - Leave blankif protocol is order entry - Check only the settings that are chan		
Drop Copy Request Type:	Choose Request Type	# of Drop Copy Sessions:
Drop Copy SenderCompIDs (if modifying or removing):		
Drop Copy Type:	Choose Protocol	
Message Preference:	Choose Message Preference	
Drop Copy Filter:	Choose Drop Copy Filter	
Based on the above selection, list all filter items (e.g If you Selected 'Mnemonics', list the Mnemonics that should be reported. If you selected 'SenderCompID', list the sessions you wish to drop to the drop copy session):		

Source IP Permission and Pe	ering Informatio	on (Required)	
Network Provider		Please list all Source IP Address Ranges you will use to connect to Native Gateways Format: xxx.xxx.xxx.xxx/24	Please list the Peering IPs for the IP ranges listed to the left Format: xxx.xxx.xxx
Choose Network Provider			
Acknowledgment of Certification			
_	-	ge that any new functionality being requentions.	uested in this document has been
By (Signature):			
Name:			
Title:			
Company Name:			
CRD #:			
Phone:			
Email Address:			
Date:			



Session Request Form - Pillar Native Gateway

Session setup process consists of two steps:

- 1. For new, or modification to existing, sessions please submit this form to connectivity@nyse.com
- 2. For new, or modification to existing, source network address provisioning, please complete the Source IP Permission and Peering Information in the table (Page 2) and send a separate request to clientprovisioning@theice.com

For questions regarding this form, please contact Connectivity Tel: +1 212.896.2830 option 2,1/Email: connectivity@nyse.com

Contact Information		
Company Name:		
First/Last Name:		
Email Address:		
Phone:		
Session Detail -Please select only one option from	n the drop down lists below and specify numb	er of Sessions.
Request Type:	Choose Request Type	# of Sessions:
Market:	Choose Market	
Session Type:	Choose Session Type	
Protocol:	Choose Protocol	
SenderCompIDs (Type in all if modifying or removing.):		
Order Entry Settings (Required) - Leave blankand proceed to the next - Below default settings will apply if p		
MPID(s):		
Cancel on Disconnect:	None	
Priority Update Ack Subscription:	Do Not Subscribe	
Default Self-Trade Prevention:	None	
Symbol Eligibility:	All Symbols	
Max Order Qty (Exchange max applied, if blank.):		
Drop Copy Settings (Required) - Leave blankif protocol is order entred Check only the settings that are cha		
Request Type:	Choose Request Type	# of Drop Copy Sessions:
Protocol:	Choose Protocol	
Message Preference:	Choose Message Preference	
Drop Copy Filter:	Choose Drop Copy Filter	
Based on the above selection, list all filter items: MPIDs or SenderCompIDs to be added or removed:		

Source IP Permission and Pee	ring Informatio	n (Required)	
Network Provider		Please list all Source IP Address Ranges you will use to connect to Native Gateways Format: xxx.xxx.xxx.xxx/24	Please list the Peering IPs for the IP ranges listed to the left Format: xxx.xxx.xxx
Choose Network Provider			
Acknowledgment of Certifica			
		ge that any new functionality being requenting requenting requenting Member Services group:	dested in this document has been
By (Signature):	Γ		
Name:			
Title:			
Company Name:			
CRD #:			
Phone:			
Email Address:			
Date:			

PILLAR Connectivity Questionnaire (CQ)

Instructions and Information

Permit Holders must complete and the Exchange must approve the following questionnaire prior to establishing connectivity to the Exchange. All connections are subject to and governed by applicable laws, regulations and Rules and any applicable user agreement.

