

Thank you for your interest in Lightspeed. On the pages that follow, you will find the forms required for opening an **IRA** account.

To help the federal government fight the funding of terrorism and money laundering activities, Federal Law requires all financial institutions to obtain, verify, and record information that identifies each person who opens an account.

What This Means for You:

When you open an account, we will ask for your name, date of birth, and other information that will allow us to identify you. We may request a copy of your driver's license or other personal identifying documents.

What Will Happen if I Do Not Provide the Information Requested:

We may not be able to open an account or carry out instructions for you. If an account has already been opened for you, we may have to close it.

Please complete the required forms* and return them ***with copies of these additional items*** to the address below:

- Government-issued photo ID

How to Fund Your Account:

You may fund your account as soon as you receive your account number, and you will be able to begin trading within 24 hours of funding your account. ***Please note** that deposits are only accepted from like-named accounts, and funds deposited via check may be subject to a five-business-day hold. Cashier checks and money orders are not accepted.

Return Original Paperwork by Mail to:	
	Lightspeed Financial Services Group 20 Headquarters, Plaza North Tower, 7 th Floor Morristown, NJ 07960 Attn: Account Services

Please call us at 1-888-LSPD-123 (1-888-577-3123) or 1-646-393-4800, or e-mail NewAccounts@lightspeed.com with any additional questions.

ACCOUNT APPLICATION

For Office Use Only: IE Account Number: ☐ New Account ☐ Update to Existing Account*
* Please indicate information being updated:

1. ACCOUNT TYPE: Please check one box only.

- | | | | |
|--|---|--|---|
| <input type="checkbox"/> Individual | <input type="checkbox"/> Joint (rights of survivorship) | <input type="checkbox"/> Joint (tenancy in common) | <input type="checkbox"/> Joint (community property**) |
| <input type="checkbox"/> Custodian for Minor | <input type="checkbox"/> C-Corporation | <input type="checkbox"/> S-Corporation | <input type="checkbox"/> Partnership |
| <input type="checkbox"/> Sole Proprietorship | <input type="checkbox"/> Estate/Conservatorship | <input type="checkbox"/> LLC/LLP | <input type="checkbox"/> Voluntary Association |
| <input type="checkbox"/> Personal Trust | <input type="checkbox"/> Retirement Trust | <input type="checkbox"/> Other _____ | <input type="checkbox"/> IRA (Must accompany form I) |
- ** For AZ, CA, ID, LA, NV, NM, TX, WA and WI only. ☐ KEOGH (Contact Retirement Services)

2. ACCOUNT INFORMATION

FULL TITLE OF ACCOUNT	TAXPAYER ID NUMBER:
	OPTIONAL ACCOUNT FEATURES
	CREDITPLUS® ACCOUNT
	Check writing and Wedbush Gold Card <input type="checkbox"/> Yes (If yes, please complete form CP) <input type="checkbox"/> No
	OPTION ACCOUNT
	If you wish to trade Options, please complete the Options Agreement <input type="checkbox"/> Yes <input type="checkbox"/> No

3. APPLICANT INFORMATION: This section must be completed for all account types

Primary Applicant and/or Beneficial Owner Information				Co-Applicant Information							
Full Legal Name				Full Legal Name							
First	Middle	Last	Suffix	First	Middle	Last	Suffix				
Home Street Address (Cannot be a P.O. Box)				Home Street Address (Cannot be a P.O. Box)							
City		State	Zip	City		State	Zip				
Mailing Address (If different from above. P.O. Box may be used)				Mailing Address (If different from above. P.O. Box may be used)							
City		State	Zip	City		State	Zip				
Home Phone		Alternate Phone		Fax		Home Phone		Alternate Phone		Fax	
E-mail Address				E-mail Address							
Date of Birth (mm/dd/yyyy)		Social Security Number		Date of Birth (mm/dd/yyyy)		Social Security Number					
Marital Status <input type="checkbox"/> Single <input type="checkbox"/> Married		Number of Dependents:		Marital Status <input type="checkbox"/> Single <input type="checkbox"/> Married		Number of Dependents:					
Employment Information <input type="checkbox"/> Employed <input type="checkbox"/> Self-Employed <input type="checkbox"/> Retired <input type="checkbox"/> Student <input type="checkbox"/> Not Employed				Employment Information <input type="checkbox"/> Employed <input type="checkbox"/> Self-Employed <input type="checkbox"/> Retired <input type="checkbox"/> Student <input type="checkbox"/> Not Employed							
Occupation (if retired, former Occupation)		Type of Business		Occupation (if retired, former Occupation)		Type of Business					
Employer		Business Phone		Employer		Business Phone					
Business Address				Business Address							
City		State	Zip	City		State	Zip				
Identification Information (Please attach copy)				Identification Information (Please attach copy)							
Type of ID: <input type="checkbox"/> Driver's License <input type="checkbox"/> Passport <input type="checkbox"/> Other (describe) _____				Type of ID: <input type="checkbox"/> Driver's License <input type="checkbox"/> Passport <input type="checkbox"/> Other (describe) _____							
Identification # _____		Issue Date _____		Identification # _____		Issue Date _____					
State/Country of Issuance _____		Expiration Date _____		State/Country of Issuance _____		Expiration Date _____					
Country of Citizenship <input type="checkbox"/> US <input type="checkbox"/> Other _____				Country of Citizenship <input type="checkbox"/> US <input type="checkbox"/> Other _____							
Country of Legal Residence <input type="checkbox"/> US <input type="checkbox"/> Other _____				Country of Legal Residence <input type="checkbox"/> US <input type="checkbox"/> Other _____							
Country of Tax Residence <input type="checkbox"/> US <input type="checkbox"/> Other _____				Country of Tax Residence <input type="checkbox"/> US <input type="checkbox"/> Other _____							

4. INDUSTRY AND OTHER AFFILIATIONS

Are you, your spouse, or any other immediate family members, including parents, in-laws, siblings and dependents:

- | | |
|--|--|
| Primary Applicant | Co-Applicant |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Yes <input type="checkbox"/> No | <input type="checkbox"/> Yes <input type="checkbox"/> No |

Employed by or associated with our firm?

If yes, what is the relation? _____

Employed by or associated with any other registered broker/dealer or a financial regulatory agency ?

If yes, please specify entity below. If employed by the entity and, if required, please provide a letter from your employer (with this Application) approving establishment of this account.

Name of Entity: _____

An officer, director or 10% (or more) shareholder in a publicly owned company?

Name of Company(ies) and Symbol(s): _____

Applicant Initials _____

Co-Applicant Initials _____

For Office Use Only:

IE

Account Number:

5. INVESTMENT PROFILE: This section must be completed for all account types

Annual Income			Estimate Total Net Worth (excluding home)			Investment Objective		
<input type="checkbox"/> A	<input type="checkbox"/> D	<input type="checkbox"/> Z	<input type="checkbox"/> A	<input type="checkbox"/> D	<input type="checkbox"/> Z	<input type="checkbox"/> A	<input type="checkbox"/> D	
<input type="checkbox"/> B	<input type="checkbox"/> E		<input type="checkbox"/> B	<input type="checkbox"/> E		<input type="checkbox"/> B	<input type="checkbox"/> E	
<input type="checkbox"/> C	<input type="checkbox"/> F		<input type="checkbox"/> C	<input type="checkbox"/> F		<input type="checkbox"/> C	<input type="checkbox"/> F	

Annual Income		Liquid Net Worth (cash, securities, etc.)		Total Net Worth (excluding home)		Tax Bracket
<input type="checkbox"/> \$ 50,000 or less	<input type="checkbox"/> \$500,000 or less	<input type="checkbox"/> \$ 50,000 or less	<input type="checkbox"/> \$500,000 or less	<input type="checkbox"/> \$ 50,000 or less	<input type="checkbox"/> \$500,000 or less	0% <input type="checkbox"/> Decline to state
<input type="checkbox"/> \$100,000 or less	<input type="checkbox"/> \$1 million or less	<input type="checkbox"/> \$100,000 or less	<input type="checkbox"/> \$1 million or less	<input type="checkbox"/> \$100,000 or less	<input type="checkbox"/> \$1 million or less	
<input type="checkbox"/> \$200,000 or less	<input type="checkbox"/> Over \$1 million	<input type="checkbox"/> \$200,000 or less	<input type="checkbox"/> Over \$1 million	<input type="checkbox"/> \$200,000 or less	<input type="checkbox"/> Over \$1 million	

Investment Objective(s) <i>If choosing more than one objective, please rank in order of priority.</i>		Risk Tolerance
<input type="checkbox"/> Income	<i>Emphasis on investments that generate income.</i>	<input type="checkbox"/> Conservative <i>I want to preserve my initial principal in this account, with minimal risk, even if it means this account does not generate significant income or returns and may not keep pace with inflation.</i> <input type="checkbox"/> Moderate <i>I am willing to accept some risk to my initial principal and tolerate some volatility to seek higher returns, and understand I could lose a portion of the money invested.</i> <input type="checkbox"/> Aggressive <i>I am willing to accept maximum risk to my initial principal to aggressively seek maximum returns, and understand I could lose all, or almost all, of the money invested.</i>
<input type="checkbox"/> Growth (also called Capital Gains)	<i>Emphasis on investments more likely to appreciate in principal rather than generate income.</i>	
<input type="checkbox"/> Speculation	<i>Emphasis on potential for significant appreciation; willing to accept a high risk for loss of principal.</i>	
<input type="checkbox"/> Trading	<i>Seeks to take advantage of short term trading opportunities. High turnover, high risk.</i>	
<input type="checkbox"/> Conservation of Capital	<i>Emphasis on investments that are most likely to preserve principal. Low risk.</i>	I wish to allow illiquid investments in this account. <input type="checkbox"/> Yes <input type="checkbox"/> No

Investment Experience			Source of Funds		Investment Allocation
	None	< 5 years	5 + years		The investments in this account will be (check one):
Stocks	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Wages/Income	<input type="checkbox"/> Less than 1/3 of my financial portfolio
Bonds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Pension or Retirement	<input type="checkbox"/> Roughly 1/3 to 2/3 of my financial portfolio
Options	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Funds from another account	<input type="checkbox"/> More than 2/3 of my financial portfolio
Mutual Funds	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Savings	
Annuities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Sale of business or property	Investment Knowledge
Partnerships	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Insurance payout	<input type="checkbox"/> Limited <input type="checkbox"/> Moderate <input type="checkbox"/> Extensive
Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Gift/Inheritance	Investment Time Horizon
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> Other	<input type="checkbox"/> 0 to 5 years <input type="checkbox"/> 5 to 10 years <input type="checkbox"/> over 10 years

You may disclose my name, address and security positions to requesting companies in which I hold securities under Rule 14b-1(c) of the Securities and Exchange Commission. ☐ Yes

I wish to receive ☐ All information ☐ Essential information only ☐ No

Please indicate dividend handling instructions: ☐ Hold ☐ Send ☐ Reinvest

Liquidity Needs
(percent of portfolio you anticipate withdrawing)

0 to 5 years _____ Over 10 years _____

5 to 10 years _____ ☐ Unknown/Not Applicable

6. MUST BE SIGNED BY ALL APPLICANTS

I affirm I wish to open (please check only one) ☐ CASH ACCOUNT ☐ MARGIN ACCOUNT AND CASH ACCOUNT

I affirm I have supplied a valid e-mail address and wish to receive the following electronically: ☐ MONTHLY ACCOUNT STATEMENTS ☐ TRADE CONFIRMATIONS

☐ I wish to have this account added to the household under primary account number _____

By signing below, I agree to advise you promptly in writing of any material changes to the information provided.

By signing below, I affirm I have received The Letter of Understanding ("Letter A") and the Disclosure Statement – Facts About Your Borrowing Costs and Other Matters. I also acknowledge that I have read, understand, and agree to all terms and conditions in the Letter of Understanding and the Disclosure Statement – Facts About Your Borrowing Costs and Other Matters.

I ACKNOWLEDGE THAT THIS AGREEMENT ALSO CONTAINS A PREDISPUTE ARBITRATION PROVISION UNDER PARAGRAPH 9 OF THE DISCLOSURE STATEMENT – FACTS ABOUT YOUR BORROWING COSTS AND OTHER MATTERS.

Applicant Signature: _____ Print Name: _____ Date: _____

Co-Applicant Signature: _____ Print Name: _____ Date: _____

Approvals – FOR OFFICE USE ONLY

IE Signature _____ Printed Name _____ Date _____

Office Manager Signature _____ Printed Name _____ Date _____

Opening Transactions: ☐ Buy ☐ Sell ☐ Deposit Funds ☐ Transfer/Rollover ☐ Deposit Securities

Government ID Verified by: _____ Printed Name _____ Date _____

Date Client Account Agreements Furnished: _____ BRR Date: _____

(Form NA rev 12/2011)

PLEASE INITIAL ALL CORRECTIONS

FORMS RECEIVED WITH CORRECTION FLUID/TAPE NOT ACCEPTED

DISCLOSURE STATEMENT-FACTS ABOUT YOUR BORROWING COSTS AND OTHER MATTERS

1. **INTEREST POLICY:** Your account will be charged on any credit extended to or maintained for you by our Clearing Agent. The annual rate of interest will vary in relation to the size of your daily net debit balance and the prime rate in effect from time to time. The term "prime rate" means the current prime rate as correctly published in the Pacific Edition of the Wall Street Journal. The actual interest rate charged will not exceed the maximum rate of 4 ¼ % above the prime rate. Since the actual rates of interest charged are related to the prime rate, any changes in the prime rate may result in corresponding changes without notice in the actual rates charged. There may be an administrative fee charged to you, in the form of an interest rate increase of not more than six percent which will be determined by us and paid directly to us by the Clearing Agent. Please call your broker for the actual rates currently in effect.
2. **METHOD OF COMPUTING INTEREST:** Your account will be charged interest using a 365 day per year factor on the daily net debit balance in your combined account types. Each day your settled money balances in each account type will be combined in determining your daily net debit balance. A daily net debit balance results whenever the total of combined debit balances exceeds the total of combined free credit balances. For purposes of this calculation, free credit balances exclude credit balances in short accounts, and the sales proceeds included in settled balances from transactions in cash accounts involving non-negotiable long positions, technical short positions and uncovered option positions. Short account credit balances are disregarded because the securities sold by you are not available for delivery and collection of the sales proceeds resulting from short sales. Sales proceeds included in settled balances from the other described sales transactions in cash accounts are disregarded because such credit items are not available to our Clearing Agent, until the related securities sold are rendered deliverable. Although the interest charge is calculated daily, it is generally posted once a month and compounded monthly. Interest charges are summarized on your monthly account statement. The summary uses a weighted average of the daily net debit balance (weighted average balance) and an imputed average interest rate for the period shown. The summary is determined by dividing the total amount of the interest charge (calculated on a daily basis using the actual daily net debit balance and the applicable interest rate) by the product of the weighted average balance multiplied by the number of calendar days the account had a daily net debit balance divided by 365 days. A copy of the daily calculation is available upon written request.
3. **INTEREST CREDIT POLICY:** Your account will be paid interest by our Clearing Agent (unless not permitted by state law) on qualified free credit balances left on deposit for investment or reinvestment purposes only. Unless you advise otherwise, our Clearing Agent will continue to rely on this representation for credit interest. There may be an administrative fee charged to you, in the form of an interest rate decrease of not more than one-half of one percent which will be determined by us and paid directly to us by the Clearing Agent. Monthly interest amounting to under \$6.00 will not be paid. The Clearing Agent's interest participation policy is non-discriminating, uniform and fair. A free credit balance represents funds payable to you upon demand (including checks deposited pending satisfactory clearance) which, although properly accounted for on the books and records, are not segregated and may be used in the conduct of the firm's business, including the financing of customers' securities purchased on margin (subject to the limitations of Section 240.15c3-3 of the Securities Exchange Act of 1934). You have a right to receive, in the course of normal business operations, upon demand, the delivery of: (a) any free credit balance to which you are entitled; (b) any fully paid security to which you are entitled; and (c) any security purchased on margin upon full payment of any indebtedness.
4. **PREPAYMENTS:** Prepaid amounts (i.e. instances where the proceeds from sales transactions are paid to you prior to each respective settlement date) are recorded as debit entries in your account on the date of each prepayment. Such prepayments are included in the money balances when calculating daily net debit balances.
5. **LIENS & ADDITIONAL COLLATERAL:** With respect to all your accounts (either individual or joint with others) carried or maintained by our Clearing Agent containing securities, or other property which has been deposited for any purpose, including safekeeping, our Clearing Agent as pledgee has a general lien on all such property for the discharge of all your obligations to the Clearing Agent, regardless of origin or the number of accounts you may have with such Clearing Agent. The Clearing Agent may require you to deposit additional collateral in accordance with the rules and regulations of various governmental and self-regulatory organizations having jurisdiction over the Clearing Agent. The Clearing Agent also may (but shall have no obligation to) require you to deposit additional collateral as the Clearing Agent, in its sole discretion, determines is needed as additional security for your obligations.
6. **MARKING-TO-THE-MARKET:** All short positions in your short account will be "marked to the market", which means that the money balance maintained in the short account will be adjusted from time to time to reflect any changes in the market value of the short securities. The opposite side of such adjustments will be reflected in your margin account balance, thus increasing or decreasing the money balance in the margin account, which is the amount used in computing your interest charge. For example, if you are short 1000 shares of XYZ against a credit balance in your short account of \$50,000, and XYZ falls to \$40 per share, the credit balance in your short account will be reduced by \$10,000 and a corresponding \$10,000 credit adjustment will be made in your margin account, thereby decreasing the amount subject to interest by \$10,000.
7. **DIVIDEND AND INTEREST PAYMENTS:** When you select the payment option, dividends and interest (including other similar distributions) generally will be distributed to you on a monthly basis.
8. **CLEARING AGENT'S PRIVACY POLICY:** The Clearing Agent collects "nonpublic personal information" from us. This information may be used by them in order to provide the services outlined in the "Letter of Understanding" you signed upon establishing your account with us. On our behalf, they may also submit and collect nonpublic and public information about you to or from consumer and industry reporting agencies. This information may relate to transactions and other activities with us or with others. The Clearing Agent may disclose any information when they believe it necessary to conduct their business, or where disclosure is required by law. The Clearing Agent will not sell any information about you. The Clearing Agent maintains physical and electronic safeguards to protect your nonpublic and public personal information in its possession.
9. **THIS AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE. BY SIGNING AN ARBITRATION AGREEMENT THE PARTIES AGREE AS FOLLOWS:**
 - (A) ALL PARTIES TO THIS AGREEMENT ARE GIVING UP THE RIGHT TO SUE EACH OTHER IN COURT, INCLUDING THE RIGHT TO A TRIAL BY JURY, EXCEPT AS PROVIDED BY THE RULES OF THE ARBITRATION FORUM IN WHICH A CLAIM IS FILED.
 - (B) ARBITRATION AWARDS ARE GENERALLY FINAL AND BINDING; A PARTY'S ABILITY TO HAVE A COURT REVERSE OR MODIFY AN ARBITRATION AWARD IS VERY LIMITED.
 - (C) THE ABILITY OF THE PARTIES TO OBTAIN DOCUMENTS, WITNESS STATEMENTS AND OTHER DISCOVERY IS GENERALLY MORE LIMITED IN ARBITRATION THAN IN COURT PROCEEDINGS.
 - (D) THE ARBITRATORS DO NOT HAVE TO EXPLAIN THE REASON(S) FOR THEIR AWARD UNLESS, IN AN ELIGIBLE CASE, A JOINT REQUEST FOR AN EXPLAINED DECISION HAS BEEN SUBMITTED BY ALL PARTIES TO THE PANEL AT LEAST 20 DAYS PRIOR TO THE FIRST SCHEDULED HEARING DATE.
 - (E) THE PANEL OF ARBITRATORS WILL TYPICALLY INCLUDE A MINORITY OF ARBITRATORS WHO WERE OR ARE AFFILIATED WITH THE SECURITIES INDUSTRY.
 - (F) THE RULES OF SOME ARBITRATION FORUMS MAY IMPOSE TIME LIMITS FOR BRINGING A CLAIM IN ARBITRATION. IN SOME CASES, A CLAIM THAT IS INELIGIBLE FOR ARBITRATION MAY BE BROUGHT IN COURT.
 - (G) THE RULES OF THE ARBITRATION FORUM IN WHICH THE CLAIM IS FILED, AND ANY AMENDMENTS THERETO, SHALL BE INCORPORATED INTO THIS AGREEMENT.

BY SIGNING THE "ACCOUNT AGREEMENT, TAXPAYER CERTIFICATION AND BENEFICIAL OWNERSHIP ELECTION" FORM (THE "AGREEMENT") YOU AGREE, AND BY ESTABLISHING AN ACCOUNT FOR YOU, WE AND OUR CLEARING FIRM AGREE THAT ALL CONTROVERSIES WHICH MAY ARISE BETWEEN YOU AND OUR FIRM AND/OR OUR CLEARING AGENT (OR ANY OF OUR/THEIR OFFICERS, EMPLOYEES OR AGENTS OR ASSIGNEES) CONCERNING ANY TRANSACTION OR THE CONSTRUCTION, PERFORMANCE OR BREACH OF THIS OR ANY OTHER AGREEMENT BETWEEN YOU AND OUR FIRM AND/OR OUR CLEARING AGENT, SHALL BE DETERMINED BY ARBITRATION IN ACCORDANCE WITH THE RULES, THEN IN EFFECT, OF THE FINANCIAL INDUSTRY REGULATORY AUTHORITY, THE NEW YORK STOCK EXCHANGE OR ANY OTHER EXCHANGE OR FORUM OF WHICH OUR FIRM AND/OR OUR CLEARING AGENT IS A MEMBER, AS YOU MAY ELECT. IF YOU DO NOT MAKE SUCH ELECTION BY REGISTERED MAIL SENT TO OUR FIRM AT ITS MAIN OFFICE WITHIN TEN (10) DAYS AFTER THE RECEIPT OF NOTIFICATION FROM OUR FIRM AND/OR OUR CLEARING AGENT REQUESTING SUCH AN ELECTION, THEN YOU AUTHORIZE US TO MAKE SUCH ELECTION ON YOUR BEHALF.

