Because you have chosen to subscribe to the U.S. Securities and Commodities bundle, you are required by the exchange to read the following and acknowledge your acceptance of the U.S. Equites Non-Professional market Data Agreement by clicking on all *I Agree/I Disagree* radio buttons and signing at the bottom of the document with your electronic signature.

NYSE and Amex Terms and General Applicability of Market Data

1. MARKET DATA DEFINITION For all purposes of this Agreement, "Market Data" means	
(a) last sale information and quotation information relating to securities that are listed on a nat	ional securities exchange,
(b) such bond and other equity last sale and quotation information, and such index and exchanges and national securities associations (each, an "Authorizing SRO") may make available Exchange ("AMEX") may from time to time designate as "Market Data"; and	
(c) all information that derives from any such information.	
I agree	I disagree
2. PROPRIETARY NATURE OF DATA - Subscriber understands and acknowledges that each Aut Market Data that originates on or derives from it or its market(s).	horizing SRO and Other Data Disseminator has a proprietary interest in th
I agree	C I disagree
3. ENFORCEMENT - Subscriber understands and acknowledges that	
(a) the Authorizing SROs are third-party beneficiaries under this Agreement and	
(b) the Authorizing SROs or their authorized representative(s) may enforce this Agreement, obtains Market Data that is made available pursuant to this Agreement other than as this Agreement any Authorizing SRO incurs in enforcing this Agreement against Subscriber.	
I agree	I disagree
4. DATA NOT GUARANTEED - Subscriber understands that no Authorizing SRO, no other entite (an "Other Data Disseminator") and no information processor that assists any Authorizing SRO the "Disseminating Parties") guarantees the timeliness, sequence, accuracy or completeness of any Disseminating Party. Neither Subscriber nor any other person shall hold any Disseminating (a) any inaccuracy, error or delay in, or omission of, (i) any such data, information or message, or	O or Other Data Disseminator in making Market Data available (collectively of Market Data or of other market information or messages disseminated to Party liable in any way for
(b) any loss or damage arising from or occasioned by (i) any such inaccuracy, error, delay information or message, due either to any negligent act or omission by any Disseminating Pearthquake or other act of God, fire, war, insurrection, riot, labor dispute, accident, action malfunction) or to any other cause beyond the reasonable control of any Disseminating Party.	arty, to any "force majeure" (e.g., flood, extraordinary weather condition
⊡ I agree	I disagree
5. PERMITTED USE - Subscriber shall not furnish Market Data to any other person or entity an in its business.	d, subject to Paragraph 10, shall use Market Data only for its individual us
I agree	I disagree
6. DISSEMINATION DISCONTINUANCE OR MODIFICATION Subscriber understands and addisseminating any category of Market Data, may change or eliminate any transmission method Authorizing SROs shall not be liable for any resulting liability, loss or damages that may arise the	d and may change transmission speeds or other signal characteristics. Th

I disagree

Paragraph 8,	survive any termination of this Agreer	ment.					
	© .				П		
l agree				I disagree			
8. MISCELLA	NEOUS The laws of the State of New \	ork shall govern this Agre	ement and it s	hall be interpreted in acco	rdance wit	h those laws. This A	greement is subject to
the Securities	s Exchange Act of 1934, the rules pro	mulgated under that act, a	and the joint-ir	dustry plans entered into	pursuant t	to that act. This writi	ng contains the entire
agreement b	etween the parties in respect of its su	bject matter. Subscriber n	nay not assign	all or any part of this Agr	eement to	any other person. T	he person manifesting
assent to this	s agreement below represents and wa	rrants that it has legal ca	pacity to contr	act and, if that person is	manifesting	g assent on behalf of	f a proprietorship or a
business, par	rtnership or other organization, represe	ents and warrants that he	or she has actu	al authority to bind the or	ganization		
	© .				0		
	I agree)				I disagree	
L agree			I disagree				
		OPRA Ex	change A	greement			
ION	PROFESSIONAL	SUBSCRIBE	R	APPLICATION		AND	AGREEMEN1
Last Sale and	l Quotation Information for Person						
ne undersigned	("Applicant") hereby applies to the Venc	dor named above ("Vendor")	for approval as	a Nonprofessional Subscrib	er to receiv	ve for personal nonbus	siness use current option
st sale informa	tion and current options quotation inform	ation (the "Information") pu	iblished by the	Options Price Reporting Auth	ority ("OPR	A") pursuant to a Plan	declared effective by the
ecurities and Ex	xchange Commission. In reviewing and a	pproving this Application and	d Agreement, V	endor is authorized to act or	n behalf of	the OPRA participants,	which are those national
curities exchar	nges and associations who, from time to t	ime, are parties to said Plan	. Applicant ackr	owledges that all representa	itions and a	greements made here	in and all payments mad
ereunder	are for	the	benefit	of	the	OPRA	participants
Sections 1-4 ask	k for information already entered by appli	cant.)					
As a condition	of being approved as a Nonprofessional S	Subscriber,					
oplicant repres	sents and agrees that the following sta	atements are and will con	tinue to be tru	e for so long as Applican	t receives	Information as a No	nprofessional Subscriber
) Applicant is r	making this Application and Agreement in	his or her own individual ca	pacity and not o	n behalf of a firm, corporation	on, partners	ship, trust or association	on. (b) Applicant shall us
ne Information	n solely in connection with his c	or her individual person	al investment	activities and not in	connection	with any trade	or business activitie
	•	·				furnish the Informat	