1. Process for adding Connectivity:

- Step 1: Completed Connectivity Questionnaire (CQ) is sent to Client Relationship Services (CRS) at CRS@nyse.com. Please complete one CQ for each MPID.
- Step 2: When the CQ is approved, CRS permissions the new access type for the next business day and notifies the Permit Holder and the API Technical Support team.
- Step 3: API Technical Support completes any necessary session updates. If a new session is required, please also submit the Session Request Form available at www.nyse.com/pillar.
- Step 4: Permit Holder's new access to the Exchange is complete.
- If a connection is terminated by the Permit Holder, the Permit Holder must notify CRS@nyse.com within one business day.

	ced in this Connectivity Question	nnaire can be found at <u>www.n</u>	<u>yse.com/regulation</u> .	
3. Permit Holder and Contact In Permit Holder Firm Name:	ntormation	Web CRD™ Number:		
Business Contact:		Business Contact E-Mail:		
Compliance Contact:		Compliance Contact E-Mail:		
4. Details		Compilation Community		
MPID requesting access to:		MPID:	_	
☐ NYSE Arca Equities	☐ NYSE American			
☐ NYSE National	☐ NYSE Equities			
☐ NYSE Chicago	☐ NYSE American Options			
☐ NYSE Arca Options				
Will this MPID be accessing the through a NYSE Service Burea	exchange via a direct session or	☐ Direct (FIX)	☐ Direct (Binary)	
		☐ Service Bureau (SB Name	:)
*Service Bureau must sign in	Section 5			
Will this MPID be used by a customer or affiliate of the Permit Holder?		Yes	□ No	
If Yes, please lis	t the customer or affiliate name:			
	tuestionnaire: presents that it has established re nt systems pursuant to applicable	, ,		•

- this connection.
- The Permit Holder confirms having established reasonably designed regulatory policies and procedures to monitor order flow pursuant to SEC Rule 15c3-5.
- The Permit Holder understands that this route is not to be used for any other purpose or for any other entity other than what is documented in this Connectivity Questionnaire

Name and Title (Printed)	
Name (Signature)	

Please return to Client Relationship Services via email at CRS@nyse.com.

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PILLAR Connectivity Questionnaire (CQ)

5. Service Bureau Authorization	_			
Permit Holder Firm Name:		MPID:		
The undersigned, as an approved NYSE Service Bureau, agrees to provide access to the NYSE Platform for the above mentioned Permit Holder per the information outlined in this Connectivity Questionnaire and in accordance with the NYSE Service Bureau Connection Agreement, or other applicable NYSE Agreement.				
Service Bureau Company Name:				
Authorized Signature:				
Name and Title:				
Phone:				
E-Mail:				

Please return to Client Relationship Services via email at CRS@nyse.com.

Pillar Service Bureau Connection Agreement

SERVICE BUREAU CONNECTION AGR	EEMENT			
The undersigned ("User"), as a condition and in consideration of being permitted to connect to the Pillar technology platform ("Pillar"), for the purposes of connection to one or more market (as identified below), agrees with the NYSE Entity(ies) indicated below as set forth in this Service Bureau Connection Agreement ("Connection Agreement").				
Platform:	NYSE Entity(ies)			
☐ NYSE Arca Equities	NYSE Arca, LLC ¹			
☐ NYSE American	NYSE American LLC			
☐ NYSE National	NYSE National, Inc.			
☐ New York Stock Exchar	nge New York Stock Exchange LLC			
☐ NYSE Chicago	NYSE Chicago, Inc.			
☐ NYSE American Option	s NYSE Amex Options LLC			
☐ NYSE Arca Options	NYSE Arca, Inc.			
General Information				
Name of Firm or Company ("User"): (If User changes its name, a new Connection Agreement is required.) AKA Name / Formerly Known As:				
Address:				
Address.				
-				
Contact Person:				
Title:				
Phone:	Fax:			
Email:				
Web Address:				
User represents that it is				
a service bureau acting on behalf of an approved member/participant/permit holder ("Subscriber") of the market(s) identified above. If User is responsible for more than one Subscriber, User must list all Subscribers in Exhibit A.				
Authorization and Acceptance				
Authorized Signature of User:				
Name:				
Title:				
Date:				

Please return completed form to Client Relationship Services at crs@nyse.com

September 2020

 $^{^{\}rm 1}$ NYSE Arca operates a Platform of its affiliate, NYSE Arca, Inc., a self-regulatory organization.