FURTHERMORE, YOU AGREE AND ACKNOWLEDGE, AND OUR FIRM AND OUR CLEARING AGENT AGREE AND ACKNOWLEDGE THAT NO PERSON SHALL BRING A PUTATIVE OR CERTIFIED CLASS ACTION TO ARBITRATION, NOR SEEK TO ENFORCE ANY PREDISPUTE ARBITRATION AGREEMENT AGAINST ANY PERSON WHO HAS INITIATED IN COURT A PUTATIVE CLASS ACTION; OR WHO IS A MEMBER OF A PUTATIVE CLASS ACTION 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 CUSTOMER 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 AGREEMENT EXCEPT TO THE EXTENT STATED HEREIN.



TRADITIONAL AND ROTH

SELF-DIRECTED

INDIVIDUAL RETIREMENT ACCOUNT

FORM I-C
ADOPTION AGREEMENT

I.E. _____ Account _____

1. PERSONAL INFORMATION (Must Complete)

Full Name of Participant (First, Middle, Last)			Name of Correspondent Broker	
Residence Address (P.O. Box not sufficient)				
City	State	Zip	Marital Status	
Mailing Address (if different from Residence)			Date of Birth	
Attn :				
Address			Soc. Sec. #	
City	State	Zip	Citizenship	

BENEFICIAL OWNERSHIP DISCLOSURE ELECTION

In connection with securities positions held by us for your benefit, Rule 14b-1(c) of the Securities Exchange Act requires us to disclose to an issuer the name, address and securities position of each beneficial owner of such issuer's securities, unless the beneficial owner objects to such disclosure. If you object to the disclosure of such information, check the box below:

☐ Yes, I do object to the disclosure of this information.

2. IRA ACCOUNT TYPE (Check One Only)

TRADITIONAL				ROTH	
<input type="checkbox"/> CONTRIBUTORY IRA ACCOUNT	<input type="checkbox"/> SEP IRA ACCOUNT Attach copy of Simplified Employee Pension "SEP" Agreement.	<input type="checkbox"/> SAR-SEP IRA ACCOUNT Attach copy of Salary Reduction Simplified Employee Pension "SAR-SEP" Agreement.	<input type="checkbox"/> IRA ROLLOVER HOLDING ACCOUNT	<input type="checkbox"/> INHERITED IRA <input type="checkbox"/> Traditional or <input type="checkbox"/> Roth Attach copy of death certificate and previous account statement.	<input type="checkbox"/> ROTH IRA ACCOUNT

3. SOURCE OF INITIAL CONTRIBUTIONS (Check all applicable boxes)

☐ NEW FUNDS

\$ _____ for Year _____ \$ _____ for Year _____

☐ CONVERSION OF ASSETS (Attach copy of Previous Account Statement)
- Use for conversions of assets from a Traditional IRA to a Roth IRA.

☐ TRANSFER OF ASSETS (Complete Account Transfer Form)

☐ ROLLOVER OF IRA ASSETS (Attach copy of Previous Account Statement)
- Use for contributions of assets received from another IRA account within the past 60 days.

☐ ROLLOVER OF QUALIFIED PLAN TRUST ASSETS (Attach copy of Previous Account Statement)
- Use for contributions of assets directly rolled over from a qualified employee retirement plan.
- Use for contributions of assets received from a qualified employee retirement plan within the past 60 days.

A. Primary Beneficiary (ies)

Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits
Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits
Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits

Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits
Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits
Name	Soc. Sec. #	Date of Birth	Relationship	% Benefits

(Full Signature of Spouse)

(Date)

Participant: _____
(Signature)

(Date)

Parent or Guardian: _____
(If participant is under 18 years of age, parent or guardian must also sign and date above)

(Print Name)

(Signature)

(Date)

By Authorized Person: _____
(Print Name)

(Print Name)

(Signature)

0405

INDIVIDUAL RETIREMENT CUSTODIAL ACCOUNT

PROTOTYPE PLAN AGREEMENT

PREAMBLE

Wedbush Morgan Securities, Inc. ("Wedbush" or "Custodian") hereby establishes its self-directed custodial account pursuant to which Wedbush will act as Custodian for the exclusive benefit of the individual who adopts the plan. By signing the Adoption Agreement, the individual consents to participation in the IRA and consents to be bound by its provisions. The IRA will be effective upon the written acceptance of the Custodian. The IRA herein is being made available to the IRA Holder by the Correspondent Broker as part of an existing Correspondent Clearing Agreement between the IRA Holder's Correspondent Broker and the Custodian.

The Custodian named on the Adoption Agreement has given the IRA Holder the disclosure statement required under Regulations section 1.408-6.

The IRA Holder and the Custodian make the following agreement:

ARTICLE I. PURPOSE OF THE AGREEMENT

- 1.01 *Purpose of the Agreement.* The purpose of this Agreement is to establish a Traditional IRA under Code section 408(a) or a Roth IRA under Code section 408A, as indicated on the Adoption Agreement, to provide for the IRA Holder's retirement and for the support of his or her Beneficiary(ies) after death. The account is established for the exclusive benefit of the IRA Holder or his or her Beneficiary(ies).
- 1.02 *Intent to Qualify.* It is the intent of the IRA Holder that this Agreement shall qualify for approval under Code section 408A if Roth IRA is selected on the Adoption Agreement or under Code section 408(a) if Traditional IRA is selected. In no event will the custodial account established under this Agreement operate as both a Traditional IRA and a Roth IRA.
- 1.03 *For More Information.* To obtain more information concerning the rules governing this Agreement, contact the Prototype Sponsor or Custodian listed on the Adoption Agreement.

ARTICLE II. DEFINITIONS

The following words and phrases when used in this Agreement with initial capital letters shall, for the purpose of this Agreement, have the meanings set forth below unless the context indicates that other meanings are intended:

- 2.01 *Adoption Agreement:* Means the document executed by the IRA Holder through which the individual adopts this Agreement and thereby agrees to be bound by all terms and conditions of this Agreement.
- 2.02 *Agreement:* Means this IRA prototype plan Agreement, including the Adoption Agreement that was completed and signed to establish this Agreement.
- 2.03 *Beneficiary:* Means the individual(s) or entity(ies) properly named to receive any remaining IRA benefits upon the death of the IRA Holder.
- 2.04 *Code:* Means the Internal Revenue Code of 1986, as amended from time to time.
- 2.05 *Compensation:* For purposes of Sections 3.01(A) and 4.01(A) of this Agreement, compensation means wages, salaries, professional fees, or other amounts derived from or received for personal services actually rendered (including, but not limited to commissions paid salespersons, compensation for services on the basis of a percentage of profits, commissions on insurance premiums, tips, and bonuses). Compensation for a self-employed individual includes earned income, as defined in Code section 401(c)(2) (reduced by the deduction the self-employed IRA Holder takes for contributions made to a self-employed retirement plan). For purposes of this definition, Code section 401(c)(2) shall be applied as if the term trade or business for purposes of Code section 1402 included service described in Code section 1402(c)(6). Compensation shall include any amount includible in the IRA Holder's gross income under Code section 71 with respect to a divorce or separation instrument. In the case of a married individual filing a joint return, the greater Compensation of his or her spouse is treated as his or her own Compensation, but only to the extent that such spouse's Compensation is not being used for purposes of the spouse making a contribution to a Roth IRA or a deductible contribution to a nonRoth IRA.

Compensation does not include amounts derived from or received as earnings or profits from property (including but not limited to interest and dividends) or amounts not includible in gross income. Compensation also does not include any amount received as a pension or annuity or as deferred compensation.
- 2.06 *Conversion Contribution:* Means a contribution described in Code section 408A(e) from a Traditional or SIMPLE IRA to a Roth IRA.
- 2.07 *Correspondent Broker:* Means a broker/dealer entity which elects to provide its customers with the means of establishing an IRA on a correspondent basis pursuant to the Correspondent Broker Clearing Agreement between such broker/dealer and the Custodian.
- 2.08 *Correspondent Broker Clearing Agreement:* Means a contractual arrangement between the Correspondent Broker and Wedbush, as clearing agent, in which Wedbush will provide cashing services; monitoring compliance of credit according to applicable rules, regulations and policies; prepare and mail trade notifications and periodic account statements; and provide for the dissemination of proxy, tender offer and other similar shareholder materials. In addition, the clearing agent may provide, upon specific instructions, order execution and/or certificate clearance. Wedbush, as Custodian and/or clearing agent, will not be

involved with nor have responsibility for decisions or instructions regarding transactions in the IRA Holder's account.

- 2.09 *Custodian:* Means Wedbush, who has the approval of the Internal Revenue Service (IRS) to act as Custodian, or their successor.
- 2.10 *Designated Beneficiary:* Means the Beneficiary named as of the date of the IRA Holder's death who remains Beneficiary as of September 30 of the year following the year of the IRA Holder's death.
- 2.11 *IRA:* Means either Traditional IRA or Roth IRA unless otherwise indicated.
- 2.12 *IRA Holder:* Means the individual whose name appears on the Adoption Agreement, who is establishing the IRA.
- 2.13 *Prototype Sponsor:* Means the entity specified on the Adoption Agreement which sponsors this prototype plan.
- 2.14 *Regulations:* Means the Treasury Regulations.
- 2.15 *Roth IRA:* Means an individual retirement account as defined in Code section 408A.
- 2.16 *SIMPLE IRA:* Means the individual retirement account which satisfies the requirements of Code sections 408(p) and 408(a).
- 2.17 *Traditional IRA:* Means an individual retirement account as defined in Code section 408(a).

ARTICLE III. PROVISIONS GOVERNING ROTH IRAS

This Article III shall only apply if this IRA has been designated by the IRA Holder on the Adoption Agreement as a Roth IRA.

3.01 Contribution Rules.

- A. **Maximum Permissible Amount.** Except in the case of a rollover contribution described in Code section 408A(e), a recharacterized contribution described in Code section 408A(d)(6), or a conversion contribution, no contributions will be accepted unless they are in cash, and the total of such contributions shall not exceed the lesser of 100 percent of the Roth IRA Holder's Compensation, or: \$3,000 for any taxable year beginning in 2002 through 2004; \$4,000 for any taxable year beginning in 2005 through 2007; and \$5,000 for any taxable year beginning in 2008 and years thereafter. After 2008, the applicable contribution limit may be adjusted by the Secretary of the Treasury for cost-of-living increases under Code section 219(b)(5)(D). Such adjustments will be in multiples of \$500.

If the Roth IRA Holder makes regular contributions to both Roth and Traditional IRAs for a taxable year, the maximum regular contribution that can be made to all the Roth IRA Holder's Roth IRAs for that taxable year is reduced by the regular contributions made to the Roth IRA Holder's Traditional IRAs for the taxable year.

Contributions may be further limited if the Roth IRA Holder's modified adjusted gross income (MAGI) exceeds the limits described in Section 3.01(E) of this Agreement.

Qualified Rollover contribution means a rollover contribution of a distribution from an IRA that meets the requirements of Code section 408(d)(3), except the one-rollover-per-year rule of Code section 408(d)(3)(B) does not apply if the rollover contribution is from an IRA other than a Roth IRA.

For taxable years beginning after 2005, a qualified rollover contribution includes a rollover from a designated Roth account described in Code section 402A; and for taxable years beginning after 2007, a qualified rollover contribution also includes a rollover from an eligible retirement plan described in Code section 402(c)(8)(B).

- B. **Catch-up Contributions.** In the case of a Roth IRA Holder who is age 50 or older by the close of the taxable year, the annual cash contribution limit is increased by \$500 for any taxable year beginning in 2002 through 2005; and \$1,000 for any taxable year beginning in 2006 and years thereafter.
- C. **Qualified Reservist Repayments** –Notwithstanding the dollar limits on contributions, a Roth IRA Holder may make a repayment of a qualified reservist distribution described in Code section 72(t)(2)(G) during the two-year period beginning on the day after the end of the active duty period or by August 17, 2008, if later.
- D. **Employees of Certain Bankrupt Employers** – A Roth IRA Holder who was a participant in a Code section 401(k) plan of a certain employer in bankruptcy described in Code section 219(c)(5)(C) may contribute up to \$3,000 for taxable years beginning after 2006 and before 2010 only. A Roth IRA Holder who makes contributions under this section may not also make catch-up contributions.
- E. **Regular Contribution Limit.** If a Roth IRA Holder's MAGI falls within certain limits, as described in the following table, the maximum regular contribution that can be made to all the Roth IRA Holder's Roth IRAs for a taxable year is phased out ratably in accordance with the following table.

<u>Filing Status</u>	<u>Full Contribution</u>	<u>Phase-Out Range Modified AGI</u>	<u>No Contribution</u>
Single or Head of Household	\$95,000 or less	Between \$95,000 and \$110,000	\$110,000 or more
Joint Return or Qualifying Widow(er)	\$150,000 or less	Between \$150,000 and \$160,000	\$160,000 or more
Married - Separate Return	\$0	Between \$0 and \$10,000	\$10,000 or more

If the Roth IRA Holder's MAGI for a taxable year is in the phase-out range, the maximum regular contribution determined under this table for that taxable year is rounded up to the next multiple of \$10 and is not reduced below \$200. After 2006, the modified adjusted gross income limits above will be adjusted by the Secretary of the Treasury for cost-of-living increases under Code section 408A(c)(3). Such adjustments will be in multiples of \$1,000.

F. Qualified Rollover (Conversion) Contribution Limit. A rollover from an eligible retirement plan other than a Roth IRA or a designated Roth account cannot be made to this Roth IRA if, for the year the amount is distributed from the other plan:

- (1) the Roth IRA Holder is married and files a separate income tax return,
- (2) the Roth IRA Holder is not married and has MAGI in excess of \$100,000, or
- (3) the Roth IRA Holder is married and together the Roth IRA Holder and the his or her spouse have MAGI in excess of \$100,000.

For purposes of the preceding sentence, a husband and wife are not treated as married for a taxable year if they have lived apart at all times during that taxable year and file separate income tax returns for the taxable year.

For taxable years beginning after 2009, the MAGI and filing limits in this section do not apply to qualified rollover contributions.

A SIMPLE IRA may only be converted to a Roth IRA provided two years have passed since the SIMPLE IRA holder first participated in a SIMPLE IRA plan.

G. Recharacterization. A regular contribution to a Traditional or SIMPLE IRA may be recharacterized pursuant to the rules in Regulations section 1.408A-5 as a regular contribution to this Roth IRA, subject to the limits in Section 3.01(E) of this Agreement.

H. Modified Adjusted Gross Income. For purposes of Section 3.01(E) and (F) of this Agreement, a Roth IRA Holder's MAGI for a taxable year is defined in Code section 408A(c)(3)(C)(i) and does not include any amount included in adjusted gross income as a result of a rollover from an eligible retirement plan other than a Roth IRA (a conversion).

G. SIMPLE IRA. No contributions will be accepted under a SIMPLE IRA plan established by any employer pursuant to Code Section 408(p). Also, no transfer or rollover of funds attributable to contributions made by a particular employer under its SIMPLE IRA plan will be accepted from a SIMPLE IRA, that is, an IRA used in conjunction with a SIMPLE IRA plan, prior to the expiration of the two-year period beginning on the date the employee first participated in that employer's SIMPLE IRA plan.

3.02 **Roth IRA Holder Distributions.** No amount is required to be distributed prior to the death of the Roth IRA holder for whose benefit the account was originally established. After the Roth IRA Holder's death, however, the Beneficiary(ies) must begin taking distributions in accordance with Section 3.03 of this Agreement.

3.03 **Beneficiary Rights.** If the Roth IRA Holder dies before his or her entire interest is distributed to him or her, the entire remaining interest will be distributed as follows.

A. Notwithstanding any provision of this Roth IRA to the contrary, the distribution of the Roth IRA Holder's interest in the account shall be made in accordance with the requirements of Code section 408(a)(6), as modified by Code section 408A(c)(5), and the Regulations thereunder, the provisions of which are herein incorporated by reference. If distributions are made from an annuity contract purchased from an insurance company, distributions thereunder must satisfy the requirements of Regulations section 1.401(a)(9)-6T (taking into account Code section 408A(c)(5)), rather than the distribution rules in Section 3.03(B), (C), and (D) of this Agreement.

B. Upon the death of the Roth IRA Holder, his or her entire interest will be distributed at least as rapidly as follows.

- (i) If the Designated Beneficiary is someone other than the Roth IRA Holder's surviving spouse, the entire interest will be distributed, starting by the end of the calendar year following the calendar year of the Roth IRA Holder's death, over the remaining life expectancy of the Designated Beneficiary, with such life expectancy determined using the age of the Beneficiary as of his or her birthday in the year following the year of the Roth IRA Holder's death, or, if elected, in accordance with Section 3.03(B)(iii) of this Agreement.
- (ii) If the Roth IRA Holder's sole Designated Beneficiary is his or her surviving spouse, the entire interest will be distributed, starting by the

end of the calendar year following the calendar year of the Roth IRA Holder's death (or by the end of the calendar year in which the Roth IRA Holder would have attained age 70½, if later), over such spouse's life, or, if elected, in accordance with Section 3.03(B)(iii) of this Agreement. If the surviving spouse dies before distributions are required to begin, the remaining interest will be distributed, starting by the end of the calendar year following the calendar year of the spouse's death, over the spouse's Designated Beneficiary's remaining life expectancy determined using such Beneficiary's age as of his or her birthday in the year following the death of the spouse, or, if elected, will be distributed in accordance with Section 3.03(B)(iii) of this Agreement. If the surviving spouse dies after distributions are required to begin, any remaining interest will be distributed over the spouse's remaining life expectancy determined using the spouse's age as of his or her birthday in the year of the spouse's death.

(iii) If there is no Designated Beneficiary, or if applicable by operation of Section 3.03(B)(i) or (B)(ii) of this Agreement, the entire interest will be distributed by the end of the calendar year containing the fifth anniversary of the Roth IRA Holder's death (or of the spouse's death in the case of the surviving spouse's death before distributions are required to begin under Section 3.03(B)(ii) of this Agreement).

(iv) The amount to be distributed each year under Section 3.03(B)(i) or (ii) of this Agreement is the quotient obtained by dividing the value of the Roth IRA as of the end of the preceding year by the remaining life expectancy specified in Section 3.03 of this Agreement. Life expectancy is determined using the Single Life Table in Q&A-1 of Regulations section 1.401(a)(9)-9. If distributions are being made to a surviving spouse as the sole Designated Beneficiary, such spouse's remaining life expectancy for a year is the number in the Single Life Table corresponding to such spouse's age in the year. In all other cases, remaining life expectancy for a year is the number in the Single Life Table corresponding to the Beneficiary's age in the year specified in Section 3.03(B)(i) or (ii) of this Agreement and reduced by one for each subsequent year.

C. The value of the Roth IRA for purposes of this Section is the prior December 31 balance adjusted to include the amount of any outstanding rollovers, transfers and recharacterizations under Q&As-7 and -8 of Regulations section 1.408-8.

D. If the Designated Beneficiary is the Roth IRA Holder's surviving spouse, the spouse may elect to treat the IRA as his or her own Roth IRA. This election will be deemed to have been made if such surviving spouse, who is the sole Beneficiary of the Roth IRA, makes a contribution to the Roth IRA or fails to take required distributions as a Beneficiary.

E. If the Beneficiary fails to request a distribution by December 31 of the year following the year the Roth IRA Holder dies, the Custodian reserves the right to elect, in its complete and sole discretion, to do any one of the following:

- make no distribution until the Beneficiary(ies) provides the Custodian a proper withdrawal request;
- distribute the entire Roth IRA to the Beneficiary(ies) in a single sum payment; or
- distribute the entire remaining interest to the Beneficiary(ies) pursuant to the applicable option in Section 3.03(B) of this Agreement.

The Custodian will not be liable for any penalties or taxes related to the Beneficiary's(ies') failure to take a required minimum distribution.

3.04 **Transfers and Rollovers.** The Custodian can receive amounts transferred or rolled over to this Roth IRA from the trustee or custodian of another Roth IRA as permitted by Code or applicable Regulations. The Custodian reserves the right not to accept any transfer or rollover.

ARTICLE IV. PROVISIONS GOVERNING TRADITIONAL IRAS

This Article IV shall only apply if this IRA has been designated by the IRA Holder on the Adoption Agreement as a Traditional IRA.

4.01 Contribution Rules.

A. **Maximum Permissible Amount.** Except in the case of a rollover contribution (as permitted by Code sections 402(c), 402(e)(6), 403(a)(4), 403(b)(8), 403(b)(10), 408(d)(3) and 457(e)(16)) or a contribution made in accordance with the terms of a Simplified Employee Pension (SEP) plan as described in Code section 408(k), no contributions will be accepted unless they are in cash, and the total of such contributions shall not exceed the lesser of 100 percent of the Traditional IRA Holder's Compensation, or \$3,000 for any taxable year beginning in 2002 through 2004; \$4,000 for any taxable year beginning in 2005 through 2007; and \$5,000 for any taxable year beginning in 2008 and years thereafter.

After 2008, the limit will be adjusted by the Secretary of the Treasury for cost-of-living increases under Code section 219(b)(5)(D). Such adjustments will be in multiples of \$500.

If the Traditional IRA Holder makes regular contributions to both Traditional and Roth IRAs for a taxable year, the maximum regular contribution that can be made to all the Traditional IRA Holder's Traditional IRAs for that taxable year is reduced by the regular contributions made to the Traditional IRA Holder's Roth IRAs for the taxable year.