(d) Applicant is not a securities broker-dealer, investment advisor, futures commission merchant, commodities introducing broker or commodity trading advisor, member of a securities association futures contract market, or an owner, partner, associated person (e) Applicant is not employed by a bank or an insurance company or an affiliate of either to perform functions related to securities or commodity futures investment or trading activity.

- 6. For the privilege of receiving the Information, Applicant agrees to pay to Vendor for the benefit of the OPRA participants the OPRA Nonprofessional Subscriber Fee in such amount and at such times as shall be established by OPRA from time to time, plus any applicable federal, state or local taxes. This Fee shall be in addition to any charges imposed by Vendor. OPRA shall provide notice to Vendor of any change in this Fee not less than 30 days prior to the effectiveness of such change. Vendor shall be responsible for notifying its Nonprofessional Subscribers of all Fee changes.
- 7. Applicant acknowledges that the Information is and shall remain the property of the respective exchange or other market on which a reported transaction took place or a reported quotation was entered, and Applicant shall make no use of the Information except in compliance with the terms of this Application and Agreement.
- 8. DISCLAIMER OF LIABILITY NEITHER OPRA NOR ANY OPRA PARTCIPANT " GUARANTEES THE TIMELINESS, SEQUENCE, ACCURACY OR COMPLETENESS OF ANY OF THE OPTIONS LAST SALE PRICES, QUOTATIO N INFORMATION, OR OTHER MARKET INFORMATION SUPPLIED TO APPLICANT HEREUNDER AND NEITHER OPRA NOR ANY OPRA PARTICIPANT SHALL BE LIABLE IN ANY WAY TO APPLICANT OR TO ANY OTHER PERSON, FOR ANY DELAYS, INACCURACIES, ERRORS IN OR OMISSIONS OF, ANY OF THE INFORMATION OR THE TRANSMISSION THEREOF, OR FOR ANY DAMAGES ARISING THEREFROM OR OCCASIONED THEREBY OR BY REASON OF NONPERFORMANCE OR INTERRUPTION OF AY OF THE OPTIONS LAST SALE PRICES, QUOTATION INFORMATION OR OTHER MARKET INFORMATION SUPPLIED TO APPLICANT FOR ANY CAUSE WHATEVER.
- 9. Applicant's privilege of receiving the Information hereunder may be terminated by Applicant or by Vendor upon 30 days written notice from the terminating party to the other party, and shall be terminated immediately at any time that Vendor or OPRA, determines that Applicant is not in compliance with this Application and Agreement or that any of Applicant's

representations herein are not true. Upon a determination by Vendor or OPRA that Applicant received access to Information as a Nonprofessional Subscriber during any period when Applicant did not meet the qualifications for such access, within 30 days of receipt of written notice of such determination Applicant shall pay to OPRA the full amount of OPRA's Professional Subscriber fee for the period during which "Applicant had access to the Information, less Applicant's Nonprofessional Subscriber fees for such period actually received by OPRA.

- 10. Nothing herein shall be deemed to prevent or restrict any OPRA "Participant from discontinuing to furnish options last sale information or quotation information for dissemination nor to restrict OPRA from making such changes in the speed of transmission, the characteristics of the electrical signals representing the Information or the manner of disseminating the same, as OPRA shall from time to time determine to be appropriate; but in the event of any such discontinuance or change, OPRA shall give such notice thereof to Vendor as is reasonable under the circumstances.
- 11. Applicant agrees to inform Vendor promptly in writing at its address set forth above of any changes in the provided herein and to furnish Vendor any additional information requested by it in connection with Applicant's receipt of the information.

By clicking on the "I AGREE" button below, you agree that:

- i. you have read and you understand all of the terms and conditions set forth in the applicable Non-Professional OPRA Online Subscriber Agreement; and
- ii. you intend to form a legally binding and valid contract under which you will be bound by all of the terms and conditions set forth therein.