PILLAR SERVICE BUREAU CONNECTION AGREEMENT TERMS AND CONDITIONS

1. Connection

This Connection Agreement provides User only with a connection to Pillar ("Pillar Connection") and does not assure User or any end user receiving connectivity directly or through User ("End User") of the right to access the New York Stock Exchange, NYSE MKT, NYSE Arca Equities, NYSE Arca Options, NYSE Amex Options, or NYSE Bonds marketplaces (each a "NYSE Market" and together "NYSE Markets") and User is responsible for making separate arrangements to access each NYSE Market. In NYSE's sole discretion, the use of or the right to receive or redistribute a Pillar Connection or access to the NYSE Markets (a) may not be made available to all persons or entities, and (b) may require compliance with additional terms, obligations and conditions, including execution of and compliance with additional documentation. User shall ensure that each End User is a Subscribers of any NYSE Market to which User provides the End User a Pillar Connection and shall not allow any End User that is not also a Subscriber of a NYSE Market access to that NYSE Market.

2. Proprietary Rights

User agrees that all proprietary rights in Pillar and the Pillar Connection are and shall remain the property of NYSE and its third party providers of data, information, data processing services or other services related to the Pillar Connection or any service ("Third Party Providers"), and User shall have no proprietary right or interest in Pillar or the Pillar Connection.

3. Compliance with Law

User shall comply with (i) all applicable laws, regulations, interpretations, decisions, opinions, orders and other requirements of the SEC; (ii) all rules, regulations, interpretations, decisions, opinions, orders and other requirements of any applicable NYSE Markets, relating to Pillar and the Pillar Connection. User shall not (a) alter, decompile, or disassemble any code underlying Pillar or the Pillar Connection or (b) attempt to circumvent any security protections for Pillar or the Pillar Connection, or (c) interfere with or disrupt Pillar or the Pillar Connection, or any servers or networks connected to the NYSE Markets, or (d) give access to or disclose to any unauthorized person any password, encryption key or other security methodology through which Pillar or any Pillar Connection is accessed. User shall take all reasonable precautions to safeguard the confidentiality of any password encryption key or other security methodology.

4. Specifications and Testing

User has read and understands the specifications and policies located at www.nyse.com/connectivity/specs any other specifications and policies applicable to User, the Pillar Connection and the NYSE Markets, all as updated from time to time and located at www.nyse.com (collectively, the "Specifications"). User shall comply with and be bound by all provisions of the Specifications, as currently in effect and, in accordance with Section 6 below, as they may be amended from time to time. User shall cooperate with NYSE and whatever other parties NYSE specifies as required for testing of business continuity and disaster recovery plans, including backup systems.

5. Suspension of Pillar Connection

NYSE may, without incurring any liability, suspend the User's or an End User's Pillar Connection at any time, without notice (unless the provision of advance notice is reasonably practicable) and without cause.

6. Amendment

NYSE may amend this Connection Agreement and the Specifications from time to time upon giving notice of the terms of any amendment to User by any reasonable means, including by publication on

www.nyse.com (the "Website"). With regard to any amendment effected by publication on the Website, NYSE shall use reasonable efforts to advise User of the publication of the amendment by sending notice to the email address of User's Contact Person set forth on the signature page of this Connection Agreement. NYSE, in its sole discretion, may limit, expand or terminate, or subject to different or additional terms, conditions or restrictions, the Pillar Connection. User's use of the Pillar Connection after thirty (30) days of publication or receipt of notice of amendment of this Connection Agreement or of the Specifications constitutes acceptance of that amendment. If User changes its name, a new Connection Agreement is required. If the Subscriber for a Service Bureau becomes invalid, User shall send NYSE notice of this invalid status within thirty (30) days of the Subscriber becoming invalid, and a new Connection Agreement or Exhibit A, as relevant, is required. If the User adds additional Subscribers, User must sign an updated Exhibit A. Connection Agreements must be current as determined in NYSE's sole discretion. Connection Agreements that are not current are subject to termination by NYSE.