- B. **Catch-up Contributions.** In the case of a Traditional IRA Holder who is age 50 or older by the close of the taxable year, the annual cash contribution limit is increased by \$500 for any taxable year beginning in 2002 through 2005; and \$1,000 for any taxable year beginning in 2006 and years thereafter.
- C. **Qualified Reservist Repayments**—A Traditional IRA Holder may make a repayment of a qualified reservist distribution described in Code section 72(t)(2)(G) during the two-year period beginning on the day after the end of the active duty period or by August 17, 2008, if later.
- D. **Employees of Certain Bankrupt Employers**—A Traditional IRA Holder who was a participant in a Code section 401(k) plan of a certain employer in bankruptcy described in Code section 219(c)(5)(C) may contribute up to \$3,000 for taxable years beginning after 2006 and before 2010 only. A Traditional IRA Holder who makes contributions under this section may not also make catch-up contributions.
- E. **SIMPLE IRA.** No contributions will be accepted under a SIMPLE IRA plan established by any employer pursuant to Code section 408(p). Also, no transfer or rollover of funds attributable to contributions made by a particular employer under its SIMPLE IRA plan will be accepted from a SIMPLE IRA, that is, an IRA used in conjunction with a SIMPLE IRA plan, prior to the expiration of the two-year period beginning on the date the employee first participated in that employer's SIMPLE IRA plan.

4.02 Traditional IRA Holder Distributions.

- A. Notwithstanding any provision of this Agreement to the contrary, the distribution of the Traditional IRA Holder's interest in this Traditional IRA shall be made in accordance with the requirements of Code section 408(a)(6) and the Regulations thereunder, the provisions of which are herein incorporated by reference. If distributions are made from an annuity contract purchased from an insurance company, distributions thereunder must satisfy the requirements of Q&A-4 of Regulations section 1.401(a)(9)-6T, rather than Section 4.02(B), (C) and (D) and Section 4.03 of this Agreement. The required minimum distributions calculated for this Traditional IRA may be withdrawn from another Traditional IRA of the Traditional IRA Holder in accordance with Q&A-9 of Regulations section 1.408-8.
- B. The entire value of the account of the Traditional IRA Holder for whose benefit the account is maintained will begin to be distributed no later than the first day of April following the calendar year in which such Traditional IRA Holder attains age 70½ (the required beginning date) over the life of such Traditional IRA Holder or the lives of such Traditional IRA Holder and his or her Designated Beneficiary.
- C. The amount to be distributed each year, beginning with the calendar year in which the Traditional IRA Holder attains age 70½ and continuing through the year of death, shall not be less than the quotient obtained by dividing the value of the Traditional IRA (as modified by Section 4.03(C) of this Agreement) as of the end of the preceding year by the distribution period in the Uniform Lifetime Table in Q&A-2 of Regulations section 1.401(a)(9)-9, using the Traditional IRA Holder's age as of his or her birthday in the year. However, if the Traditional IRA Holder's sole Designated Beneficiary is his or her surviving spouse and such spouse is more than 10 years younger than the Traditional IRA Holder, then the distribution period is determined under the Joint and Last Survivor Table in Q&A-3 of Regulations section 1.401(a)(9)-9, using the ages as of the Traditional IRA Holder's and spouse's birthdays in the year.
- D. The required minimum distribution for the year the Traditional IRA Holder attains age 70½ can be made as late as April 1 of the following year. The required minimum distribution for any other year must be made by the end of such year.
- E. If the IRA Holder fails to request his or her required minimum distribution by his or her required beginning date, the Custodian can, at its complete and sole discretion, do any one of the following:
- make no distribution until the IRA Holder provides a proper withdrawal request to the Custodian;
 - distribute the entire Traditional IRA to the IRA Holder in a single sum payment; or
 - determine the IRA Holder's required minimum distribution from the Traditional IRA each year based on the IRA Holder's life expectancy, calculated using the Uniform Lifetime Table in Regulations section 1.401(a)(9)-9, and pay those distributions to the IRA Holder until directed otherwise.

The Custodian will not be liable for any penalties or taxes related to the Traditional IRA Holder's failure to take a required minimum distribution.

4.03 Beneficiary Rights. If the Traditional IRA Holder dies before his or her entire interest is distributed to him or her, the entire remaining interest will be distributed as follows.

- A. **Death on or After Required Beginning Date.** If the Traditional IRA Holder dies on or after the required beginning date, the remaining portion of his or her interest will be distributed at least as rapidly as follows.
1. If the Designated Beneficiary is someone other than the Traditional IRA Holder's surviving spouse, the remaining interest will be distributed over the remaining life expectancy of the Designated

Beneficiary, with such life expectancy determined using the Beneficiary's age as of his or her birthday in the year following the year of the Traditional IRA Holder's death, or over the period described in Section 4.03(A)(3) of this Agreement if longer.

2. If the Traditional IRA Holder's sole Designated Beneficiary is the Traditional IRA Holder's surviving spouse, the remaining interest will be distributed over such spouse's life or over the period described in Section 4.03(A)(3) of this Agreement if longer. Any interest remaining after such spouse's death will be distributed over such spouse's remaining life expectancy determined using the spouse's age as of his or her birthday in the year of the spouse's death, or, if the distributions are being made over the period described in Section 4.03(A)(3) of this Agreement, over such period.
 3. If there is no Designated Beneficiary, or if applicable by operation of Section 4.03(A)(1) or (A)(2) of this Agreement, the remaining interest will be distributed over the Traditional IRA Holder's remaining life expectancy determined in the year of the Traditional IRA Holder's death.
 4. The amount to be distributed each year under Section 4.03(A)(1), (2) or (3) of this Agreement, beginning with the calendar year following the calendar year of the Traditional IRA Holder's death, is the quotient obtained by dividing the value of the Traditional IRA as of the end of the preceding year by the remaining life expectancy specified in Section 4.03 of this Agreement. Life expectancy is determined using the Single Life Table in Q&A-1 of Regulations section 1.401(a)(9)-9. If distributions are being made to a surviving spouse as the sole Designated Beneficiary, such spouse's remaining life expectancy for a year is the number in the Single Life Table corresponding to such spouse's age in the year. In all other cases, remaining life expectancy for a year is the number in the Single Life Table corresponding to the Beneficiary's or Traditional IRA Holder's age in the year specified in Section 4.03(A)(1), (2) or (3) of this Agreement and reduced by one for each subsequent year.
- B. **Death Before Required Beginning Date.** If the Traditional IRA Holder dies before the required beginning date, his or her entire interest will be distributed at least as rapidly as follows.
1. If the Designated Beneficiary is someone other than the Traditional IRA Holder's surviving spouse, the entire interest will be distributed, starting by the end of the calendar year following the calendar year of the Traditional IRA Holder's death, over the remaining life expectancy of the Designated Beneficiary, with such life expectancy determined using the age of the Beneficiary as of his or her birthday in the year following the year of the Traditional IRA Holder's death, or, if elected, in accordance with Section 4.03(B)(3) of this Agreement.
 2. If the Traditional IRA Holder's sole Designated Beneficiary is the Traditional IRA Holder's surviving spouse, the entire interest will be distributed, starting by the end of the calendar year following the calendar year of the Traditional IRA Holder's death (or by the end of the calendar year in which the Traditional IRA Holder would have attained age 70½, if later), over such spouse's life, or, if elected, in accordance with Section 4.03(B)(3) of this Agreement. If the surviving spouse dies before distributions are required to begin, the remaining interest will be distributed, starting by the end of the calendar year following the calendar year of the spouse's death, over the spouse's Designated Beneficiary's remaining life expectancy determined using such Beneficiary's age as of his or her birthday in the year following the death of the spouse, or, if elected, will be distributed in accordance with Section 4.03(B)(3) of this Agreement. If the surviving spouse dies after distributions are required to begin, any remaining interest will be distributed over the spouse's remaining life expectancy determined using the spouse's age as of his or her birthday in the year of the spouse's death.
 3. If there is no Designated Beneficiary, or if applicable by operation of Section 4.03(B)(1) or (B)(2) of this Agreement, the entire interest will be distributed by the end of the calendar year containing the fifth anniversary of the Traditional IRA Holder's death (or of the spouse's death in the case of the surviving spouse's death before distributions are required to begin under Section 4.03(B)(2) of this Agreement).
 4. The amount to be distributed each year under Section 4.03(B)(1) or (2) of this Agreement is the quotient obtained by dividing the value of the Traditional IRA as of the end of the preceding year by the remaining life expectancy specified in Section 4.03 of this Agreement. Life expectancy is determined using the Single Life Table in Q&A-1 of Regulation section 1.401(a)(9)-9. If distributions are being made to a surviving spouse as the sole Designated Beneficiary, such spouse's remaining life expectancy for a year is the number in the Single Life Table corresponding to such spouse's age in the year. In all other cases, remaining life expectancy for a year is the number in the Single Life Table corresponding to the Beneficiary's age in the year specified in Section 4.03(B)(1) or (2) of this Agreement and reduced by one for each subsequent year.
- C. The value of the Traditional IRA for purposes of this Section is the prior December 31 balance adjusted to include the amount of any outstanding

rollovers, transfers and recharacterizations under Q&As-7 and-8 of Regulations section 1.408-8.

- D. If the Designated Beneficiary is the Traditional IRA Holder's surviving spouse, the spouse may elect to treat the Traditional IRA as his or her own Traditional IRA. This election will be deemed to have been made if such surviving spouse, who is the sole Beneficiary of the Traditional IRA, makes a contribution to the Traditional IRA or fails to take required distributions as a Beneficiary.
- E. If the Beneficiary fails to request a distribution by December 31 of the year following the year the Traditional IRA Holder dies, the Custodian reserves the right to elect, in its complete and sole discretion, to do any one of the following:
- make no distribution until the Beneficiary(ies) provides the Custodian a proper withdrawal request;
 - distribute the entire Traditional IRA to the Beneficiary(ies) in a single sum payment; or
 - distribute the entire remaining interest to the Beneficiary(ies) pursuant to the applicable option in Section 4.03(A) or (B) of this Agreement.

The Custodian will not be liable for any penalties or taxes related to the Beneficiary's failure to take a required minimum distribution.

- 4.04 *Transfers and Rollovers.* The Custodian can receive amounts transferred to this Traditional IRA from the trustee or custodian of another Traditional IRA. In addition, the Custodian can accept direct rollovers of eligible rollover distributions from employer-sponsored retirement plans as permitted by the Code and applicable Regulations. The Custodian reserves the right not to accept any transfer or rollover.

ARTICLE V. PROVISIONS GOVERNING BOTH TRADITIONAL AND ROTH IRAS

- 5.01 *Notices and Change of Address.* Any required notice regarding this IRA will be considered effective when sent by the Custodian to the intended recipient at the last address which the Custodian has in its records. Any notice to be given to the Custodian will be considered effective when actually received. The IRA Holder, or the intended recipient, must notify the Custodian of any change of address.

- 5.02 *The Custodian's Powers and Duties.*

- A. **Representations and Responsibilities** - The IRA Holder represents and warrants to the Custodian that any information he or she has given or will give to the Custodian with respect to this Agreement is complete and accurate. Further, the IRA Holder agrees that any directions the IRA Holder gives, or action the IRA Holder takes will be proper under this Agreement, and that the Custodian is entitled to rely upon any such information or directions. If the Custodian fails to receive directions from the IRA Holder regarding any transaction, or if the Custodian receives ambiguous directions regarding any transaction, or the Custodian, in good faith, believes that any transaction requested is in dispute, the Custodian reserves the right to take no action until further clarification acceptable to the Custodian is received from the IRA Holder or the appropriate government or judicial authority. The Custodian shall not be responsible for losses of any kind that may result from the IRA Holder's directions to the Custodian, or the IRA Holder's actions or failures to act, and the IRA Holder agrees to reimburse the Custodian for any loss the Custodian may incur as a result of such directions, actions or failures to act. The Custodian is entitled to act upon any instrument, certificate, or form it believes is genuine and believes is signed or presented by the proper person or persons, and the Custodian need not investigate or inquire as to any statement contained in such document but may accept it as true and accurate. The Custodian shall not be responsible for any penalties, taxes, judgments or expenses the IRA Holder incurs in connection with the IRA. The Custodian shall have no duty to ascertain whether contributions or distributions comply with the IRA or the Code. The Custodian shall not make any investments or dispose of any property held in the IRA except as described in Section 5.11. The Custodian shall not be required to question any such instructions or review any securities or other property held in the IRA. The Custodian may permit the IRA Holder to appoint, through written notice acceptable to the Custodian, an authorized agent to act on the IRA Holder's behalf with respect to this Agreement (e.g., attorney-in-fact, executor, administrator, investment manager), however, the Custodian has no duty to determine the validity of such appointment or any instrument appointing such authorized agent. The Custodian shall not be responsible for losses of any kind that may result from directions, actions or failures to act by the IRA Holder's authorized agent, and the IRA Holder agrees to reimburse the Custodian for any loss the Custodian may incur as a result of such directions, actions or failures to act by the IRA Holder's authorized agent. The IRA Holder will have sixty (60) days after receiving any documents, statements or other information from the Custodian to notify the Custodian in writing of any errors or inaccuracies reflected in these documents, statements or other information. If the IRA holder does not notify the Custodian within 60 days, the documents, statements or other information shall be deemed correct and accurate, and the Custodian shall have no further liability or obligation for such documents, statements, other information or the transactions described therein.

By performing services under this Agreement the Custodian is acting as the IRA Holder's agent. The IRA Holder acknowledges and agrees that nothing in this Agreement shall be construed as conferring fiduciary status

upon the Custodian. The Custodian shall not be required to perform any additional services unless specifically agreed to under the terms and conditions of this Agreement, or as required under the Code and the Regulations promulgated thereunder with respect to IRAs. The IRA Holder agrees to indemnify and hold the Custodian harmless for any and all claims, actions, proceedings, damages, judgments, liabilities, costs and expenses, including attorney's fees, arising from, or in connection with this Agreement.

To the extent written instructions or notices are required under this Agreement the Custodian may accept or provide such information in any other form permitted by the Code or applicable regulations.

- B. **Administrative Powers** - The Custodian may hold any securities acquired hereunder in the name of the Custodian without the qualification or description or in the name of any nominee. Pursuant to instructions issued on behalf of the IRA Holder, the Custodian shall have the following powers and authority with respect to the administration of each IRA:

- (1) To invest and reinvest the assets of the IRA without any duty to diversify and without regard to whether such investment is authorized by the laws of any jurisdiction for fiduciary investment;
- (2) To exercise or sell options, conversion privileges or rights to subscribe for additional securities and to make payments therefor;
- (3) To consent to or participate in dissolutions, reorganizations, consolidations, mergers, sales leases, mortgages, transfers or other changes affecting securities held by the Custodian;
- (4) To make, execute and deliver as Custodian any and all contracts, waivers, releases or other instruments in writing necessary or proper for the exercise of any of the foregoing powers;
- (5) To grant options to purchase securities held by the Custodian or to repurchase options previously granted with respect to securities held by the Custodian.

- C. **Recordkeeping** - The Custodian shall keep accurate records of all contributions, receipts, investments, distributions, disbursements, and all other transactions of the IRA which it deems necessary. Within 120 days after the close of each calendar year (or after a distribution or transfer of an IRA Holder's IRA or upon the Custodian's resignation or removal), the Custodian shall file with the IRA Holder a written report (which may consist of copies of the Custodian's regularly issued account statements) reflecting all transactions affecting the IRA for the period in question and including a statement of the assets in the IRA and their fair market values.

- D. **Right To Request Judicial Assistance** - The Custodian shall have the right at any time to apply to a court of competent jurisdiction for judicial settlement of its accounts or for determination of any questions or construction which may arise or for instructions. This shall include a specified right on the part of the Custodian to bring an action for interpleader should the Custodian be subject to conflicting claims, demands or instructions. The only necessary party defendant to any such action shall be the IRA Holder, but the Custodian may join any other person or persons as party defendant. The cost, including attorney's fees, of any such proceeding shall be charged to the IRA as an administrative expense.

- 5.03 *Service Fees.* The Custodian has the right to charge an annual service fee or other designated fees (e.g., a transfer, rollover or termination fee) for maintaining this IRA. In addition, the Custodian has a right to be reimbursed for all reasonable expenses, including legal expenses, incurred in connection with the administration of this IRA, and for special services relating to the processing and holding of assets for which a public market is not readily available. The Custodian may charge the IRA Holder separately for any fees or expenses, or may deduct the amount of the fees or expenses from the assets in the IRA at its discretion. The Custodian reserves the right to charge any additional fee upon 30 days notice to the IRA Holder that the fee will be effective.

Any brokerage commissions attributable to the assets in the IRA will be charged to the IRA. The IRA Holder cannot reimburse the IRA for those commissions.

- 5.04 *Contributions.* If the IRA Holder dies before his or her entire interest has been distributed and if the Beneficiary is other than the surviving spouse, no additional cash contributions or rollover contributions may be accepted in this custodial account IRA.

- 5.05 *Investment of Amounts in the IRA.* The IRA Holder has exclusive responsibility for and control over the investment of the assets of his or her IRA. The IRA Holder shall direct all investment transactions, including transactions involving earnings and the proceeds from securities sales. The IRA Holder's selection of investments, however, shall be limited to publicly traded securities, mutual funds, money market instruments and other investments that are approved by the Custodian and that the Custodian is capable of holding in the ordinary course of its business. All transactions shall be subject to any and all restrictions or limitations, direct or indirect, which are imposed by the Custodian's charter, articles of incorporation, or bylaws; any and all applicable federal and state laws and regulations; the rules, regulations, customs and usages of any exchange, market or clearing house where the transaction is executed; the Custodian's policies and practices; and this Agreement. After the IRA Holder's death, his or her Beneficiary(ies) shall have the right to direct the investment of the IRA assets, subject to the same conditions that applied to the

IRA Holder during his or her lifetime under this Agreement (including, without limitation, Section 5.02 of this Agreement). The Custodian shall have no discretion to direct any investment in the IRA. The Custodian assumes no responsibility for rendering investment advice with respect to the IRA, nor will the Custodian offer any opinion or judgment to the IRA Holder on matters concerning the value or suitability of any investment or proposed investment for the IRA. In the absence of instructions from the IRA Holder or if the instructions are not in an acceptable form, the Custodian shall have the right to hold any uninvested amounts in cash, and shall have no responsibility to invest uninvested cash unless and until directed by the IRA Holder. The Custodian will not exercise the voting rights and other shareholder rights with respect to investments in the IRA unless the IRA Holder provides timely written directions acceptable to the Custodian.

Notwithstanding any provisions to the contrary in this IRA (whether stated or implied), an IRA Holder (or any authorized agent) who directs investments or issues instructions for effecting transactions in the IRA through a Correspondent Broker operating under a Correspondent Broker Clearing Agreement with the Custodian shall be deemed to have delegated to such Correspondent Broker full authority and responsibility as an authorized agent for the transmission of investment instructions to the Custodian. The Custodian may rely on this correspondent relationship to accept and act upon investment instructions received from the Correspondent Broker and shall be under no duty or obligation to review or question any investment instructions directed by such Correspondent Broker respecting the IRA, and the Custodian may continue to rely on this correspondent relationship and authority until such is terminated by the IRA Holder and a written notice of such termination is received by the Custodian. The Custodian shall not be liable in any manner for transactions initiated by the Correspondent Broker prior to the receipt of such termination notice.

This plan does not permit the purchase or uncovered sale of option contracts.

- 5.06 **Beneficiary Designations.** If the IRA Holder dies before he or she receives all of the amounts in the IRA, payments from the IRA will be made to the Beneficiary(ies) of the IRA. The IRA Holder may designate one or more person(s) or entity(ies) as Beneficiary of the IRA. This designation can only be made on a form provided by or acceptable to the Custodian and it will only be effective when it is filed with the Custodian during the IRA Holder's lifetime. Unless otherwise specified, each Beneficiary designation the IRA Holder files with the Custodian will cancel all previous ones. The consent of a Beneficiary(ies) shall not be required for the IRA Holder to revoke a Beneficiary designation. If the IRA Holder has designated both primary and contingent Beneficiaries and no primary Beneficiary(ies) survives the IRA Holder, the contingent Beneficiary(ies) shall acquire the designated share of the IRA Holder's IRA. If the IRA Holder does not designate a Beneficiary, or if all of the IRA Holder's primary and contingent Beneficiary(ies) predecease the IRA Holder, the IRA Holder's estate will be the Beneficiary.

The Custodian may allow, if permitted by state law, an original IRA Beneficiary(ies) (the Beneficiary(ies) who is entitled to receive distribution(s) from an inherited IRA at the time of the IRA Holder's death) to name a successor Beneficiary(ies) for the inherited IRA. This designation can only be made on a form provided by or acceptable to the Custodian, and it will only be effective when it is filed with the Custodian during the original IRA Beneficiary's(ies') lifetime. Unless otherwise specified, each Beneficiary designation form the original IRA Beneficiary(ies) files with the Custodian will cancel all previous ones. The consent of a successor Beneficiary(ies) shall not be required for the original IRA Beneficiary(ies) to revoke a successor Beneficiary(ies) designation. If the original IRA Beneficiary(ies) does not designate a successor Beneficiary(ies), his or her estate will be the successor Beneficiary. In no event shall the successor Beneficiary(ies) be able to extend the distribution period beyond that required for the original IRA Beneficiary.