7. Payment

User shall pay NYSE, LLC for the Pillar Connection by End Users per the charges set forth in the applicable NYSE Market fee schedule available at www.nyse.com ("Fee Schedules"). User shall make payments pursuant to the terms set forth in this Connection Agreement and the Fee Schedules. Payment is due within thirty (30) business days from the invoice date. Charges may be changed by NYSE effective at any time. User may arrange for third party billing, however, User shall be fully responsible for all payments due under this Connection Agreement regardless of designation of a third party payor. User agrees to pay all third party charges, such as sales taxes, which are User's legal responsibility to pay.

PILLAR SERVICE BUREAU CONNECTION AGREEMENT TERMS AND CONDITIONS (CONTINUED)

8. Disclaimer

PILLAR AND THE PILLAR CONNECTION ARE PROVIDED TO USER ON AN "AS IS" BASIS. NYSE, NYSE TECHNOLOGIES CONNECTIVITY, INC., THE THIRD PARTY PROVIDERS AND EACH OF THEIR RESPECTIVE AFFILIATES, OFFICERS, DIRECTORS, EMPLOYEES, AGENTS AND LICENSORS ARE REFERRED TO AS THE "DISSEMINATING PARTIES." WITH RESPECT TO PILLAR AND THE NYSE MARKETS, PILLAR CONNECTION, AND THEIR RESPECTIVE CONTENTS, THE DISSEMINATING PARTIES DO NOT MAKE ANY REPRESENTATIONS AND, TO THE FULLEST EXTENT PERMITTED BY APPLICABLE LAW, DISCLAIM ALL EXPRESS, IMPLIED AND STATUTORY WARRANTIES OF ANY KIND TO USER, END USER OR ANY THIRD PARTY. THIS DISCLAIMER INCLUDES REPRESENTATIONS AND WARRANTIES REGARDING ACCURACY, TIMELINESS, COMPLETENESS, SEQUENCING, LATENCY, CURRENTNESS, NON-INFRINGEMENT, MERCHANTABILITY, OR FITNESS FOR ANY PARTICULAR PURPOSE, AND ANY REPRESENTATIONS OR WARRANTIES ARISING FROM USAGE OR CUSTOM OF TRADE OR BY OPERATION OF LAW. THE DISSEMINATING PARTIES ASSUME NO RESPONSIBILITY FOR THE CONSEQUENCES OF ANY ERRORS OR OMISSIONS, DELAYS, INACCURACIES, SYSTEM FAILURES OR ANY OTHER FAILURES OR SHORTCOMINGS IN CONNECTION WITH THE USER'S OR END USER'S RECEIPT AND USE OF PILLAR, THE NYSE MARKETS OR PILLAR CONNECTION, AND DO NOT GUARANTEE THE TIMELINESS, SEQUENCE, ACCURACY OR COMPLETENESS OF ANY INFORMATION OR DATA PROVIDED AS PART OF PILLAR, THE NYSE MARKETS OR PILLARCONNECTION.

9. Limitation of Liability

TO THE EXTENT PERMITTED BY APPLICABLE LAW, IN NO EVENT ARE THE DISSEMINATING PARTIES LIABLE TO USER, ANY END USER OR ANYONE ELSE FOR:

- A) ANY TYPE OF DAMAGES (SUCH AS DIRECT, CONSEQUENTIAL, SPECIAL, INCIDENTAL, PUNITIVE OR INDIRECT DAMAGES), EVEN IF ADVISED OF THE POSSIBILITY OF THE DAMAGES,
- B) ANY OTHER LOSS OR INJURY, OR
- C) ANY TELECOMMUNICATIONS CHARGES OR OTHER COSTS, INCURRED BY USER IN ACCESSING OR USING PILLAR, THE NYSE MARKETS OR PILLAR CONNECTION.

10. Governing Law

This Connection Agreement is governed by and construed in accordance with the laws of the State of New York, USA, without regard to choice of law principles, as the laws of the State of New York apply to agreements made and performed solely within New York. If a court finds any term or provision of this Connection Agreement to be invalid or unenforceable, that term or provision will be ineffective only to the extent of the finding and the court's jurisdiction, without rendering invalid or unenforceable the remaining terms and provisions of this Connection Agreement in that court's jurisdiction or affecting the validity or enforceability of any of the terms and provisions of this Connection Agreement in any other jurisdiction.

11. Term and Termination

This Connection Agreement is effective only when accepted by NYSE. User will be notified of this acceptance by email at the email address of User's Contact Person set forth on the signature page of this Connection Agreement. The term of this Connection Agreement commences upon valid execution by the User and delivery to and acceptance by NYSE, and continues until the last day of the month which is one month after the month in which this Connection Agreement commences. Thereafter, the term of this Connection Agreement automatically extends for one month terms from month to month, unless terminated in accordance with the terms of this Section 11. This Connection Agreement may be terminated by User upon five (5) days' notice to NYSE, and by NYSE at any time in NYSE's sole discretion; provided, however, that NYSE shall provide notice if reasonably practicable. Upon termination, NYSE will terminate the Pillar Connection. The foregoing notwithstanding, the provisions of Sections 2, 3, 4, 7, 8, 9, 10, 11, 12, 13, 14, 15, and 17 survive any expiration or termination of this Connection Agreement.

12. Assignment and Entire Agreement

User may not assign or delegate any of its rights or obligations arising under this Connection Agreement, except with the prior written consent of NYSE, which will not be unreasonably withheld. Any purported assignment or delegation in violation of this Section 12 is null and void. This Connection Agreement and the Fee Schedules, as amended from time to time by NYSE or any of the NYSE Markets, constitute the entire agreement between the parties on this subject matter and supersede all prior agreements, arrangements, representations or promises, whether oral or written.

13. Redistribution and Confidentiality

Except as set forth in this Connection Agreement, User may not redistribute the Pillar Connection and may not disclose the content of the NYSE Markets, Pillar Connection or any Specification, unless otherwise permitted pursuant to a separate written agreement with NYSE or pursuant to a published policy of the NYSE Markets or as otherwise permitted by law. The foregoing is not to be construed to restrict the distribution or disclosure of any proprietary information of User solely because the information may have been transmitted via a Pillar Connection. User may allow End Users access or use of the Pillar Connection if User (i) requires that all End Users enter into a separate agreement with User respecting the delivery of User services, and that, irrespective of the separate agreement, acknowledge that there is no contractual privity between any End Users, on the one hand, and NYSE or any of the NYSE Markets, on the other hand, with respect to Pillar and the Pillar Connection, (ii) ensures all End Users comply with the Specifications and (iii) requires that its agreements with each of its End Users contain terms sufficiently limiting End Users' use of Pillar, the NYSE Markets and Pillar Connection in accordance with the restrictions on use, disclaimers and limitations of liability delineated in this Connection Agreement.

PILLAR SERVICE BUREAU CONNECTION AGREEMENT TERMS AND CONDITIONS (CONTINUED)

14. Benefit of Agreement

The provisions of this Connection Agreement are for the benefit of NYSE, NYSE Technologies Connectivity, Inc. and the Third Party Providers, the NYSE Markets and each of their respective affiliates. Each of NYSE, NYSE Technologies Connectivity, Inc. the Third Party Providers, the NYSE Markets and their respective affiliates has the right to assert and enforce the provisions of this Connection Agreement directly against the User.