- 5.07 **Termination of Agreement, Resignation, or Removal of Custodian.** Either party may terminate this Agreement at any time by giving written notice to the other. The Custodian can resign at any time effective 30 days after mailing written notice of its resignation to the IRA Holder. Upon receipt of that notice, the IRA Holder must make arrangements to transfer the IRA to another financial organization. If the IRA Holder does not complete a transfer of the IRA within 30 days from the date the Custodian mails the notice to the IRA Holder, the Custodian has the right to transfer the assets of this IRA to a successor IRA custodian or trustee that the Custodian chooses in its sole discretion, or the Custodian may pay the assets of this IRA to the IRA Holder in a single sum. The Custodian shall not be liable for any actions or failures to act on the part of any successor custodian or trustee, nor for any tax consequences the IRA Holder may incur that result from the transfer or distribution of IRA assets pursuant to this section.

If this Agreement is terminated, the Custodian may charge this IRA a reasonable amount of money that it believes is necessary to cover any associated costs, including but not limited to, one or more of the following:

- (a) any fees, expenses or taxes chargeable against this IRA;
- (b) any penalties or surrender charges associated with the early withdrawal of any savings instrument or other investment in this IRA.

The Custodian may establish a policy requiring distribution of the entire balance of the IRA to the IRA Holder in cash or property if the balance of the IRA drops below the minimum balance required under the applicable investment or policy established.

- 5.08 **Successor Custodian.** If the Custodian changes its name, reorganizes, or merges with another organization (or comes under the control of any federal or state agency), or if its entire organization (or any portion which includes this IRA) is bought by another organization, that organization (or agency) shall automatically become the trustee or custodian of this IRA, but only if it is the type of organization authorized to serve as an IRA trustee or custodian.

- 5.09 **Amendments.** By adopting this Agreement the IRA Holder delegates to the Prototype Sponsor the power to amend or replace this Agreement to conform it to the provisions of the Code, applicable Regulations or administrative rulings pertaining to IRAs, and to make such other changes to this Agreement, which, in the judgment of the Prototype Sponsor, are necessary or appropriate. The IRA Holder shall be deemed to have consented to all such amendments unless, within 30 days from the date the amendment is mailed, the IRA Holder notifies the Custodian in writing that the IRA Holder does not consent.

The Prototype Sponsor shall notify the IRA Holder should it discontinue sponsorship of this Agreement. The Prototype Sponsor's duties are limited to those expressly assigned to it under the terms of this Agreement together with any requirements of prototype IRA plans that may be set forth from time to time by the IRS under its rules and procedures.

- 5.10 **Withdrawals or Transfers.** All requests for withdrawal or transfer shall be in writing on a form provided by or acceptable to the Custodian. The method of distribution must be specified in writing. The tax identification number of the recipient must be provided to the Custodian before it is obligated to make a distribution. Withdrawals shall be subject to all applicable tax and other laws and regulations, including possible early withdrawal penalties or surrender charges and withholding requirements.

- 5.11 **Liquidation of Assets.** The Custodian has the right to liquidate assets in this IRA if necessary to make distributions or to pay fees, expenses, taxes, penalties or surrender charges properly chargeable against this IRA. If the IRA Holder fails, after notice, to direct the Custodian as to which assets to liquidate, the Custodian will decide in its complete and sole discretion, and the IRA Holder agrees not to hold the Custodian liable for any adverse consequences that result from its decision.

- 5.12 **Restrictions on the Fund.** The IRA Holder's interest in the balance in this IRA is nonforfeitable at all times. Neither the IRA Holder nor any Beneficiary(ies) may sell, transfer or pledge any interest in this IRA in any manner whatsoever, except as provided by law or this Agreement.

No part of this IRA may be invested in life insurance contracts, nor may the assets of this IRA be commingled with other property except in a common trust fund or common investment fund (within the meaning of Code section 408(a)(5)). No part of this IRA may be invested in collectibles (within the meaning of Code section 408(m)) except as otherwise permitted by Code section 408(m)(3), which provides an exception for certain gold, silver, and platinum coins issued under the laws of any state, and certain bullion.

The assets in this IRA shall not be responsible for the debts, contracts or torts of any person entitled to distributions under this Agreement.

- 5.13 **Reporting Responsibilities.** The IRA Holder agrees to provide the Custodian with information necessary for the Custodian to prepare any reports required under Code sections 408(i), 408A(d)(3)(D), and Regulations sections 1.408-5 and 1.408-6. The Custodian agrees to submit reports to the IRS and the IRA Holder (or Beneficiary(ies) upon the IRA Holder's death) as prescribed by the IRS and such additional reports as the Custodian may choose to deliver. The Custodian shall furnish annual calendar-year reports concerning the status of the IRA and such information concerning required minimum distributions as is prescribed by the Commissioner of the IRS.

- 5.14 **What Law Applies.** This Agreement is subject to all applicable federal and state laws and regulations. If it is necessary to apply any state law to interpret and administer this Agreement, the law of the Custodian's domicile shall govern.

If any part of this Agreement is held to be illegal or invalid, the remaining parts shall not be affected. Neither the IRA Holder nor the Custodian's failure to enforce at any time or for any period of time any of the provisions of this Agreement shall be construed as a waiver of such provisions, or either party's right thereafter to enforce each and every such provision.

- 5.15 **ARBITRATION: THE FOLLOWING GENERAL PROVISIONS APPLY TO ALL ARBITRATIONS UNDER THIS PLAN:**

- 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.

THE IRA HOLDER AGREES, AND BY CARRYING AN ACCOUNT FOR THE IRA HOLDER, THE CORRESPONDENT BROKER AND THE CUSTODIAN AGREE THAT ALL CONTROVERSIES WHICH MAY

ARISE BETWEEN THE IRA HOLDER, THE CORRESPONDENT BROKER AND/OR THE CUSTODIAN OR ANY OF THE CUSTODIAN'S OFFICERS, EMPLOYEES OR AGENTS CONCERNING ANY TRANSACTION OR THE CONSTRUCTION, PERFORMANCE OR BREACH OF THIS OR ANY OTHER AGREEMENT BETWEEN THE IRA HOLDER, THE CORRESPONDENT BROKER AND/OR THE CUSTODIAN, SHALL BE DETERMINED BY ARBITRATION IN ACCORDANCE WITH THE RULES, THEN IN EFFECT, OF THE NATIONAL ASSOCIATION OF SECURITIES DEALERS, THE NEW YORK STOCK EXCHANGE, OR ANY OTHER EXCHANGE OR FORUM OF WHICH THE CUSTODIAN IS A MEMBER, AS THE IRA HOLDER MAY ELECT. IF THE IRA HOLDER DOES NOT MAKE SUCH ELECTION BY REGISTERED MAIL ADDRESSED TO THE CUSTODIAN'S MAIN OFFICE WITHIN TEN (10) DAYS AFTER RECEIPT OF NOTIFICATION FROM THE CUSTODIAN REQUESTING SUCH ELECTION, THEN THE IRA HOLDER AUTHORIZES THE CUSTODIAN TO MAKE SUCH ELECTION ON BEHALF OF THE IRA HOLDER.

FURTHERMORE, THE IRA HOLDER, THE CORRESPONDENT BROKER AND THE CUSTODIAN AGREE AND ACKNOWLEDGE THAT CONTROVERSIES WHICH ARE THE SUBJECT OF AN ALLEGED CLASS ACTION OR A CERTIFIED CLASS ACTION SHALL NOT BE BROUGHT TO ARBITRATION UNDER THIS AGREEMENT, UNLESS (I) THE CLASS CERTIFICATION IS DENIED; (II) THE CLASS IS DECERTIFIED; OR (III) THE CLASS PERSON WHO IS A PARTY TO THIS AGREEMENT SUBSEQUENTLY IS EXCLUDED FROM THE CLASS BY THE COURT OR HAS VOLUNTARILY WITHDRAWN FROM THE CLASS.

- F. THESE PROVISIONS ARE SUBJECT TO THE INTERPRETATION OF THE INTERNAL REVENUE CODE AND REGULATIONS.

IRA DISCLOSURE STATEMENT

This Disclosure Statement explains the rules governing the type of IRA you designated on the Adoption Agreement. The term IRA will be used in this Disclosure Statement to refer to a Traditional IRA (under Internal Revenue Code (Code) sections 408(a) or 408(b)) or a Roth IRA (under Code section 408A) unless specified otherwise.

PREAMBLE

All capitalized terms used and not defined in this Disclosure Statement shall have the respective meanings assigned to them in the custodial account. The Disclosure Statement is intended to provide a general description of the terms and conditions of the IRA. By adopting the IRA, you may establish one or more accounts with the Custodian.

Notwithstanding any provision to the contrary in this Disclosure Statement (whether stated or implied), you (or your authorized agent) who directs investments or issues instructions for effecting transactions in the IRA through a Correspondent Broker shall be deemed to have delegated to such Correspondent Broker full authority and responsibility as an authorized agent for the transmission of investment instructions or orders to others including but not limited to Wedbush acting in the capacity of Custodian and/or clearing agent.

RIGHT TO REVOKE YOUR IRA

If you receive this Disclosure Statement at the time you establish your IRA, you have the right to revoke your IRA within seven (7) days of its establishment. If revoked, you are entitled to a full return of the contribution you made to your IRA. The amount returned to you would not include an adjustment for such items as sales commissions, administrative expenses, or fluctuation in market value.

You may revoke the IRA by giving Correspondent Broker telephonic notice of revocation within seven days after signing the Adoption Agreement or making a funding payment, whichever occurs first. Telephonic notice may be given to your Correspondent Broker on any work day during normal business hours.

If you have any questions about the procedure for revoking your IRA, please call your Custodian.

If you send your notice by first class mail, your revocation will be deemed mailed as of the postmark date.

REQUIREMENTS OF AN IRA

A. **CASH CONTRIBUTIONS** - Your contribution must be in cash, unless it is a rollover contribution or a conversion contribution to a Roth IRA.

B. **MAXIMUM ROTH IRA CONTRIBUTION** - The total amount you may contribute to a Roth IRA for any taxable year cannot exceed the lesser of 100 percent of your compensation or \$3,000 for years 2002-2004, \$4,000 for years 2005-2007, and \$5,000 for 2008, with possible cost-of-living adjustments in years 2009 and thereafter. If you also maintain a Traditional IRA, the maximum contribution to your Roth IRA is reduced by any contributions you make to your Traditional IRA. Your total annual contribution to all Traditional IRAs and Roth IRAs cannot exceed the lesser of the dollar amounts described above or 100 percent of your compensation.

Your Roth IRA contribution is further limited if your modified adjusted gross income (MAGI) equals or exceeds \$150,000 if you are a married individual filing a joint income tax return, or equals or exceeds \$95,000 if you are a single individual. Married individuals filing a joint income tax return with MAGI equaling or exceeding \$160,000 may not fund a Roth IRA. Single individuals with MAGI equaling or exceeding \$110,000 may not fund a Roth IRA. Married individuals filing a separate tax return with MAGI equaling or exceeding \$10,000 may not fund a Roth IRA. The MAGI limits described above are subject to cost-of-living increases for tax years beginning after 2006.

If you are married filing a joint income tax return and your MAGI is between the applicable MAGI phaseout range for the year, your maximum Roth IRA contribution is determined as follows: (1) Begin with the appropriate MAGI phase-out maximum for the applicable year and subtract your MAGI from it; (2) divide the result by the difference between the phase-out range maximum and minimum; and (3) multiply this number by the maximum allowable contribution for the year, including catch-up contributions if you are age 50 or older. For example, if you are age 30 and your MAGI is \$155,000, your maximum Roth IRA contribution for 2002 is \$1,500. This amount is determined as follows: [(\$160,000 minus \$155,000) divided by \$10,000] multiplied by \$3,000.

If you are single and your MAGI is between the applicable MAGI phaseout for the year, your maximum Roth IRA contribution is determined as follows: (1) Begin with the appropriate MAGI phase-out maximum for the applicable year and subtract your MAGI from it; (2) divide the result by the difference between the phase-out range maximum and minimum; and (3) multiply this number by the maximum allowable contribution for the year, including catch-up contributions if you are age 50 or older. For example, if you are age 30 and your MAGI is \$98,000, your maximum Roth IRA contribution for 2002 is \$2,400. This amount is determined as follows: [(\$110,000 minus \$98,000) divided by \$15,000] multiplied by \$3,000.

C. **MAXIMUM TRADITIONAL IRA CONTRIBUTION** - The total amount you may contribute to a Traditional IRA for any taxable year cannot exceed the lesser of

100 percent of your compensation or \$3,000 for years 2002-2004, \$4,000 for years 2005-2007, and \$5,000 for 2008, with possible cost-of-living adjustments in years 2009 and beyond. If you also maintain a Roth IRA, the maximum contribution to your Traditional IRAs is reduced by any contributions you make to your Roth IRA. Your total annual contribution to all Traditional IRAs and Roth IRAs cannot exceed the lesser of the dollar amounts described above or 100 percent of your compensation.

D. **ROTH IRA CONTRIBUTION ELIGIBILITY** - You are eligible to make a regular contribution to your Roth IRA, regardless of your age, if you have compensation and your MAGI is below the maximum threshold. Your Roth IRA contribution is not limited by your participation in a retirement plan, other than a Traditional IRA.

E. **TRADITIONAL IRA CONTRIBUTION ELIGIBILITY** - You are eligible to make a regular contribution to your Traditional IRA if you have compensation and have not attained age 70½ by the end of the taxable year for which the contribution is made.

F. **CATCH-UP CONTRIBUTIONS** - If you are age 50 or older by the close of the taxable year, you may make an additional contribution to your IRA. The maximum additional contribution is \$500 for years 2002-2005 and \$1,000 for years 2006 and beyond.

G. **NONFORFEITABILITY** - Your interest in your IRA is nonforfeitable.

H. **ELIGIBLE CUSTODIANS** - The Custodian of your IRA must be a bank, savings and loan association, credit union, or a person or entity approved by the Secretary of the Treasury.

I. **COMMINGLING ASSETS** - The assets of your IRA cannot be commingled with other property except in a common trust fund or common investment fund.

J. **LIFE INSURANCE** - No portion of your IRA may be invested in life insurance contracts.

K. **COLLECTIBLES** - You may not invest the assets of your IRA in collectibles (within the meaning of Code section 408(m)). A collectible is defined as any work of art, rug or antique, metal or gem, stamp or coin, alcoholic beverage, or other tangible personal property specified by the Internal Revenue Service (IRS). However, specially minted United States gold and silver coins and certain state-issued coins are permissible investments. Platinum coins and certain gold, silver, platinum or palladium bullion (as described in Code section 408(m)(3)) are also permitted as IRA investments.

L. **REQUIRED MINIMUM DISTRIBUTIONS FOR ROTH IRAS** - You are not required to take distributions from your Roth IRA at age 70½ (as required for Traditional IRAs). However, your Beneficiary(ies) is generally required to take distributions from your Roth IRA after your death. See the section titled *Beneficiary Options for Roth IRAs* in this Disclosure Statement regarding Beneficiary's(ies)' required minimum distributions.

M. **BENEFICIARY OPTIONS FOR ROTH IRAS** - Your Designated Beneficiary is determined based on the Beneficiary(ies) designated as of the date of your death who remains your Beneficiary(ies) as of September 30 of the year following the year of your death. The entire amount remaining in your account will, at the election of your Beneficiary(ies), either

- (1) be distributed by December 31 of the year containing the fifth anniversary of your death, or
- (2) be distributed over the life expectancy of your Designated Beneficiary(ies).

If your spouse is your sole Designated Beneficiary, he or she must elect either option (1) or (2) by the earlier of December 31 of the year containing the fifth anniversary of your death, or December 31 of the year you would have attained age 70½. Your Designated Beneficiary(ies), other than a spouse who is the sole Designated Beneficiary, must elect either option (1) or (2) by December 31 of the year following the year of your death. If no election is made, distribution will be calculated in accordance with option (2). In the case of distribution under option (2), distributions must commence by December 31 of the year following the year of your death. If your spouse is the Designated Beneficiary, distributions need not commence until December 31 of the year you would have attained age 70½, if later. If a Beneficiary(ies) other than an individual or qualified trust as defined in the Regulations is named, you will be treated as having no Designated Beneficiary(ies) of your Roth IRA for purposes of determining the distribution period. If there is no Designated Beneficiary of your Roth IRA, the entire Roth IRA must be distributed by December 31 of the year containing the fifth anniversary of your death.

A spouse who is the sole Designated Beneficiary of your entire Roth IRA may elect to redesignate your Roth IRA as his or her own. Alternatively, the sole spouse Beneficiary will be deemed to elect to treat your Roth IRA as his or her own by either (1) making contributions to your Roth IRA or (2) failing to timely remove a required minimum distribution from your Roth IRA. Regardless of whether or not the spouse is the sole Designated Beneficiary of your Roth IRA, a spouse Beneficiary may roll over his or her share of the assets to his or her own Roth IRA.

N. **REQUIRED MINIMUM DISTRIBUTIONS AND BENEFICIARY OPTIONS FOR TRADITIONAL IRAS** - You are required to take minimum distributions from your Traditional IRA at certain times in accordance with Regulations section 1.408-8. Below is a summary of the IRA distribution rules.

1. You are required to take a minimum distribution from your Traditional IRA for the year in which you reach age 70½ and for each year thereafter. You must take your first distribution by your required beginning date, which is April 1 of the year following the year you attain age 70½. The minimum distribution for any taxable year is equal to the amount obtained by dividing the account balance at the end of the prior year by the applicable divisor.
 2. The applicable divisor is generally determined using the Uniform Lifetime Table provided by the IRS. The table assumes a Designated Beneficiary exactly 10 years younger than you, regardless of who is named as your Beneficiary(ies), if any. If your spouse is your sole Designated Beneficiary, and is more than 10 years younger than you, the required minimum distribution is determined annually using the actual joint life expectancy of you and your spouse obtained from the joint and last survivor table provided by the IRS, rather than the life expectancy divisor from the Uniform Lifetime Table.
- We reserve the right to do any one of the following by April 1 of the year following the year in which you turn age 70½:
- (a) make no distribution until you give us a proper withdrawal request,
 - (b) distribute your entire IRA to you in a single sum payment, or
 - (c) determine your required minimum distribution each year based on your life expectancy calculated using the Uniform Lifetime Table, and pay those distributions to you until you direct otherwise.
3. Your Designated Beneficiary is determined based on the Beneficiary(ies) designated as of the date of your death, who remains your Beneficiary(ies) as of September 30 of the year following the year of your death. If you die,
 - (a) on or after your required beginning date, distributions must be made to your Beneficiary(ies) over the longer of the single life expectancy of your Designated Beneficiary(ies), or your remaining life expectancy. If a Beneficiary other than an individual or qualified trust as defined in the Regulations is named, you will be treated as having no Designated Beneficiary of your IRA for purposes of determining the distribution period. If there is no Designated Beneficiary of your IRA, distributions will commence using your single life expectancy, reduced by one in each subsequent year.
 - (b) before your required beginning date, the entire amount remaining in your account will, at the election of your Designated Beneficiary(ies), either
 - (i) be distributed by December 31 of the year containing the fifth anniversary of your death, or
 - (ii) be distributed over the remaining life expectancy of your Designated Beneficiary(ies).

If your spouse is your sole Designated Beneficiary, he or she must elect either option (i) or (ii) by the earlier of December 31 of the year containing the fifth anniversary of your death, or December 31 of the year you would have attained age 70½. Your Designated Beneficiary(ies), other than a spouse who is the sole Designated Beneficiary, must elect either option (i) or (ii) by December 31 of the year following the year of your death. If no election is made, distributions will be calculated in accordance with option (ii). In the case of distributions under option (ii), distributions must commence by December 31 of the year following the year of your death. Generally, if your spouse is the Designated Beneficiary, distributions need not commence until December 31 of the year you would have attained age 70½, if later. If a Beneficiary(ies) other than an individual or qualified trust as defined in the Regulations is named, you will be treated as having no Designated Beneficiary(ies) of your IRA for purposes of determining the distribution period. If there is no Designated Beneficiary of your IRA, the entire IRA must be distributed by December 31 of the year containing the fifth anniversary of your death.

A spouse who is the sole Designated Beneficiary of your entire IRA will be deemed to elect to redesignate your IRA as his or her own. Alternatively, the sole spouse Beneficiary will be deemed to elect to treat your IRA as his or her own by either (1) making contributions to your IRA or (2) failing to timely remove a required minimum distribution from your IRA. Regardless of whether or not the spouse is the sole Designated Beneficiary of your IRA, a spouse Beneficiary may roll over his or her share of the assets to his or her own IRA.

INCOME TAX CONSEQUENCES OF ESTABLISHING AN IRA

- A. **CONTRIBUTION DEDUCTIBILITY FOR ROTH IRAS** - No deduction is allowed for Roth IRA contributions, including transfers, rollovers and conversion contributions.
- B. **CONTRIBUTION DEDUCTIBILITY FOR TRADITIONAL IRAS** - If you are eligible to contribute to your Traditional IRA, the amount of the contribution for which you may take a tax deduction will depend upon whether you (or, in some cases, your spouse) are an active participant in an employer-maintained retirement plan. If you (and your spouse if married) are not an active participant, your entire Traditional IRA contribution will be deductible. If you are an active participant (or are married to an active participant), the deductibility of your contribution will depend on your MAGI and your tax filing status for the tax year for which the contribution was made. MAGI is determined on your income tax return using

your adjusted gross income but disregarding any deductible Traditional IRA contribution.

Definition of Active Participant - Generally, you will be an active participant if you are covered by one or more of the following employer-maintained retirement plans:

1. a qualified pension, profit sharing, 401(k), or stock bonus plan;
2. a qualified annuity plan of an employer;
3. a simplified employee pension (SEP) plan;
4. a retirement plan established by the federal government, a state, or a political subdivision (except certain unfunded deferred compensation plans under Code section 457);
5. a tax-sheltered annuity for employees of certain tax-exempt organizations or public schools;
6. a plan meeting the requirements of Code section 501(c)(18);
7. a qualified plan for self-employed individuals (H.R. 10 or Keogh Plan); and
8. a savings incentive match plan for employees of small employers (SIMPLE) IRA plan or a SIMPLE 401(k) plan.