15. Notices

16. Force Majeure

Notwithstanding any other term or condition of this Connection Agreement, NYSE, NYSE's affiliates, and its third party providers, including, but not limited to, software, hardware, communications and data providers, and User, shall not be obligated to perform or observe their obligations undertaken in this Connection Agreement (except for obligations to make payments hereunder and regulatory obligations) if prevented or hindered from doing so by any circumstances found to be beyond their control and without their gross negligence or willful misconduct. Such causes include, without limitation, acts of God, acts of government in its sovereign or contractual capacity, power shortages or failures, utility or communications failures or delays, labor disputes, strikes, supply shortages, equipment failures, and software malfunctions.

17. Predispute Arbitration

- A) ARBITRATION IS FINAL AND BINDING ON THE PARTIES
- B) THE PARTIES ARE WAIVING THEIR RIGHT TO SEEK REMEDIES IN COURT, INCLUDING THE RIGHT TO JURY TRIAL.
- C) PRE-ARBITRATION DISCOVERY IS GENERALLY MORE LIMITED THAN AND DIFFERENT FROM COURT PROCEEDINGS.
- D) THE ARBITRATORS' AWARD IS NOT REQUIRED TO INCLUDE FACTUAL FINDINGS OR LEGAL REASONING AND ANY PARTY'S RIGHT TO APPEAL OR TO SEEK MODIFICATION OF RULINGS BY THE ARBITRATORS IS STRICTLY LIMITED E) THE PANEL OF ARBITRATORS WILL TYPICALLY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR ARE AFFILIATED WITH THE SECURITIES INDUSTRY
- F) No person shall bring a putative or certified class action to arbitration, nor seek to enforce any pre-dispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until: (i) the class certification is denied; or (ii) the class is decertified; or (iii) the User is excluded from the class by the court. Such forbearance to enforce an agreement to arbitrate shall not constitute a waiver of any rights under this Connection Agreement except to the extent stated herein. All claims, disputes, controversies, and other matters in question between the parties to this Connection Agreement and the parties' employees, and other agents, arising out of, or relating to this Connection Agreement, or to the breach hereof, shall be settled by final binding arbitration. The arbitration proceeding shall be held in the City of New York, State of New York, unless otherwise agreed by the parties. In no event shall such claim, dispute, controversy, or other matter in question be made later than one (1) year after the claim, dispute, controversy or other matter in question is related to the collection of past due payments).

EXHIBIT A TO PILLAR SERVICE BUREAU CONNECTION AGREEMENT

Member Name(s):			
	User (Service B	Bureau)	
	,	•	
Authorized Signature of User		Name	
2.g. a.a. 0 0. 000.			
Title		Date	

Please email completed Exhibit to crs@nyse.com.

NYSE Pillar - Trading Operations Desk Authorized Traders

Please identify the personnel authorized to conduct business over the phone with the NYSE Trading Operations Desk for the below selected market(s).						
☐ NYSE		NYSE American Equities		NYSE American Options		NYSE National
☐ NYSE Arca Equities		NYSE Arca Options		NYSE Chicago		
General Information						
Firm Name:						
Business Address:						
City:				_ State:	Zip:	
Business Phone:				_ CRD #:		
Authorized Traders						
Full Name:						
Email Address:						
Phone #:				_		
Full Name:						
Email Address:						
Phone #:				_		
Full Name:						
Email Address:						
Phone #:				_		
Full Name:						
Email Address:						
Phone #:				_		
Authorized Signatory						
By (Signature)				Date:		
Print Name:			_			
Title:						
Phone:				Email:		

Additional Authorized Traders are submitted in a separate document attached hereto

Please return via email to crs@nyse.com.