If you do not know whether your employer maintains one of these plans, or whether you are an active participant in it, check with your employer or your tax advisor. Also, the IRS Form W-2, *Wage and Tax Statement* that you receive at the end of the year from your employer will indicate whether you are an active participant.

If you are an active participant and are single, the deductible amount of your Traditional IRA contribution is determined as follows: (1) begin with the appropriate phase-out range maximum for the applicable year (specified below), and subtract your MAGI; (2) divide this total by the difference between the phase-out maximum and minimum; (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum Traditional IRA deduction you may take. For example, if you are age 30 with MAGI of \$36,000 in 2002, your maximum deductible contribution is \$2,400 (the 2002 phase-out range maximum of \$44,000 minus your MAGI of \$36,000, divided by the difference between the maximum and minimum phase-out range limits of \$10,000 and multiplied by the contribution limit of \$3,000.)

If you are an active participant, are married and you file a joint income tax return, the deductible amount of your Traditional IRA contribution is determined as follows: (1) begin with the appropriate phase-out maximum for the applicable year (specified below), and subtract your MAGI; (2) divide this total by the difference between the phase-out range maximum and minimum; (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum Traditional IRA deduction you may take. For example, if you are age 30 with MAGI of \$56,000 in 2002, your maximum Traditional IRA deductible contribution is \$2,400 (the 2002 phase-out maximum of \$64,000 minus your MAGI of \$56,000, divided by the difference between the maximum and minimum phase-out limits of \$10,000 and multiplied by the contribution limit of \$3,000).

If you are an active participant, are married and you file a separate income tax return, your MAGI phase-out range is generally \$0 - \$10,000. However, if you lived apart for the entire tax year, you are treated as a single filer.

Tax Year	Joint Filers	Single Taxpayers
	Phase-out Range	Phase-out Range
	(minimum) (maximum)	(minimum) (maximum)
2002	\$54,000 - \$64,000	\$34,000 - \$44,000
2003	\$60,000 - \$70,000	\$40,000 - \$50,000
2004	\$65,000 - \$75,000	\$45,000 - \$55,000
2005	\$70,000 - \$80,000	\$50,000 - \$60,000
2006	\$75,000 - \$85,000	\$50,000 - \$60,000
2007	\$80,000 - \$100,000	\$50,000 - \$60,000

*MAGI limits are subject to cost-of-living increases for tax years beginning after 2006.

**The MAGI limits for 2007 listed above may be subject to additional increases.

The MAGI phaseout range for an individual that is not an active participant, but is married to an active participant, is \$150,000-\$160,000. This limit is also subject to cost-of-living increases for tax years beginning after 2006. If you are not an active participant in an employer-maintained retirement plan, are married to someone who is an active participant, and you file a joint income tax return with MAGI between the applicable phaseout range for the year, your maximum deductible contribution is determined as follows: (1) begin with the appropriate MAGI phase-out maximum for the year and subtract your MAGI from it; (2) divide this total by the difference between the phase-out range maximum and minimum; (3) multiply this number by the maximum allowable contribution for the applicable year, including catch-up contributions if you are age 50 or older. The resulting figure will be the maximum IRA deduction you may take.

You must round the resulting deduction to the next highest \$10 if the number is not a multiple of 10. If your resulting deduction is between \$0 and \$200 you may round up to \$200.

C. **CONTRIBUTION DEADLINE** - The deadline for making an IRA contribution is your tax return due date (not including extensions). You may designate a contribution as a contribution for the preceding taxable year in a manner acceptable to us. For example, if you are a calendar year taxpayer, and you make your IRA contribution on or before April 15, your contribution is considered to have been made for the previous tax year if you designate it as such.

- D. **TAX CREDIT FOR CONTRIBUTIONS** - You may be eligible to receive a tax credit for your IRA contributions. This credit will be allowed in addition to any tax deduction that may apply, and may not exceed \$1,000 in a given year. You may be eligible for this tax credit if you are
- age 18 or older as of the close of the taxable year,
 - not a dependent of another taxpayer, and
 - not a full-time student.

The credit is based upon your income (see chart below), and will range from 0 to 50 percent of eligible contributions. In order to determine the amount of your contributions, add all of the contributions made to your IRA and reduce these contributions by any distributions that you have taken during the testing period. The testing period begins two years prior to the year for which the credit is sought and ends on the tax return due date (including extensions) for the year for which the credit is sought. In order to determine your tax credit, multiply the applicable percentage from the chart below by the amount of your contributions that do not exceed \$2,000.

Adjusted Gross Income*			Applicable Percentage
Joint Return	Head of a Household	All Other Cases	
\$1 - 30,000	\$1 - 22,500	\$1 - 15,000	50
30,001 - 32,500	22,501 - 24,375	15,001 - 16,250	20
32,501 - 50,000	24,376 - 37,500	16,251 - 25,000	10
Over 50,000	Over 37,500	Over 25,000	0

*Adjusted gross income includes foreign earned income and income from Guam, America Samoa, North Mariana Islands and Puerto Rico. AGI limits are subject to cost-of-living adjustments for tax years beginning after 2006.

- E. **TAX-DEFERRED EARNINGS** - The investment earnings of your IRA are not subject to federal income tax as they accumulate in your IRA. Investment earnings distributed from your Traditional IRA will be taxed when the distribution is made. Distributions of your Roth IRA investment earnings will be free from federal income tax if you take a qualified distribution, as defined in the *Taxation of Roth IRA Distributions* section of this Disclosure Statement.
- F. **NONDEDUCTIBLE CONTRIBUTIONS** - You may make nondeductible contributions to your Traditional IRA to the extent that deductible contributions are not allowed. The sum of your deductible and nondeductible IRA contributions cannot exceed your contribution limit (the lesser of the allowable contribution limit described previously, or 100 percent of compensation). You may elect to treat deductible Traditional IRA contributions as nondeductible contributions.

If you make nondeductible contributions for a particular tax year, you must report the amount of the nondeductible contribution along with your income tax return using IRS Form 8606. Failure to file IRS Form 8606 will result in a \$50 per failure penalty.

If you overstate the amount of designated nondeductible contributions for any taxable year, you are subject to a \$100 penalty unless reasonable cause for the overstatement can be shown.

G. **TAXATION OF ROTH IRA DISTRIBUTIONS** - The taxation of a Roth IRA distribution depends on whether the distribution is a qualified distribution or a nonqualified distribution.

- 1. Qualified Distributions** - Qualified distributions from your Roth IRA (both the contributions and earnings) are not included in your income. A qualified distribution is a distribution which is made after the expiration of the five-year period beginning January 1 of the first year for which you made any contribution to any Roth IRA (including a conversion from a Traditional or SIMPLE IRA) and is made on account of one of the following events:
 - attainment of age 59½,
 - disability,
 - the purchase of a first home, or
 - death.

For example, if you make a contribution to your Roth IRA for 1998, the five-year period for determining whether a distribution is a qualified distribution is satisfied as of January 1, 2003.

- 2. Nonqualified Distributions** - If you do not meet the requirements for a qualified distribution, any earnings you withdraw from your Roth IRA will be included in your gross income and, if you are under age 59½, may be subject to an early distribution penalty. However, when you take a distribution, the amounts you contributed annually to any Roth IRA account will be deemed to be removed first, followed by conversion contributions made to any Roth IRA on a first-in, first-out basis. Therefore, your nonqualified distributions will not be taxable to you until your withdrawals exceed the amount of your annual contributions and your conversion contributions. However, the 10 percent early distribution penalty may apply to conversion contributions distributed within the five-year period beginning with the year in which the conversion occurred. These "ordering rules" are complex. If you have any

questions regarding the taxation of distributions from your Roth IRA, please see a competent tax advisor.

H. **TAXATION OF TRADITIONAL IRA DISTRIBUTIONS** - The taxation of Traditional IRA distributions depends on whether or not you have ever made nondeductible Traditional IRA contributions. If you have only made deductible contributions, any Traditional IRA distribution will be fully included in income.

If you have ever made nondeductible contributions to any Traditional IRA, the following formula must be used to determine the amount of any IRA distribution excluded from income:

$$\frac{\text{(Aggregate Nondeductible Contributions)} \times \text{(Amount Withdrawn)}}{\text{Aggregate IRA Balance}} = \text{Amount Excluded from Income}$$

NOTE: Aggregate nondeductible contributions include all nondeductible contributions made by you through the end of the year of the distribution (which have not previously been withdrawn and excluded from income). Also note that aggregate IRA balance includes the total balance of all of your IRAs as of the end of the year of distribution and any distributions occurring during the year.

I. **ROLLOVERS AND CONVERSIONS** - Your IRA may be rolled over to an IRA of yours, or may receive rollover contributions. Your Traditional IRA or SIMPLE IRA may be converted to a Roth IRA, provided that all of the applicable rollover and conversion rules are followed. Rollover is a term used to describe a tax-free movement of cash or other property to your IRA from any of your IRAs of the same type, or from your employer's qualified retirement plan, 403(a) annuity plan, 403(b) tax-sheltered annuity, or 457(b) eligible governmental deferred compensation plan to your Traditional IRA. Conversion is a term used to describe the movement of Traditional or SIMPLE IRA assets to a Roth IRA. A conversion is generally a taxable event. The rollover and conversion rules are generally summarized below. These transactions are often complex. If you have any questions regarding a rollover or conversion, please see a competent tax advisor.

- 1. Roth IRA to Roth IRA Rollovers** - Funds distributed from your Roth IRA may be rolled over to a Roth IRA of yours if the requirements of Code section 408(d)(3) are met. A proper Roth IRA to Roth IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received. You may not have completed another Roth IRA to Roth IRA rollover from the distributing Roth IRA during the 12 months preceding the date you receive the distribution. Further, you may roll over the same dollars or assets only once every 12 months. Roth IRA assets may not be rolled over to other types of IRAs (e.g., Traditional IRA, SIMPLE IRA).
- 2. Traditional IRA to Traditional IRA Rollovers** - Funds distributed from your Traditional IRA may be rolled over to a Traditional IRA of yours if the requirements of Code section 408(d)(3) are met. A proper Traditional IRA to Traditional IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received. You may not have completed another Traditional IRA to Traditional IRA rollover from the distributing IRA during the 12 months preceding the date you receive the distribution. Further, you may roll over the same dollars or assets only once every 12 months.
- 3. SIMPLE IRA to Traditional IRA Rollovers** - Funds may be distributed from your SIMPLE IRA and rolled over to your Traditional IRA without IRS penalty, provided two years have passed since you first participated in a SIMPLE IRA plan sponsored by your employer. As with Traditional IRA to Traditional IRA rollovers, the requirements of Code section 408(d)(3) must be met. A proper SIMPLE IRA to Traditional IRA rollover is completed if all or part of the distribution is rolled over not later than 60 days after the distribution is received. You may not have completed another SIMPLE IRA to Traditional IRA or SIMPLE IRA to SIMPLE IRA rollover from the distributing SIMPLE IRA during the 12 months preceding the date you receive the distribution. Further, you may roll over the same dollars or assets only once every 12 months.
- 4. Employer-Sponsored Retirement Plan to Traditional IRA Rollovers** - You may roll over, directly or indirectly, any eligible rollover distribution from an eligible employer-sponsored retirement plan. An eligible rollover distribution is defined generally as any distribution from a qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) eligible governmental deferred compensation plan (other than distributions to nonspouse beneficiaries), unless it is part of certain series of substantially equal periodic payments, a required minimum distribution, a hardship distribution, or a distribution of Roth 401(k) or Roth 403(b) elective deferrals.

If you elect to receive your rollover distribution prior to placing it in a Traditional IRA, thereby conducting an indirect rollover, your plan administrator will generally be required to withhold 20 percent of your distribution as a payment of income taxes. When completing the rollover, you may make up the amount withheld, out of pocket, and roll over the full amount distributed from your employer-sponsored retirement plan. To qualify as a rollover, your eligible rollover distribution must be rolled over to your Traditional IRA not later than 60 days after you receive it. Alternatively, you may claim the withheld amount as income and pay the applicable income tax and, if you are under age 59½, the 10 percent early distribution penalty (unless an exception to the penalty applies).

As an alternative to the indirect rollover, your employer generally must give you the option to directly roll your employer-sponsored retirement plan balance to a Traditional IRA. If you elect the direct rollover option, your

eligible rollover distribution will be paid directly to the Traditional IRA (or other employer-sponsored retirement plan) that you designate. The 20 percent withholding requirements do not apply to direct rollovers.

which describes the terms of your employer's SEP Plan. No SEP contributions may be made to a Roth IRA.

5. **Traditional IRA to Employer-Sponsored Retirement Plans** - You may roll over, directly or indirectly, any eligible rollover distribution from a Traditional IRA to an employer's qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) eligible governmental deferred compensation plan so long as the employer-sponsored retirement plan accepts such rollover contributions. An eligible rollover distribution is defined as any taxable distribution from a Traditional IRA that is not a part of a required minimum distribution.

6. **Rollovers of Roth Elective Deferrals** - Roth elective deferrals distributed from a 401(k) cash or deferred arrangement or 403(b) tax-sheltered annuity may be rolled into your Roth IRA.

7. **Traditional IRA or SIMPLE IRA to Roth IRA Conversions** - If your MAGI is not more than \$100,000, and you are not married filing a separate income tax return, you are eligible to convert all or any portion of your existing Traditional IRA(s) into your Roth IRA(s). You may also convert your SIMPLE IRA to your Roth IRA provided two years have passed since you first participated in a SIMPLE IRA plan sponsored by your employer. Beginning in 2010, the \$100,000 MAGI limit and the married filing separate tax filing restriction will be eliminated for conversion eligibility. If you are age 70½ or older you must remove your required minimum distribution prior to converting your Traditional or SIMPLE IRA. The amount of the conversion from your Traditional or SIMPLE IRA to your Roth IRA shall be treated as a distribution for income tax purposes, and is includible in your gross income (except for any nondeductible contributions). Although the conversion amount is generally included in income, the 10 percent early distribution penalty shall not apply to conversions from a Traditional or SIMPLE IRA to a Roth IRA, regardless of whether you qualify for any exceptions to the 10 percent penalty.

8. **Qualified HSA Funding Distribution** - If you are eligible to contribute to a health savings account (HSA), you may be eligible to take a one-time tax-free HSA funding distribution from your IRA and directly deposit it to your HSA. The amount of the qualified HSA funding distribution may not exceed the maximum HSA contribution limit in effect for the type of high deductible health plan coverage (i.e., single or family coverage) that you have at the time of the deposit, and counts toward your HSA contribution limit for that year. For further detailed information, you may wish to obtain IRS Publication 969, *Health Savings Accounts and Other Tax-Favored Health Plans*.

9. **Rollovers from Employer-Sponsored Retirement Plans to Roth IRA** - Distributions taken from your qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) governmental deferred compensation plan after December 31, 2007 may be rolled over to your Roth IRA. Roth IRA conversion rules, as described above, will apply, including the requirement to include the taxable portion in income in the year distributed.

10. **Nonspouse Beneficiary Rollovers from Employer-Sponsored Retirement Plans** - If you are a nonspouse beneficiary of a deceased employer plan participant, you may directly roll over inherited assets from a qualified retirement plan, 403(a) annuity, 403(b) tax-sheltered annuity, or 457(b) governmental deferred compensation plan to an inherited IRA. The IRA must be maintained as an inherited IRA, subject to the beneficiary distribution requirements, (i.e., you may not roll these assets to your own IRA.) Only Roth elective deferrals and their earnings may be directly rolled over to an inherited Roth IRA. These assets may not be rolled over to an inherited Traditional IRA.

11. **Written Election** - At the time you make a proper rollover to an IRA, or conversion to a Roth IRA, you must designate to the Custodian, in writing, your election to treat that contribution as a rollover or conversion. Once made, the election is irrevocable.

J. **TRANSFER DUE TO DIVORCE** - If all or any part of your IRA is awarded to your spouse or former spouse in a divorce or legal separation proceeding, the amount so awarded will be treated as the spouse's IRA (and may be transferred pursuant to a court-approved divorce decree or written legal separation agreement to another IRA of your spouse), and will not be considered a taxable distribution to you. A transfer is a tax-free direct movement of cash and/or property from one Traditional IRA to another or from one Roth IRA to another.

K. **RECHARACTERIZATIONS** - If you make a contribution to a Traditional IRA and later recharacterize either all or a portion of the original contribution to a Roth IRA along with net income attributable, you may elect to treat the original contribution as having been made to the Roth IRA. The same methodology applies when recharacterizing a contribution from a Roth IRA to a Traditional IRA. If you have converted from a Traditional IRA to a Roth IRA you may recharacterize the conversion along with net income attributable back to the Traditional IRA. The deadline for completing a recharacterization is your tax filing deadline (including any extensions), for the year for which the original contribution was made or conversion completed.

LIMITATIONS AND RESTRICTIONS

A. **SEP PLANS** - Under a Simplified Employee Pension (SEP) Plan that meets the requirements of Code section 408(k), your employer may make contributions to your Traditional IRA. Your employer is required to provide you with information

B. **SPOUSAL IRA** - If you are married and have compensation, you may contribute to a Traditional IRA established for the benefit of your spouse for any year prior to the year your spouse turns age 70½, regardless of whether or not your spouse has compensation. You may make these spousal contributions even if you are age 70½ or older. You must file a joint income tax return for the year for which the contribution is made.

You may contribute to a Roth IRA established for the benefit of your spouse, regardless of whether or not your spouse has compensation, and regardless of your spouse's age. The Roth IRA contribution may be further limited if your MAGI falls within the minimum and maximum thresholds for contribution eligibility. You must file a joint income tax return for the year for which the contribution is made.

The amount you may contribute to your IRA and your spouse's IRA is the lesser of 100 percent of your combined compensation or \$6,000 for 2002-2004, \$8,000 for 2005-2007, and \$10,000 for 2008. This amount may be increased with cost-of-living adjustments in 2009 and beyond. However, you may not contribute more than the individual contribution limit to each IRA.

If your spouse is age 50 or older by the close of the taxable year, and is otherwise eligible, you may make an additional contribution to your spouse's IRA. The maximum additional contribution is \$500 for years 2002-2005, and \$1,000 for years 2006 and beyond.

C. **DEDUCTION OF ROLLOVERS, TRANSFERS AND CONVERSIONS** - A deduction is not allowed for rollover, transfer, or conversion contributions.

D. **GIFT TAX** - Transfers of your IRA assets to a named Beneficiary made during your life and at your request, may be subject to federal gift tax under Code section 2501.

E. **SPECIAL TAX TREATMENT** - Capital gains treatment and 10-year forward income averaging authorized by Code section 402 do not apply to IRA distributions.

F. **INCOME TAX TREATMENT** - Any withdrawal from your Traditional IRA is subject to federal income tax withholding. Any nonqualified withdrawal of earnings from your Roth IRA may be subject to federal income tax withholding. You may, however, elect not to have withholding apply to your IRA withdrawal. If withholding is applied to your withdrawal, not less than 10 percent of the amount withdrawn must be withheld.

G. **CHARITABLE DISTRIBUTIONS** - If you are age 70½ or older, you may make tax-free distributions of up to \$100,000 per year directly from your IRA to certain charitable organizations. Special tax rules may apply. For further detailed information you may wish to obtain IRS Publication 590, *Individual Retirement Arrangements* from the IRS. This provision applies to distributions during tax years 2006 and 2007.

H. **PROHIBITED TRANSACTIONS** - If you or your Beneficiary engage in a prohibited transaction with your IRA, as described in Code section 4975, your IRA will lose its tax-deferred status. For Traditional IRAs, you must include the value of your account in your gross income for the taxable year you engage in the prohibited transaction. For Roth IRAs, you must generally include the value of the earnings in your account in your gross income for that taxable year. The following transactions are examples of prohibited transactions with your IRA: (1) taking a loan from your IRA; (2) buying property for personal use (present or future) with IRA funds; or (3) receiving certain bonuses or premiums because of your IRA.

I. **PLEDGING** - If you pledge any portion of your IRA as collateral for a loan, the amount so pledged will be treated as a distribution and will be included in your gross income for the taxable year in which you pledge the assets. If you designated your IRA as a Roth IRA, the amount pledged will be included in income if it represents a taxable portion of the account (i.e., earnings).

FEDERAL TAX PENALTIES

A. **EARLY DISTRIBUTION PENALTY** - If you are under age 59½ and receive a nonqualified Roth IRA distribution or Traditional IRA distribution, an additional tax of 10 percent will generally apply to the amount includible in income in the year of the distribution. If you are under age 59½ and receive a distribution of conversion amounts from your Roth IRA within the five-year period beginning with the year in which the conversion occurred, an additional tax of 10 percent will generally apply to the amount of the distribution. The additional tax of 10 percent will generally not apply if a distribution is made on account of 1) death, 2) disability, 3) a qualifying rollover, 4) the timely withdrawal of an excess contribution, 5) a series of substantially equal periodic payments (at least annual payments) made over your life expectancy or the joint life expectancy of you and your Beneficiary, 6) medical expenses which exceed 7.5 percent of your adjusted gross income, 7) health insurance payments if you are separated from employment and have received unemployment compensation under a federal or state program for at least 12 weeks, 8) certain qualified education expenses, 9) first-home purchases (up to a life-time maximum of \$10,000), 10) a levy issued by the IRS, or 11) active military duty (see *Qualified Reservist Distributions*, below). This additional tax will apply only to the portion of a distribution which is includible in your taxable income.

B. **EXCESS CONTRIBUTION PENALTY** - An additional tax of 6 percent is imposed upon any excess contribution you make to your IRA. This additional tax will apply each year in which an excess remains in your IRA. An excess contribution is any

amount that is contributed to your IRA that exceeds the amount you are eligible to contribute.