EQUITY CLEARING LETTER OF CONSENT

Letter of Consent – To be completed by Clearing Member (defined below) and Member (set forth below).				
Please select below which market(s) this Equity Clearing	Letter of Consent is to be used for:			
☐ NYSE Arca Equities ☐ NYSE American Equities	☐ NYSE National ☐ NYSE ☐ NYSE Chicago			
The above markets are referred to as an "Exchange" or	the "Exchanges," as relevant.			
The term "Member" refers to a member organization, Equity one or more Exchanges and includes applicants to be a Mer				
The term "Clearing Member" refers to a Member of the same that is a clearing agency that is a member of the National Se				
The undersigned Clearing Member hereby agrees to accept full financial responsibility for all transactions effected through and carried in all accounts held by the following Member with the Clearing Member:				
Member CR	D#			
This Letter of Consent shall be subject to the Rules of the relevant Exchange(s), as amended from time to time, and shall remain in effect until revoked in writing by the Clearing Member.				
Clearing Member (Broker-Dealer Name)				
Clearing Member (NSCC Clearing #)				
Signature of Authorized Officer, Partner or Managing Member of Clearing Member	Signature of Authorized Officer, Partner or Managing Member, or Sole Proprietor of Member			
Print Name / Title	Print Name / Title			
Date	Date			

Please return this form via email to crs@nyse.com.

October 2019

New York Stock Exchange LLC

Retail Member Organization - Broker-Dealer Customer Form

If you are routing retail order flow on behalf of one or more broker-dealer customers, your firm is required to maintain a form with each customer firm. This Form has been created for your convenience as an alternative to creating your own. It should be kept for your files.

files.	er illini. Tilis i olili illas been created for your conven	nerice as an alternative to creating your own. It should be kept for your
1.	Retail Orders and modifications to the NYSE on be which is a registered broker-dealer, pursuant to NY By signing this form, Customer represents that it withat the entry of such orders to the NYSE will be in	, the Retail Member Organization ("RMO"), to route thalf of, (the "Customer"), (SE Rule 107C. ill only send orders to the RMO that are designated as Retail Orders and compliance with the requirements of Rule 107C. A Retail Order is an provided that no change has been made to the terms of the order with
	respect to the side of market, and the order does not methodology. The term "natural persons" refers to the generation of an order by a computer algorithm that are held in a corporate legal form, such as an in	ot originate from a trading algorithm or any other computerized the origination of the order from a request made by a human as opposed to . An order from a "natural person" can include orders on behalf of accounts Individual Retirement Account, Corporation, or a Limited Liability fit of an individual or group of related family members, provided that the
2.		rders sent to an RMO as Retail Orders meet the definition of a Retail Order agency orders that cannot be segregated from Retail Orders due to ne overall number of Retail Orders submitted.
NYSE I	Retail Member Organization	Customer
Signatu	nre	Signature
Print Co	ontact Name	Print Contact Name
Title (m	ust be officer)	Title (must be officer)
Name o	of Member Organization	Name of Member Organization
Web CI	RD#	Web CRD#

NEW YORK STOCK EXCHANGE LLC ("EXCHANGE") FLOOR BROKER EQUITY CLEARING LETTER OF CONSENT

Letter of Consent – To be completed by Clearing Member (defined below) and Member (set forth below) of the Exchange.			
	zation of the Exchange that operates a Floor broker business and hange. The term "Customer" refers to a broker-dealer customer or		
The term "Clearing Member" refers to a member member of the National Securities Clearing Co	er organization of the Exchange that is a clearing agency that is a proporation ("NSCC").		
	resents that it has a relationship with the Customer specified below and all transactions effected through and carried in all accounts held by the		
Morehov	CDD#		
Member	CRD#		
Customer			
This Letter of Consent shall be subject to the Fin effect until revoked in writing by the Clearing	Rules of the Exchange, as amended from time to time, and shall remain Member.		
Clearing Member (Broker-Dealer Name)			
Clearing Member (NSCC Clearing #)			
Signature of Authorized Officer, Partner or Managing Member of Clearing Member	Signature of Authorized Officer, Partner or Managing Member, or Sole Proprietor of Member		
Print Name / Title	Print Name / Title		
Date	Date		

Please return this form via email to crs@nyse.com.

June 2020 1