- C. **EXCESS ACCUMULATION PENALTY** - As previously described, you must take a required minimum distribution from your Traditional IRA by your required beginning date for the year you attain age 70½ and by the end of each year thereafter. Your Beneficiary(ies) is required to take certain minimum distributions from your IRA after your death. An additional tax of 50 percent is imposed on the amount of the required minimum distribution which should have been taken but was not.
- D. **PENALTY REPORTING** - You must file IRS Form 5329 along with your income tax return to the IRS to report and remit any additional taxes.

OTHER

- A. **IRS PLAN APPROVAL** - The prototype plan agreement used to establish this IRA has been approved by the IRS and has been issued a favorable opinion letter. The IRS approval is a determination only as to form. It is not an endorsement of the plan in operation or of the investments offered.

Wedbush has been approved as a nonbank custodian for maintaining IRAs by the Internal Revenue Service under a letter of authorization dated December 24, 1984.

- B. **FEES AND OTHER FINANCIAL INFORMATION**

- 1. **Custodial Fees:** Fees will be payable directly to us, or otherwise charged against your account.
- 2. **Brokerage Expenses:** Brokerage expenses in connection with the purchase and sale of assets in the IRA can be obtained from your Investment Executive upon request.
- 3. **Other Expenses:** Any taxes of any kind which may be imposed with respect to the IRA and any reasonable expenses incurred by us acting as Custodian of an IRA, together with any fees referred to above are to be paid by you or, if not timely paid, will be charged against your IRA.
- 4. **Earnings:** The earnings of each separate IRA shall be allocated only to that IRA.
- 5. **Growth in Value:** Growth in value of an IRA will depend entirely on the investment decisions made by you and is neither guaranteed nor protected. At least once a year we will send you a written report specifying the current value of your IRA assets.

- C. **ADDITIONAL INFORMATION** - You may obtain further information on IRAs from your District Office of the IRS. In particular, you may wish to obtain IRS Publication 590, *Individual Retirement Arrangements*, by calling 1-800-TAX-FORM, or by visiting www.irs.gov on the Internet.

- D. **IMPORTANT INFORMATION ABOUT PROCEDURES FOR OPENING A NEW ACCOUNT** - To help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial organizations to obtain, verify, and record information that identifies each person who opens an account. What this means for you: When you open an account, you are required to provide your name, residential address, date of birth, and identification number. We may require other information that will allow us to identify you.

- E. **HURRICANE-RELATED RELIEF** - If you are an individual who sustained an economic loss due to, or are otherwise considered affected by, hurricane Katrina, Rita or Wilma, you may be eligible for favorable tax treatment on distributions and rollovers from your IRA. Qualified distributions include IRA distributions made on or after specified dates for each hurricane and before January 1, 2007 to a qualified individual. For a complete definition of what constitutes a qualified individual and a qualified hurricane distribution for purposes of hurricane relief, refer to IRS Publication 4492, *Information for Taxpayers Affected by Hurricanes Katrina, Rita and Wilma*.

- 1. **10 Percent Penalty Exception on Qualified Distributions** - Qualified hurricane distributions are not subject to the 10 percent early distribution penalty tax. This penalty exception applies only to the first \$100,000 of qualified distributions to each individual.
- 2. **Taxation May be Spread Over Three Years** - If you receive qualified hurricane distributions, you may elect to include the distribution in your gross income ratably over three years, beginning with the year of the distribution.
- 3. **Repayment of Qualified Hurricane Distributions** - You may roll over qualified hurricane distributions to an eligible retirement plan, and avoid federal income taxation, within three years of the date of receipt of the distribution. The 60-day rollover rule does not apply to these distributions.

For further detailed information on tax relief granted for hurricanes Katrina, Rita and Wilma, and other exceptions which may be granted in the future by the IRS, you may wish to obtain IRS Publication 590, *Individual Retirement Arrangements*, by calling 1-800-TAXFORM, or by visiting www.irs.gov on the Internet.

- F. **QUALIFIED RESERVIST DISTRIBUTIONS** - If you are a qualified reservist called to active duty, you may be eligible to take penalty-free distributions from your IRA and recontribute those amounts to an IRA generally within a two-year period from your date of return. For further detailed information you may wish to obtain IRS Publication 590, *Individual Retirement Arrangements* from the IRS.

Retirement Services Fee Schedule

The following fee schedule applies to Wedbush Morgan Securities custodial Coverdell Education Savings, Individual Retirement Savings, and Qualified Plan accounts.

Maintenance Fees		
	First Year	Subsequent Years
Coverdell ESA	\$20	\$20
Traditional/Roth IRAs	\$20	\$35
SIMPLE IRAs	\$20	\$35
Qualified Plans: Primary Account	\$70	\$70
Qualified Plans: Secondary Accounts	\$45	\$45

LP/PP/DPP/REIT Fees	
All Accounts	\$75 One-time review fee
All Accounts	\$15 One-time Re-registration Fee
All Accounts	\$50 Annual Pricing & Holding Fee / per position

Termination Fees		
Account Holders under age 59 1/2	\$95	
Account Holder over age 59 1/2	\$0	

OPTION ACCOUNT APPLICATION

To: **Lightspeed Financial Services Group LLC**

For Office Use Only:	IE	Account Number:	<input type="checkbox"/> New Account	<input type="checkbox"/> Update to Existing Account
1. ACCOUNT TYPE: Please check one box only.				
<input type="checkbox"/> Individual	<input type="checkbox"/> Joint (rights of survivorship)	<input type="checkbox"/> Joint (tenancy in common)	<input type="checkbox"/> Joint (community Property*)	
<input type="checkbox"/> Custodian for Minor	<input type="checkbox"/> Corporation	<input type="checkbox"/> Partnership	<input type="checkbox"/> Sole Proprietorship	
<input type="checkbox"/> Estate/Conservatorship	<input type="checkbox"/> LLC/LLP	<input type="checkbox"/> Voluntary Association	<input type="checkbox"/> IRA (must accompany form I)	
<input type="checkbox"/> Personal Trust	<input type="checkbox"/> Retirement Trust	<input type="checkbox"/> Other _____	<input type="checkbox"/> KEOGH (contact Retirement Services)	

**For AZ, CA, ID, LA, NV, NM, TX, WA AND WI only.

2. ACCOUNT INFORMATION	
ACCOUNT TITLE	ACCOUNT ADDRESS

3. INVESTMENT PROFILE <i>This section must be completed unless accompanied by Account Application.</i>				
Annual Income	Liquid Net Worth <i>(cash, securities, etc.)</i>	Total Net Worth <i>(excluding home)</i>	Tax Bracket	
<input type="checkbox"/> \$ 24,999 or less	<input type="checkbox"/> \$ 24,999 or less	<input type="checkbox"/> \$64,999 or less	<input type="checkbox"/> \$75,000-199,999	<div style="text-align: right;">%</div> <input type="text"/> <div style="text-align: left;">Decline to state</div>
<input type="checkbox"/> \$25,000-39,999	<input type="checkbox"/> \$25,000-39,999	<input type="checkbox"/> \$65,000-149,999	<input type="checkbox"/> \$200,000-249,999	
<input type="checkbox"/> \$40,000-74,999	<input type="checkbox"/> \$250,000-999,999	<input type="checkbox"/> \$150,000-199,999	<input type="checkbox"/> \$250,000-999,999	
<input type="checkbox"/> \$500,000 or more	<input type="checkbox"/> \$40,000-99,999	<input type="checkbox"/> \$1 million +	<input type="checkbox"/> \$1 million +	
Investment Objective(s)				
<i>If choosing more than one objective, please rank in order of priority.</i>				
Income				
			Risk Tolerance	
<i>Emphasis on investments that generate income.</i>			<input type="checkbox"/> Conservative <i>I want to preserve my initial principal in this account, with minimal risk, even if it means this account does not generate significant income or returns and may not keep pace with inflation.</i>	
<i>Emphasis on investments more likely to appreciate in principal rather than generate income.</i>				
<i>Emphasis on potential for significant appreciation; willing to accept a high risk for loss of principal.</i>				
<i>Emphasis on investments that are most likely to preserve principal. Low risk.</i>				
			<input type="checkbox"/> Moderate <i>I am willing to accept some risk to my initial principal and tolerate some volatility to seek higher returns, and understand I could lose a portion of the money invested.</i>	
<i>(also called Capital Gains)</i>				
<i>Speculation</i>				
<i>Conservation of Capital</i>				

4. OPTIONS TRADING QUESTIONNAIRE			
Please select the anticipated type(s) of option transactions for which you are seeking approval. * Margin account required			
1. COVERED WRITING	<input type="checkbox"/> YES	<input type="checkbox"/> NO	4. * UNCOVERED PUT WRITING
2. PURCHASING CALLS AND PUTS	<input type="checkbox"/> YES	<input type="checkbox"/> NO	5. * UNCOVERED CALL WRITING
3. * SPREADS (PUTS AND CALLS)	<input type="checkbox"/> YES	<input type="checkbox"/> NO	6. * UNCOVERED INDEX
			<input type="checkbox"/> YES <input type="checkbox"/> NO

OPTIONS INVESTMENT EXPERIENCE	OPTIONS INVESTMENT KNOWLEDGE
<div style="display: flex; justify-content: space-around;"> < 1 year 1-5 years 5 + years </div>	<div style="display: flex; justify-content: space-around;"> Limited Moderate Extensive </div>
Covered Writing <input type="checkbox"/>	Covered Writing <input type="checkbox"/>
Purchasing Calls and Puts <input type="checkbox"/>	Purchasing Calls and Puts <input type="checkbox"/>
Spreads (Puts and Calls) <input type="checkbox"/>	Spreads (Puts and Calls) <input type="checkbox"/>
Uncovered Put Writing <input type="checkbox"/>	Uncovered Put Writing <input type="checkbox"/>
Uncovered Call Writing <input type="checkbox"/>	Uncovered Call Writing <input type="checkbox"/>
Uncovered Index <input type="checkbox"/>	Uncovered Index <input type="checkbox"/>

5. MUST BE SIGNED BY ALL PARTIES	
Type of account to be added (please check only one): <input type="checkbox"/> OPTION CASH ACCOUNT <input type="checkbox"/> OPTION MARGIN ACCOUNT	
<p>By signing below, I acknowledge that I have received, read and understand the <i>Characteristics and Risks of Standardized Options</i> published by the Options Clearing Corporation and am aware of and accept the nature and extent of the obligations and risk factors of options trading. I believe the options transactions indicated in this application are suitable investments for my account. I also acknowledge that I have received the New Account Agreement, Option Account Agreement, Letter of Understanding ("Letter A"), and have read, understand and agree to all the terms contained in the Option Account Agreement. If I have selected Margin Account, I acknowledge I have read, understand and agree to all terms and conditions in the margin agreement.</p>	

Applicant Signature: _____	Print Name: _____	Date: _____	
Co-Applicant Signature: _____	Print Name: _____	Date: _____	

Approvals – FOR OFFICE USE ONLY			
RR Signature _____	Printed Name _____	Date _____	<div style="border: 1px solid black; padding: 5px; min-height: 100px;">Approval Level</div>
BOM Signature _____	Printed Name _____	Date _____	
Principal Signature _____	Printed Name _____	Date _____	
ROP Signature _____	Printed Name _____	Date _____	
Date Client Account Agreements Furnished: _____	Date OCC Disclosure Furnished _____	BRR Date: _____	

OPTION ACCOUNT AGREEMENT

In addition to the terms and conditions of the Account Agreement, the following terms apply to all Option accounts.

For any transaction effected by us on your behalf for the purchase and/or sale of any option contracts traded on any registered options exchange, or any other national securities exchange, you agree as follows:

1. All transactions are governed by the constitution, rules, interpretations and policies, customs, and regulations of the exchange or market where executed and of the Options Clearing Corporation.

2. You acknowledge that you have received, read, and understand the “Characteristics and Risks of Standardized Options” (“the Disclosure”). You acknowledge that you received this Disclosure prior to the first option transaction effected in your account, and you specifically affirm the following, as set forth in the Disclosure:

a) That both the purchase and the writing of option contracts involve a high degree of risk, are not suitable for many investors and, accordingly, should be entered into only by investors who understand the nature and extent of their rights and obligations and are fully aware of the inherent risk involved;

b) That you should not purchase an option unless you are able to sustain a total loss of the premium and transaction costs, that you should not write a call option unless you either own the underlying security (or a security convertible, exchangeable, or exercisable into the underlying security) or are able to sustain substantial financial losses, and that you should not write a put option unless you are able to sustain substantial financial losses;

c) That the price of an option contract is affected by various factors such as the relationship between the exercise price and the market price of the underlying security, the expiration of the option, and the price fluctuations or other characteristics of the underlying stock.

d) That the Exchanges may restrict transactions in particular options or the exercise of option contracts in their discretion.

3. Options trading may be highly speculative. You are willing to assume all the financial risks and hazards of options trading, and you have determined that in view of your financial situation and investment objectives, options trading is not unsuitable for you.

4. You, acting alone or in concert with others, will not violate the position or exercise limits set forth by the Options Clearing Corporation.

5. You acknowledge that on certain trading days, trading may cease or be restricted in one or more classes of options and that this may result in financial disadvantage or loss to you. You agree to hold harmless WS and the exchange involved, and their respective officers, directors, and agents, for this or any other loss resulting from any acts made in accordance with the constitution, rules, interpretations and policies, customs, or regulations of the Exchanges or the Options Clearing Corporation.

6. You understand and agree to abide by our requirements and time limitations for accepting an exercise notice from you.

7. You have been advised of and agree to abide by our policies, exchange, and federal regulations regarding margining of options and related transactions.

8. You agree to advise us of any material changes in your needs, experience, financial situation, or investment objectives.

9. You agree that in the event less than three days remain until expiration, and when we have, after repeated attempts, been unable to contact you regarding any expiring option positions that remain in your account, we may exercise the limited discretion granted here to liquidate those positions as we may see fit. This limited discretionary authority shall not require us to take any action, whatsoever. In the event that we should liquidate any option positions, your account will be credited in a fair and equitable manner.

10. You agree that in the event you notify us that you do not wish to exercise a long option, we may buy such option as principal for our own account.

11. Any other agreement by you with us shall also apply to such option transactions, except to the extent such other agreements conflict with this Agreement. In the event of a conflict, this Agreement shall control; and where there is no conflict each provision of each agreement shall apply.

12. Exercise assignment notices for option contracts are allocated among client short positions pursuant to an automated procedure which randomly selects from among all clients' short option positions, including positions established on the day of assignment, those contracts which are subject to exercise. All “American-style” short option positions are liable for assignment at any time. All “European-style” short option positions are liable for assignment within the specified period for assignment contained within the option contract.

13. By completing the “Options” section and signing the **Account Agreement, and Letter of Understanding (“Letter A”**, you acknowledge you have received the Disclosure document and you are aware of and accept the nature and extent of the obligations and risk factors of options trading, and you believe the options transactions you have indicated in the Client Account Information Form to be suitable investments for your account. You acknowledge that you have read, understand, and agree to the terms and conditions of this agreement. Additionally, if you have indicated that you wish to invest in uncovered options, you acknowledge that you have read the “Special Statement for Uncovered Option Writers” below.

You further agree that you will advise us promptly in writing of any material changes in the information supplied on the WS Client Account Information Form. You acknowledge and understand that an Options Clearing Corporation prospectus is available from WS upon request.

If you have indicated “Uncovered Calls or Puts” as an option investment choice, please read the following statement carefully.

Special Statement for Uncovered Writers: There are special risks associated with uncovered option writing, which expose the investor to potential significant loss. Therefore, this type of strategy may not be suitable for all clients approved for options transactions.

The potential loss of uncovered call writing is unlimited. The writer of any uncovered call is in an extremely risky position, and may incur large losses if the value of the underlying instrument increases above the exercise price. As with writing uncovered calls, the risk of writing uncovered put options is substantial. The writer of an uncovered put option bears a risk of loss if the value of the

underlying instrument declines below the exercise price. Such loss would be substantial if there is a significant decline in the value of the underlying instrument.

Uncovered option writing is thus suitable only for the knowledgeable investor who understands the risks, has the financial capacity and willingness to incur potentially substantial losses, and has sufficient liquid assets to meet applicable margin requirements. In this regard, if the value of the underlying instrument moves against an uncovered writer’s options positions, the investor’s broker may request significant additional margin payments. If an investor does not make such margin payments, the broker may liquidate stock or options positions in the investor’s account, with little or no prior notice in accordance with the investor’s margin agreement.

For combination writing, where the investor writes both a put and a call on the same underlying instrument, the potential risk is unlimited.

If a secondary market in options were to become unavailable, investors could not engage in closing transactions, and an options writer would remain obligated until expiration or assignment.

The writer of an American-style option is subject to being assigned an exercise at any time after he has written the option until the option expires. By contrast, the writer of a European-style option is subject to exercise assignment only during the exercise period.

NOTE: It is expected that you will read the booklet entitled “Characteristics and Risks of Standardized Options” (the Disclosure) available from your broker. In particular, your attention is directed to the chapter entitled “Risks of Buying and Writing Options”. This statement is not intended to enumerate all of the risks entailed in writing uncovered options.

Lightspeed Financial Services Group

Name of Securities Firm

I.E. Code	Account Number

Dear Valued Customer

In order to better service your financial needs, our firm has engaged Wedbush Securities Inc., a member of the New York Stock Exchange and other major exchanges, as our correspondent broker-dealer clearing agent (the "Clearing Agent"), and accordingly we have opened an account under your name with our Clearing Agent on a correspondent broker basis pursuant to a written agreement between us and the Clearing Agent.

Under this agreement, the Clearing Agent will: provide cashiering services; monitor compliance of credit according to applicable rules, regulations and policies; prepare and mail trade notifications and periodic account statements; and provide for the dissemination of proxy, tender offer and other similar shareholders' materials. In addition, the Clearing Agent may provide, upon our specific instructions, order execution and/or certificate clearance. **However, the Clearing Agent will not be involved with or have responsibility for decisions regarding transactions in your account.** Moreover, under no circumstances will we be an agent of the clearing agent nor be in any partnership, association or joint venture relationship with the clearing agent. If the Clearing Agent pays interest on your qualified credit balances left on deposit in your account, for the purpose of pending investment or reinvestment, we may receive an administrative fee that would be in the form of an interest rate decrease of no more than one-half of one percent from the interest rate established for credit balances.

Since you continue to be a customer of our firm, the opening and approval of accounts and the entry of orders and instructions regarding the deposit or withdrawal of securities or money for your account must be handled by us. We will continue to be responsible for all activities in connection with your account, and inquiries or complaints regarding your account should be directed to us. You may access your account online, at any time, by visiting www.myclientlink.com. Please contact us for a password.

You acknowledge that in connection with this Agreement that we, or our Clearing Agent, may submit and collect nonpublic and public information to consumer and industry reporting agencies. Upon your written request, we will inform you if we have obtained information through these inquiries, and if so, we will provide you with the name and address of the consumer and industry reporting agency.

To acknowledge your understanding of these matters and to provide us with your required taxpayer certification and beneficial ownership election, please complete, sign, and return this document to us. Please note, in order to avoid backup withholding taxes imposed by the IRS, we must receive this document within 20 days. If you have any questions, please call us at your convenience.

ACCOUNT AGREEMENT, TAXPAYER CERTIFICATION, AND BENEFICIAL OWNERSHIP ELECTION

Under penalties of perjury, I certify that:

- (1) that the number supplied below is my correct taxpayer identification number, and
- (2) I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding and **(IF YOU HAVE BEEN NOTIFIED BY THE IRS THAT YOU ARE SUBJECT TO BACKUP WITHHOLDING, YOU MUST CROSS OUT CERTIFICATION (2) ABOVE.)**
- (3) I am a U.S. Person (including a U.S. Resident Alien)
- (4) Limited Liability Company. Enter the tax classification (C=C Corporation, S= S Corporation, P= Partnership) _____
- (5) Exemption from FATCA reporting code (if any) _____

Rule 14b-1(c) of the Securities Exchange Act requires disclosure to requesting companies of the name, address and securities positions of customers who are beneficial owners of that company's securities, unless the customer objects. If you do not object to this disclosure, no action is required. If you do object, please check the box below.

☐ Do not disclose this information to requesting companies.

By signing below, you acknowledge that you have read and received a copy for your records of this agreement and the "Disclosure Statement-Facts About Your Borrowing Costs and Other Matters". You acknowledge your understanding and agreement that 1) your account is to be handled in the manner described in these agreements and 2) the "Disclosure Statement-Facts About Your Borrowing Costs and Other Matters" contains a Pre-dispute Arbitration clause in Paragraph 9, and 3) you understand that such Pre-dispute Arbitration clause will be binding on you upon signing below.

The Internal Revenue Service does not require your consent to any provision of this document other than the certifications required to avoid backup withholding.

ENTITY NAME (If applicable)

PRINT NAME

SOCIAL SECURITY/TAX ID
NUMBER

CUSTOMER SIGNATURE - IF ENTITY
ACCOUNT, PLEASE SIGN IN CAPACITY
(TTEE, PRESIDENT, ETC.)

DATE

PRINT NAME

SOCIAL SECURITY/TAX ID
NUMBER

JOINT CUSTOMER SIGNATURE (IF
JOINT ACCOUNT, BOTH MUST SIGN)

DATE

SIGNATURE GUARANTEED BY (For Broker-Dealer Use Only)

Request for Taxpayer Identification Number and Certification

Give Form to the
requester. Do not
send to the IRS.

► Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.	
	2 Business name/disregarded entity name, if different from above	
	3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes. <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ► _____ Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner. <input type="checkbox"/> Other (see instructions) ► _____	4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3): Exempt payee code (if any) _____ Exemption from FATCA reporting code (if any) _____ <i>(Applies to accounts maintained outside the U.S.)</i>
	5 Address (number, street, and apt. or suite no.) See instructions.	Requester's name and address (optional)
	6 City, state, and ZIP code	
	7 List account number(s) here (optional)	

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number										
				-				-		
or										
Employer identification number										
				-						

Part II Certification

Under penalties of perjury, I certify that:

1. The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
2. I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
3. I am a U.S. citizen or other U.S. person (defined below); and
4. The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ►	Date ►
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)

- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983.

You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor*
For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

***Note:** The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes.

Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.



20 Headquarters Plaza, North Tower, 7th Floor, Morristown, NJ 07960

This Package contains the following information:

Customer Identification Program
Business Continuity & Disaster Recovery Plan Summary
Trading Agreement
Day-Trading Risk Disclosure
Day-Trading Margin Disclosure
Extended Hours Risk Disclosure
Margin Disclosure
Form CRS
Privacy Policy
Fee Disclosure

CUSTOMER IDENTIFICATION PROGRAM

Important Information You Need to Know About Opening A New Account

To help the government fight the funding of terrorism and money laundering activities, federal law requires financial institutions to obtain, verify and record information that identifies each person who opens an account. This Notice answers some questions about the Lightspeed Financial Services Group LLC's Customer Identification Program.

What types of information will you need to provide?

When you open an account, Lightspeed Financial Services Group (Lightspeed) is required to collect information such as the following from you:

- Your Name
- Date of Birth
- Address
- Identification Number: US Citizens will be asked to provide a taxpayer identification number (social security number or employer identification number, etc.). Non-US Citizens will be asked to provide a taxpayer identification number, passport number and country of issuance, alien identification card number, or government-issued identification showing nationality, residence and a photograph of you.

You may also need to show your driver's license or other identifying documents.

A corporation, partnership, trust or other legal entity may need to provide other information, such as its principal place of business, local office, employer identification number, certified articles of incorporation, government-issued business license, a partnership agreement, or a trust agreement.

US Department of the Treasury, Securities and Exchange Commission, FINRA, New York Stock Exchange, and other exchange rules already require you to provide most of this information. These rules may also require you to provide additional information, such as your net worth, annual income, occupation, employment information, investment experience and objectives, and risk tolerance.

What happens if you don't provide the information requested or your identity cannot be verified?

Lightspeed may not be able to open an account or carry out transactions for you. If Lightspeed has already opened an account for you, it may have to be closed.

We thank you for your patience and hope that you will support the financial industry's efforts to deny terrorists and money launderers access to America's financial system.

BUSINESS CONTINUITY AND DISASTER RECOVERY PLAN SUMMARY

Overview

Lightspeed Financial Services Group LLC ("Lightspeed") has developed a Disaster Recovery and Business Continuity Plan ("Plan") in the event that a function deemed critical to Lightspeed's ongoing business operations fails. The plan will assist Lightspeed in minimizing business operational issues that result from unexpected events or disasters.

Lightspeed's policy is to respond to a Significant Business Disruption (SBD) by safeguarding employees' lives and Company property, making a financial and operational assessment, quickly recovering and resuming operations, protecting all of the firm's books and records, and allowing customers to transact business. In the event that the Company determines it is unable to continue business, Lightspeed will assure customers prompt access to their funds and securities.

Lightspeed's plan anticipates two kinds of SBDs, internal and external. Internal SBDs affect only Lightspeed's ability

to communicate and do business, such as a failure of a critical system, or a fire in the Lightspeed offices. External SBDs prevent the operation of the securities markets or a number of firms, such as a terrorist attack, a city flood, or a wide-scale, regional disruption.

In the event of an SBD, Lightspeed intends to continue its operations to the extent reasonable and practical under the circumstances and will place utmost priority in re-establishing the data and operational systems necessary to provide our customers with prompt access to their funds and securities, and with the ability to close out open positions. We will continue to take orders through any of the methods that are available and reliable, and in addition, as communications permit, we will inform our customers what alternatives they have to send their orders to us.

Lightspeed does not maintain custody of customers' funds or securities, which are maintained by the clearing firm carrying your account. In the unlikely event that we determine we are unable to continue our business as a result of an SBD, we will assure customers whom we have introduced to our clearing firm have prompt access to their funds and securities through the clearing firm.

An overview of the Plans of our clearing brokers can be found online:

- Wedbush Securities, Inc.
<http://www.wedbush.com/RegulatoryDisclosures>
- Interactive Brokers LLC
<https://www.interactivebrokers.com/en/index.php?f=legalDocs&p=disclosures>

Lightspeed 's Plan foresees three general classes of business disruptions:

1. Significant but not catastrophic disruption at Lightspeed 's main office.
2. Catastrophic disruption at Lightspeed 's main office.
3. City-wide, regional or other disruption that temporarily limits access to and/or the functioning of the Lightspeed main office and data center ("Office").

Disclaimers

There are innumerable potential causes of a business disruption, and the events that cause them may vary significantly in nature, size, scope, severity, duration and geographic location, and will result in distinct degrees of harm to human life; firm assets; the banks, exchanges, securities firms and ECNs with which the firm conducts business; and local, regional and national systems infrastructure (e.g., telecommunications, Internet connectivity, power generation and transportation) that could affect Lightspeed 's recovery in a variety of ways. Lightspeed reserves the right to flexibly respond to business disruptions in a situation-specific manner which the Company deems appropriate.

Lightspeed may modify its Disaster Recovery and Business Continuity Plan at any time. The Company will post updates to this disclosure on its website.

Trading Agreement

This Trading Agreement contains important information. Please read this information carefully and retain a copy for future reference.

In consideration for Lightspeed Financial Services Group LLC ("Lightspeed" or the "Firm") opening and maintaining one or more Accounts for me, I agree to the terms and conditions set forth in this Customer Agreement ("Agreement"), as may be amended from time to time.

INTRODUCTION

I promise to read this Agreement carefully and retain it for future reference. I understand that the terms and conditions of this Agreement govern all aspects of my relationship with Lightspeed, including all transactions between Lightspeed and me and all products and services now or in the future offered through Lightspeed, beginning on the date my Account is opened.

BROKERAGE SERVICES

I ACKNOWLEDGE THAT I ALONE AM RESPONSIBLE FOR DETERMINING THE SUITABILITY OF MY INVESTMENT CHOICES IN LIGHT OF MY PARTICULAR CIRCUMSTANCES. I UNDERSTAND THAT LIGHTSPEED ASSUMES NO RESPONSIBILITY FOR SUCH DETERMINATION. As a self-directed investor, I assume full responsibility for each and every transaction in or for my Account and for my own investment strategies and decisions. I understand and agree that Lightspeed and its affiliates, and their officers, directors, employees and agents will have no liability whatsoever for the results of my investment strategies, transactions and decisions.

No Advice or Recommendations

Lightspeed does not and will not provide me with any legal, tax, estate planning or accounting advice or advice regarding the suitability, profitability or appropriateness for me of any security, investment, financial product, investment strategy or other matter. I acknowledge that none of the information that may be provided by Lightspeed in connection with the Account is intended as tax or legal advice. Although Lightspeed may provide access to information about how to invest and what to buy, no third-party recommendations are developed or endorsed by Lightspeed, and any information in materials prepared by Lightspeed is not to be construed as a recommendation or advice designed to meet the particular objectives or situation of any investor.

I acknowledge that Lightspeed employees are not authorized to give any such advice, and I will neither solicit nor rely on any investment advice from any Lightspeed employee. No Lightspeed employee will recommend the account type that I have applied for and I have selected such on my own determination based on my particular circumstances. Any information provided through the Service will not be used or considered by me as a recommendation that I buy, sell or hold a particular security or pursue any particular investment strategy. I also acknowledge that Lightspeed neither assumes responsibility for nor guarantees the accuracy, currency, completeness or usefulness of information, commentary, recommendations, advice, investment ideas or other materials that may be accessed by me through the Service. This includes bulletin boards, message boards, chat services or other online conference or telecast by third party providers through Lightspeed. If I choose to rely on such information, I do so solely at my own risk. I understand that the research, analysis, news or other information made available through the Service is not personalized or in any way tailored to reflect my personal financial circumstances or investment objectives and the securities and investment strategies discussed may not be suitable for me. Such information is not an offer, or a solicitation of an offer, to buy or sell securities on behalf of Lightspeed.

I acknowledge that orders I place may be sent directly to a market center without being viewed by an individual Lightspeed representative. I agree to accept full responsibility for all orders I place and to release Lightspeed and its affiliates, and their officers, directors, employees and agents from any liability for executing the orders I place in connection with the Account. I acknowledge that all orders are at my sole risk.

Order Handling and Execution

In handling any order that I submit, I acknowledge and accept that Lightspeed may first route such order on a not held basis to a Lightspeed-selected execution venue or broker-dealer, and if such order is not fully or partially executed, then direct the whole or remainder of such order, based on my selection, to one of various market centers, exchanges, or an electronic communications network, with which Lightspeed maintains a relationship. In other words, if you select a market center from the drop-down menu, hot key, or hot button on your trading platform, Lightspeed may first route such order to an alternative market center. There is no guarantee that any order will be accepted or processed by any particular broker-dealer or market center that matches orders for execution, and Lightspeed is not responsible for any losses caused by the failure of any such broker-dealer or market center to receive, accept, or execute an order that I submit. Lightspeed retains the right to change its processes and procedures pertaining to order execution, and the entities with which it maintains relationships for these purposes, without prior notice to me. Lightspeed routing fees will be assessed based upon the trading venue selected in the instructions of the order. We reserve the right to charge routing fees whether or not executions are received on the trading venue selected. In the course of routing your orders Lightspeed may receive reduced or no execution costs and/or payment for order flow which could differ from those applied to your trade per the published fee schedule on the Lightspeed website. The reduced costs are not passed on to clients.

Restrictions on Account Services

Lightspeed may place trading, disbursement, service or other restrictions on my Account for various reasons, including court order, tax levy or garnishment, request of a government agency or law enforcement authority, a Debit Balance, margin deficiency or firm risk policy violation in my Account, or in the event of a dispute between joint Account holders. I understand that Lightspeed may be required to liquidate or close out Securities

and/or Other Property in my Account to satisfy any such court order, garnishment, tax levy, firm risk policy violation or other legal obligation. Lightspeed will not be held liable for any Losses that arise out of or relate to any such transaction and I agree to indemnify and hold Lightspeed and its affiliates and their officers, directors, employees and agents harmless from and against any Losses that I may incur in their taking such actions.

Closing Your Account

Lightspeed can close your account, or terminate any feature, at any time, for any reason, and without prior notice. You can close your account by notifying us in writing or calling us. We may automatically close accounts with zero balances.

Regardless of how or when your account is closed, you will remain responsible for all charges, debit items, or other transactions you initiated or authorized, whether arising before or after termination. Note that a final disbursement of assets may be delayed until remaining issues have been resolved.

Dividends, Interest and Subscription Rights

Lightspeed or Clearing Broker will receive periodic payments, such as dividends and interests, on my behalf, and will credit my Account on or shortly after the payable dates. Foreign dividends and interest will be credited to my Account on or shortly after the funds are converted to U.S. currency.

Impartial Lottery Allocation System

When Lightspeed or Clearing Broker holds on my behalf, bonds or preferred stocks in street or bearer form which are callable, I agree to participate in an impartial lottery allocation system. I also understand that when the call is favorable, no allocation will be made to any account in which Lightspeed or Clearing Broker, its affiliates, directors, officers or employees, have a financial interest until all other customer positions in such securities are satisfied on an impartial lottery basis.

TRADING SYSTEM AND USE OF ELECTRONIC SERVICES

I understand that Lightspeed does not guarantee that all or any of the access routes will be available to me all the time. Lightspeed reserves the right to suspend access to the Service without prior notice during scheduled or unscheduled system repairs or upgrades.

Customer Responsibility

I understand that I am responsible for all acts and omissions relating to the use of the Service, including all orders entered through the Service using my User ID and Passwords. I agree that it is my responsibility to maintain the confidentiality of my User ID and Passwords and to change my Passwords regularly and to keep them confidential. I agree to notify Lightspeed immediately if: (i) an order is placed through the Service and I do not receive an order number; (ii) an order is placed through the Service and I do not receive an accurate acknowledgment of the order or of its execution; (iii) I receive acknowledgement of an execution of an order which I believe I did not place; (iv) any inaccurate or conflicting report concerning your account balances, securities positions or transaction history; or (v) I become aware of any unauthorized use of my User ID or Passwords.

If I fail to notify Lightspeed as soon as practicable when any of the above conditions occur, neither Lightspeed nor any of its affiliates will be liable to me or to any other person for any claim with respect to the handling, mishandling or loss of any order.

Market Data

I understand that neither Lightspeed nor any participating Data Provider guarantees or makes any warranty of any kind, expressed or implied, regarding the timeliness, sequence, accuracy or completeness of Market Data. I agree that Lightspeed is not liable for any Losses (including lost opportunity or profits) arising out of or relating to: (i) any inaccuracy, defect or omission of the data; (ii) any error or delay in the transmission of such data; or (iii) interruption in any such data due to any cause beyond the control of Lightspeed.

I also understand that each participating national securities exchange or association asserts a proprietary interest in all of the Market Data it furnishes to the parties that disseminate the data. I will use Market Data (including Real Time Quotes) only for my individual non-business use. I will not provide Market Data to any person or entity. I understand that the Data Providers may enforce the terms of this Agreement directly against me.

Electronic Services

“Electronic Services” (“the Service”) means any and all of Lightspeed’s computer, electronic or telephonic services or systems, including, but not limited to, services and information accessible and provided by Lightspeed through third parties, externally accessible computers and networks, any Web site maintained by Lightspeed, and any other computer, electronic or telephonic securities trading services or information system provided to customers whether established directly by Lightspeed or through other service providers.

I agree that Electronic Services are provided to me on an “AS IS” and “AS AVAILABLE” basis. I further agree that Lightspeed and its affiliates, and their officers, directors, partners, employees and agents will have no liability, whether direct or indirect, consequential, punitive or exemplary, to me or to third parties, and no responsibility whatsoever for:

1. any losses resulting from the correctness, quality, accuracy, timeliness, sequence, pricing, reliability, performance, continued availability, completeness or delays, omissions or interruptions in the delivery of Electronic Services or for any other aspect of the performance of the Electronic Services or for any failure or delay in the execution of any transactions through the use of the Electronic Services;

2. any losses resulting from the failure of any connection or communication service to provide or maintain my access to the Electronic Services, regardless of whether the connection or communication service is provided by Lightspeed , its affiliates, their officers, directors, partners, employees or agents or a third-party provider; and
3. any losses resulting from interruption, delay or disruption of such access or any erroneous communication between Lightspeed , its affiliates, their officers, directors, partners, employees or agents on the one hand and me on the other hand; even if Lightspeed , its affiliates, their officers, directors, partners, employees or agents have been advised of such losses.

E-Mail

Because of inherent limitations on Internet e-mail (such as reliability of delivery, timeliness and security), I agree that I will not use e-mail in any manner not specifically authorized by Lightspeed to request, authorize or effect the purchase or sale of any Securities and/or Other Property, to send fund transfers instructions, or for any other financial transactions that require real-time communication or more formal written authorization in accordance with applicable law or Lightspeed policies. Any such request, order or instruction that I send in contravention of the foregoing may not be accepted and may not be processed by Lightspeed. Lightspeed will not be responsible for any loss or damage that could result from my requests, orders or instructions not being accepted or processed as described above. In addition, please be advised that due to security risks any personal or identifying information, such as account numbers, credit or debit card numbers, Social Security numbers or Passwords, should not be sent via Internet e-mail.

OPTION AGREEMENT

I release and agree to indemnify and hold Lightspeed and its affiliates, and their officers, directors, employees and agents harmless from and against any Losses arising out of or relating to any action taken pursuant to the Option Account terms of this Agreement.

Random Allocation Disclosure

I understand that exercise assignment notices for option contracts are allocated among customer short option positions in accordance with a random allocation method and agree to be bound by the allocation method of the clearing firm. A more detailed description of the random allocation method is available on request.

MODIFICATION OF AGREEMENT OR SERVICE

I understand that Lightspeed may change any of the terms and conditions of this Agreement and/or eliminate any term or condition anytime. Lightspeed reserves the right, but does not intend to follow it as a matter of course, to notify me of modifications to the Agreement by mailing or e-mailing a written notice or new Agreement to me. I understand that the normal method of notifying me of modifications to the Agreement will be to post the information on the Lightspeed Web site. I also agree that Lightspeed may change its Service anytime and that it is not obligated to provide me with notice of such a change.

DISCLOSURE STATEMENTS

DAY-TRADING RISK DISCLOSURE

You should consider the following points before engaging in a day-trading strategy. For purposes of this notice, a "day-trading strategy" means an overall trading strategy characterized by the regular transmission by a customer of intra-day orders to effect both purchase and sale transactions in the same security or securities.

Day trading can be extremely risky

Day trading generally is not appropriate for someone of limited resources and limited investment or trading experience and low risk tolerance. You should be prepared to lose all of the funds that you use for day trading. In particular, you should not fund day-trading activities with retirement savings, student loans, second mortgages, emergency funds, funds set aside for purposes such as education or home ownership, or funds required to meet your living expenses. Further, certain evidence indicates that an investment of less than \$50,000 will significantly impair the ability of a day trader to make a profit. Of course, an investment of \$50,000 or more will in no way guarantee success.

Be cautious of claims of large profits from day trading

You should be wary of advertisements or other statements that emphasize the potential for large profits in day trading. Day trading can also lead to large and immediate financial losses. Watch out for "hot tips" and "expert advice" from newsletters and websites catering to day traders

Day trading requires knowledge of securities markets

Day trading requires in-depth knowledge of the securities markets and trading techniques and strategies. In attempting to profit through day trading, you must compete with professional, licensed traders employed by securities firms. You should have appropriate experience before engaging in day trading.

Day trading requires knowledge of a firm's operations

You should be familiar with a securities firm's business practices, including the operation of the firm's order execution systems and procedures. Under certain market conditions, you may find it difficult or impossible to liquidate a position quickly at a reasonable price. This can occur, for example, when the market for a stock suddenly drops, or if trading is halted due to recent news events or unusual trading activity. The more volatile a stock is, the greater the likelihood that problems may be encountered in executing a transaction. In addition to normal market risks, you may experience losses due to system failures.

Day trading will generate substantial commissions, even if the per trade cost is low

Day trading involves aggressive trading, and generally you will pay commissions on each trade. The total daily commissions that you pay on your trades will add to your losses or significantly reduce your earnings. For instance, assuming that a trade costs \$16 and an average of 29 transactions are conducted per day, an investor would need to generate an annual profit of \$111,360 just to cover commission expenses.

Day trading on margin or short selling may result in losses beyond your initial investment

When you day trade with funds borrowed from a firm or someone else, you can lose more than the funds you originally placed at risk. A decline in the value of the securities that are purchased may require you to provide additional funds to the firm to avoid the forced sale of those securities or other securities in your account. Short selling as part of your day-trading strategy also may lead to extraordinary losses, because you may have to purchase a stock at a very high price in order to cover a short position.

Potential Registration Requirements

Persons providing investment advice for others or managing the securities accounts for others may need to register as either an "Investment Advisor" under the Investment Advisors Act of 1940 or as a "broker" or "dealer" under the Securities Exchange Act of 1934. Such activities may also trigger state registration requirements.

DAY TRADING MARGIN DISCLOSURE

Definition of a "Pattern Day Trader"

"Pattern day traders" are defined as those customers who day trade four or more times in five business days. If day trading activities do not exceed six percent of the customer's total trading activity for the five-day period, the clearing firm is not required to designate such accounts as pattern day traders. The six percent threshold is designed to allow clearing firms to exclude from the definition of pattern day trader those customers whose day trading activities comprise a small percentage of their overall trading activities.

In addition, the rule requires a firm that knows, or has a reasonable basis to believe, that the customer is a pattern day trader to designate such customer as a pattern day trader immediately, instead of delaying such determination for five business days.

Minimum Equity Requirement

The rule requires that a pattern day trader have deposited in his or her account minimum equity of \$25,000 on any day in which the customer day trades. The required minimum equity must be in the account prior to any day trading activities. If the customer meets the pattern day trading criteria and does not have the minimum equity in his or her account, the firm will issue an equity deficiency call. This call is separate and distinct from the day trading margin call.

Day Trading Buying Power

Day trading buying power is four times the day trader's maintenance margin excess. This calculation is based on the equity in the customer's account at the close of business the previous day, less any maintenance margin requirement, multiplied by four for equity securities. For most stocks the buying power will be reduced by the notional value of the trade, however some stocks may require a higher buying power based on the risk and volatility of the stock, which can be set by Lightspeed and/or the clearing firm at their discretion.

Day Trading Margin Calls

In the event a day trading customer exceeds his or her trading buying power, firms are required to issue a day trading margin call to pattern day traders that exceed their day trading buying power. Customers have five business days to

deposit funds to meet this day trading margin call. The day trading account is restricted to day trading power of two times maintenance margin excess, beginning on the trading day after the day trading buying power is exceeded until the earlier of when the call is met or five business days. If the day trading margin call is not met by the fifth business day, the account must be further restricted to trading only on a cash basis for 90 days or until the call is met.

Two Day Holding Period Requirement

The rule requires that funds used to meet the day trading minimum equity requirement or to meet a day trading margin call must remain in the customer's account for two business days.

Prohibitions of the Use of Cross Guarantees

Under the amendments, pattern day traders are not permitted to meet day trading margin requirements through the use of cross guarantees. Each day trading account is required to meet the applicable requirements independently, using only the financial resources available in the account. Accordingly, pattern day traders are prohibited from using cross guarantees to minimum equity requirements or to meet day trading margin calls.

EXTENDED HOURS RISK DISCLOSURE STATEMENT

You should consider the following points before engaging in trading outside of regular market hours.

Risk of Lower Liquidity. Liquidity refers to the ability of market participants to buy and sell securities. Generally, the more orders that are available in a market, the greater the liquidity. Liquidity is important because with greater liquidity it is easier for investors to buy or sell securities, and as a result investors are more likely to pay or receive a competitive price for securities purchased or sold. There may be lower liquidity in extended hours trading as compared to regular market hours. As a result, your order may only be partially executed, or not at all.

Risk of Higher Volatility. Volatility refers to the changes in price that securities undergo when trading. Generally, the higher the volatility of a security the greater its price swings. There may be greater volatility in extended hours trading in extended hours trading than in regular market hours. As a result, your order may only be partially executed, or not at all, or you may receive an inferior price in extended hours trading than you would during regular market hours.

Risk of Changing Prices. The prices of securities traded in extended hours trading may not reflect the prices either at the end of regular market hours or upon the opening the next morning. As a result, you may receive an inferior price in extended hours trading than you would during regular market hours.

Risk of Unlinked Markets. Depending on the extended hours trading system or the time of day, the prices displayed on a particular extended hours trading system may not reflect the prices in other concurrently operating extended hours trading systems dealing in the same securities. Accordingly, you may receive an inferior price in one extended hours trading system than you would in another extended hours trading system.

Risk of News Announcements. Normally, issuers make news announcements that may affect the price of their securities after regular market hours. Similarly, important financial information is frequently announced outside of regular market hours. In extended hours trading, these announcements may occur during trading, and if combined with lower liquidity and higher volatility, may cause an exaggerated and unsustainable effect on the price of a security.

Risk of Wider Spreads. The spread refers to the difference in price between what you can buy a security for and what you can sell it for. Lower liquidity and higher volatility in extended hours trading may result in wider than normal spreads for a particular security.

Risk of Lack of Calculation or Dissemination of Underlying Index Value or Intraday Indicative Value ("IIV").

For certain derivative securities products, an updated underlying index value or IIV may not be calculated or publicly disseminated in extended trading hours. Since the underlying index value and IIV are not calculated or widely disseminated during extended hours trading sessions, an investor who is unable to calculate implied values for certain derivative securities products in those sessions may be at a disadvantage to market professionals.

RISKS ASSOCIATED WITH THE USE OF STOP ORDERS

Stop prices are not guaranteed execution prices. A “stop order” becomes a “market order” when the “stop price” is reached and firms are required to execute a market order fully and promptly at the current market price. Therefore, the price at which a stop order ultimately is executed may be very different from the entered “stop price.” Accordingly, while you may receive a prompt execution of a stop order that becomes a market order, during volatile market conditions, the execution may be at a significantly different price from the stop price if the market is moving rapidly.

Stop orders may be triggered by a short-lived, dramatic price change. During periods of volatile market conditions, the price of a stock can move significantly in a short period of time and trigger an execution of a stop order (and the stock may later resume trading at its prior price level). It is important to understand that if your stop order is triggered under these circumstances, you may sell at an undesirable price even though the price of the stock may stabilize during the same trading day.

Sell stop orders may exacerbate price declines during times of extreme volatility. The activation of sell stop orders may add downward price pressure on a security. If triggered during a precipitous price decline, a sell stop order also is more likely to result in an execution, well below the stop price.

Placing a “limit price” on a stop order may help manage some of these risks. A stop order with a “limit price” (a “stop limit” order) becomes a “limit order” when the stock reaches the “stop price.” A “limit order” is an order to buy or sell a security for an amount no worse than a specific price (i.e., the “limit price”). By using a stop limit order instead of a regular stop order, you may receive additional certainty with respect to the price the you receive for the stock. However, you should be aware that, because brokers cannot sell for a price that is lower (or buy for a price that is higher) than the limit price selected, there is the possibility that the order will not be executed at all. Lightspeed encourages the use of limit orders in cases where you prioritize achieving a desired target price more than getting an immediate execution irrespective of price.

MARGIN DISCLOSURE STATEMENT

In some cases, Lightspeed has arranged for you to open a margin account with our clearing firm. If you opened your account under such an arrangement Lightspeed is furnishing this document to you to provide some basic facts about purchasing securities on margin, and to alert you to the risks involved with trading securities in a margin account. Before trading stocks in a margin account, you should carefully review the margin agreement provided by your brokerage firm. Consult your firm regarding any questions or concerns you may have with your margin accounts.

When you purchase securities, you may pay for the securities in full or you may borrow part of the purchase price from your brokerage firm. If you choose to borrow funds from your firm, you will open a margin account with the firm. The securities purchased are the firm’s collateral for the loan to you. If the securities in your account decline in value, so does the value of the collateral supporting your loan, and as a result, the firm can take action, such as issue a margin call and/or sell securities in your account, in order to maintain the required equity in the account.

It is important that you fully understand the risks involved in trading securities on margin. These risks include the following:

- **You can lose more funds than you deposit in the margin account.** A decline in the value of securities that are purchased or an increase in the value of securities that you have sold short on margin may require you to provide additional funds to the firm that has made the loan to avoid the forced liquidation or close out of those securities or other securities in your account.
- **The firm can force the liquidation or close out of securities in your account.** If the equity in your account falls below the maintenance margin requirements under the law, or the firm’s higher “house” requirements, the firm can sell the securities in your account to cover the margin deficiency. You also will be responsible for any shortfall in the account after such a sale.
- **The firm can liquidate or close out your securities without contacting you.** Some investors mistakenly believe that a firm must contact them for a margin call to be valid, and that the firm cannot liquidate securities in their accounts to meet the call unless the firm has contacted them first. This is not the case. Most firms will

attempt to notify their customers of margin calls, but they are not required to do so. However, even if a firm has contacted a customer and provided a specific date by which the customer can meet a margin call, the firm can still take necessary steps to protect its financial interest, including immediately liquidating or closing out the securities positions without notice to the customer.

- **You are not entitled to choose which security in your margin account is liquidated or sold to meet a margin call.** Because the securities are collateral for the margin loan, the firm has the right to decide which security to sell in order to protect its interests.
- **The firm can increase its “house” maintenance margin requirement at any time and is not required to provide you advance written notice.** These changes in firm policy often take effect immediately and may result in the issuance of a maintenance margin call. Your failure to satisfy the call may cause the member to liquidate or sell securities in your account.
- **You are not entitled to an extension of time on a margin call.** While an extension of time to meet margin requirements may be available to customers under certain conditions, a customer does not have a right to the extension.

(Firm refers to either the clearing firm or Lightspeed Financial Services Group LLC)

LIQUIDATION:

In the event that (a) Customer shall fail to timely deposit or maintain or to make payment of margin or any other amount hereunder; (b) Customer (if an individual) shall die or be judicially declared incompetent or (if an entity) shall be dissolved or otherwise terminated; (c) a proceeding under the Bankruptcy Act, an assignment for the benefit of creditors, or an application for a receiver, custodian, or trustee shall be filed or applied for by or against Customer; (d) an attachment is levied against Customer's account; (e) the property deposited as collateral is determined by Lightspeed in its sole discretion, regardless of current market quotation, to be inadequate to properly secure the account; or (f) at any time Lightspeed deems it necessary for its protection for any reason whatsoever, Lightspeed may, in the manner it deems appropriate in order to prevent or minimize loss, close out Customer's open positions in whole or in part, sell any or all of Customer's property held in the Customer's account, including but not limited to exchange memberships, buy any securities, futures contracts, options or other property for Customer's account, and cancel any outstanding orders and commitments made by Lightspeed on behalf of Customer. Such sale, purchase or cancellation may be made at Lightspeed's discretion without advertising the same and without notice to Customer or Customer's personal representatives and without prior tender, demand for margin or payment, or call of any kind upon Customer. Lightspeed may purchase the whole or any part thereof free from any right of redemption. It is understood that a prior demand or call or prior notice of the time and place of such sale or purchase shall not be considered a waiver of Lightspeed's right to sell or buy without demand or notice as herein provided. Customer shall remain liable for and shall pay to Lightspeed through its Clearing Firm immediately the amount of any deficiency in any account of Customer with Lightspeed resulting from any transaction described above. Outstanding margin calls can be met through Liquidation by Lightspeed at any time without notice to the Customer. Risk Liquidations can also be made by Lightspeed at any time if it feels the Customer account is in danger of incurring a negative equity balance or a violation of Lightspeed's Risk Policy without any advance notice to the Customer. Lightspeed will make a good faith attempt to contact the Customer but this sometimes does not occur. This liquidation policy applies to all types of accounts introduced by Lightspeed to a Clearing Firm including Equities/Options and Futures accounts.

Lightspeed Financial Services Group LLC

Form CRS Customer Relationship Summary August 31, 2020

Introduction	<p>Lightspeed Financial Services Group LLC (Lightspeed) is registered with the Securities and Exchange Commission (SEC) as a broker-dealer and is a member of the Financial Industry Regulatory Authority (FINRA) and the Securities Investor Protection Corporation (SIPC). Brokerage and investment advisory fees differ and it is important for you to understand these differences. Free and simple tools are available to research firms and financial professionals at Investor.gov/CRS, which also provides educational materials about broker-dealers, investment adviser, and investing.</p>
What investment services and advice can you provide me?	<p>We offer retail investors the ability to open self directed brokerage accounts to buy and sell securities. Lightspeed will not provide any recommendations to its clients and will monitor accounts only in respect to its regulatory obligations as a broker dealer. We will not perform any investment monitoring since Lightspeed is not making any recommendations.</p> <p>New accounts are subject to the following minimum funding requirements</p> <ul style="list-style-type: none">• \$25,000 – if using the Lightspeed Trader, EZE EMS, Sterling Trader or Livevol X platforms• \$10,000 – if using the Web Trader platform• \$175,000 – Portfolio Margin account• \$110,000 – Portfolio Margin account using Livevol X platform <p>For additional information, please refer to https://www.lightspeed.com/brokerage-services/trading-accounts/funding-information/</p> <p>Conversation Starter. Ask your financial professional—</p> <p><input type="checkbox"/> What is your relevant experience, including your licenses, education and other qualifications? What do these qualifications mean?</p>
What fees will I pay?	<p>Retail investors that open accounts will incur a commission charge that are either priced at a per share rate or a per trade rate. The more trades that are executed in your account will result in more commission charges. It is the retail investors decision to trade as they desire pursuant to their circumstances. A minimum commission charge will be applied to any order of less than 100 shares on the Lightspeed Trader and Sterling Trader platforms. Eze EMS platform will incur a minimum commission charge of \$3. Lightspeed Web has a minimum commission of \$4.50 for options orders. In addition, if your account has a per share commission set up, your trades will also be subject to routing fees based on the market destination that you select. See https://www.lightspeed.com/pricing/routing-fees/ for details. The Web platform does not charge any routing fees. Certain platforms are charged monthly platform fees and market data fees. See https://www.lightspeed.com/platform-comparison/ for details. Accounts that fall below \$15,000 will be charged a \$25 monthly minimum commission fee, minus any actual commissions charged in the prior month.</p> <p>You will pay fees and costs whether you make or lose money on your investments. Fees and costs will reduce any amount of money you make on your investments over time. Please make sure you understand what fees and costs you are paying.</p> <p>For additional information, please see https://www.lightspeed.com/pricing/routing-fees/ (Routing Fees) https://www.lightspeed.com/platform-comparison/ (Platform and Market Data fees)</p> <p>Conversation Starter. Ask your financial professional—</p> <p><input type="checkbox"/> Help me understand how these fees and costs might affect my investments.</p>

What are your Legal obligations to me when providing a recommendation?	<p>Lightspeed Financial Professionals do not make recommendations to you. We offer you the tools to direct your brokerage account and enter transactions as you see fit based on your objectives and financial circumstances.</p>
How does the firm make money and what conflicts of interest do you have?	<p>We do not provide recommendations. The way we make money creates some conflicts with your interests. You should understand and ask us about these conflicts because they can affect the services we provide you. For example, all accounts that fall below \$15,000 equity balance will be charged a \$25 monthly minimum commission fee, minus any actual commissions charged in the prior month. Lightspeed primarily makes money through the generation of transaction-based commissions. If you are a buy and hold investor, you will be charged the monthly minimum commission fee in months where there is no trading activity in the account. Here are some examples to help you understand what this means:</p> <ul style="list-style-type: none"> • An account has a month end equity balance of \$10k and generates commissions totaling \$10 for the month. The account will be charged a monthly minimum commission fee of \$15 (\$25 minus \$10 actual commissions). • An account has a month end equity balance of \$14k and does not have any trades for the month resulting in no commission charges being generated. The account will be charged a \$25 monthly minimum commission fee. <p>Conversation Starter. Ask your financial professional—</p> <p><input type="checkbox"/> How might your conflicts of interest affect me, and how will you address them? For additional information, please see https://www.lightspeed.com/pricing/commission/.</p>
How do your financial professionals make money?	<p>Lightspeed 's financial professionals are compensated primarily on a base salary. A small number may receive a portion of the commissions generated on certain accounts in addition to their salary. The majority of our accounts do not have an assigned financial professional to the account thus no individual will receive part of the commissions.</p>
Do your financial professionals have a legal or disciplinary history?	<p>Yes</p> <p>Visit Investor.gov/crs for a free and simple search tool to research us and our financial professionals.</p> <p>Conversation Starter. Ask your financial professional—</p> <p><input type="checkbox"/> As a financial professional, do you have any disciplinary history? For what type of conduct?</p>
Additional Information	<p>For additional information about our services, please visit our web site at https://www.lightspeed.com/. If you would like additional, up-to-date information or a copy of this disclosure, please call 1-888-577-3123</p> <p>Conversation Starter. Ask your financial professional—</p> <p><input type="checkbox"/> Who is my primary contact person? Is he or she a representative of an investment adviser or a broker-dealer? Who can I talk to if I have concerns about how this person is treating me?</p>

PRIVACY POLICY DISCLOSURE

Overview

Lightspeed Financial Services Group LLC (“**Lightspeed**,” “**we**” or “**us**”) is committed to respecting and protecting your privacy. This privacy policy applies to Lightspeed’s websites and other applications listed here, <https://www.lightspeed.com/> and <https://www.lightspeedinstitutional.com>, (the “**Sites**”). This policy describes the personal information we collect and how that personal information may be used, maintained and, in some cases, shared.

“**Personal information**” includes any information that enables us to identify you, directly or indirectly, by reference to any identifiers such as name, identification number, location data, online identifier, occupation, income and other background and/or credit related information among other information or one or more factors specific to you.

Lightspeed is the “**controller**” and is responsible for deciding how personal information is used. We are a limited liability company organized under the laws of the State of Delaware, U.S.A., with an office at

20 Headquarters Plaza, North Tower, 7th Floor, Morristown, NJ 07960 USA

By using or accessing the Sites, or by providing personal information to us on or through the Sites, you acknowledge that you have read and understood the policies and procedures described in this privacy policy.

If you have any questions or concerns about this privacy policy, please contact us using the information on the [Contact Us](#) page.

Please read our privacy policy to understand:

How We Use Your Personal Information

- [Personal Information You Provide to Us](#)
- [Site Use Information](#)
- [Cookie Policy](#)

“Do Not Track” Browser Settings

Opting Out of Communications

Disclosing Information to Third Parties

Security

Retention

Links to Other Websites

Access from Outside the United States

Your California Privacy Rights

Your European Privacy Rights

Governing Law

Changes to this Privacy Policy

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How We Use Your Personal Information

We use your personal information as described in this policy primarily to provide services that you have requested or to perform our responsibilities under any agreement with you. We also use your personal information in dealing with third party agents who act on our and your behalf (such as firms providing clearing and custody services), to comply with applicable laws and regulations (which may include requests for information from applicable regulatory and governmental authorities) and to provide other information we think may be of interest to you.

Should you wish to limit the use of your personal information you should [contact us](#) so that we may determine how to do that while continuing to provide you the services you expect. We note that should you wish to limit the use of your personal information for purposes of servicing your business with us, we may not be able to continue to provide you services. In all cases, we will retain your personal information and use same as required by applicable law and

regulations (which may include requests for information from applicable regulatory and governmental authorities) even if you request that we not do so.

The situations in which we will process your personal information are listed below:

Personal Information You Provide to Us

This is information that you choose to provide to us, which may include without limitation: your name, job title, company name, contact information including email, postal address and telephone number(s), social security number, occupation, income and information from consumer and/or credit reporting agencies among other background and other relevant information.

You may or will, as applicable, provide your personal information in the following circumstances:

Using our services

Our provision of services to you as well as our third-party providers (e.g., clearing and custody providers) require use of your personal information. We also use your personal information in order to monitor and analyze our business and operations including, without limitation, to comply with applicable legal and regulatory requirements and in connection with investigations and litigation.

Subscribing to marketing services, news, alerts or other publications

You can use the Sites to subscribe to Lightspeed or third-party marketing services, news, data, alerts or other publications. We may ask you to provide personal information such, without limitation, as your name, contact details and topics of interest. We will use this information to provide you with the content you have requested and to tailor this content to your preferences and areas of interest as well as to provide information required by certain third-party providers of services such, without limitation, providers of data.

We may use your personal information to communicate with you about other topics that we believe may be of interest unless you withdraw your consent. You can unsubscribe from this content at any time (please see the “Opting-out of Communications” section below).

Blogs

In some cases, our Sites allow you to comment on Lightspeed blog posts and to share content with third parties via email or social media. Personal information may be shared in any comment and you may submit your name or email address with the comment. By sharing content on social media, you will provide Social Networks with information about your use of our Sites.

You can use our Sites to subscribe to an RSS feed or to receive email updates of our blogs by submitting your name and email address. We use this information to send you the content you request and to communicate with you in connection with our blogs. You can unsubscribe from this content at any time (please see the “Opting-out of Communications” section below).]

Events or webinars

You may provide your personal information, including your name and contact details, through our Sites to register for Lightspeed events and webinars. We will use this information to process the registration and contact you about any changes or updates regarding the event or webinar.

We may share your personal information with speakers or event sponsors, provided you have given your consent. We may also contact you with information about other events and other Lightspeed activities and services provided you have consented to receiving such information. You can unsubscribe from this information at any time (please see the “Opting-out of Communications” section below).

Careers

You can use our [careers site](#), to learn about our firm and apply for open positions by submitting a resume and other information via email. We may also receive resumes from recruitment consultants, Lightspeed employees or other third parties.

Resumes will typically include personal information, including name, contact details, information about academic and professional qualifications and experiences, your interests and the position at Lightspeed for which you are applying.

We will use this personal information to:

- Assess your suitability for the position for which you are applying;
- Contact you in relation to your application;
- Manage and administer our recruitment processes; and
- Provide updates on vacancies at Lightspeed which might be suitable for you, provided you have given your consent.

In the event you are not hired by our firm, we will permanently delete your resume and any other personal information held about you within six months after receiving your application, unless you have given us your consent to keep this information for a longer period in order to inform you about future vacancies which may be of interest.

Contacting us by phone, e-mail or otherwise

When you communicate with us via our [Contact Us](#) page, you are asked to provide your name, email address and phone number. We will use this information to respond to your questions and comments. We will request similar personal information in order to confirm your identity when you contact us by phone, email or otherwise.

We will use your personal information to provide you, or permit selected third parties to provide you, with information about goods or services we feel may interest you, provided you have given your consent, which can be withdrawn at any time.

Site Use Information

Our web servers may collect information including the IP address of visitors to our Sites, browser type and version, time zone setting, browser plug-in types and versions, operating system and platform.

We use this personal information for the following purposes:

- To measure the use of our Sites, including number of visits, average time spent on a Site, pages viewed, page interaction information (such as scrolling, clicks, and mouse-overs), etc., and to improve the content we offer;
- To administer the Sites and for internal operations, including troubleshooting, data analysis, testing, research, statistical and survey purposes; and
- As part of our efforts to keep the Sites safe and secure;

We may share with third parties this information or other data on an aggregated basis without the use of any personal information.

Cookie Policy

Overview

Like most websites, we may employ “cookies” or similar technologies. This Cookies Policy tells you about the use of Cookies and similar technologies on Lightspeed’s websites and other applications listed here, www.lightspeed.com/ and www.lightspeedinstitutional.com (the “Sites”).

When you first access the Sites from certain jurisdictions, you will receive a message advising you that cookies and similar technologies are in use. By continuing to browse the Sites, you signify that you understand and agree to the use of these technologies, as described in this Cookies Policy.

You do not have to accept cookies and consent can be withdrawn at any time (see How to Control Cookies, below). You can change your browser settings to refuse or restrict cookies, and you may delete them after they have been placed on your device at any time. If you do not accept or delete our cookies, some areas of our Sites that you access may take more time to work or may not function properly.

What are cookies?

Cookies are small files containing a string of characters which we may store on your computer or mobile device when you visit the Sites. When you visit the Sites again, the cookies allow us to recognize your browser. Cookies may store your preferences and other information but cannot read data off your hard disk or read cookie files created by other sites.

We may use cookies to deliver content tailored to your interests. We may use information collected with cookies to statistically analyze usage of our Sites and to improve and customize our content and other offerings.

How to Control Cookies

When you first access the Sites from certain jurisdictions, you will receive a message advising you that cookies and similar technologies are in use. By continuing to browse the Sites, you signify that you understand and agree to the use of these technologies, as described in this Cookies Policy.

You do not have to accept cookies and consent can be withdrawn at any time, although you may not be able to use certain features on the Sites. You can do this by activating the settings on your browser that allows you to refuse all or some cookies.

Please follow the links below to helpful information for the most popular browsers:

- **Microsoft Internet Explorer:** <https://support.microsoft.com/en-gb/help/17442/windows-internet-explorer-delete-manage-cookies>
- **Google Chrome:** <https://support.google.com/chrome/answer/95647?co=GENIE.Platform%3DDesktop&hl=en>
- **Mozilla Firefox:** <https://support.mozilla.org/en-US/kb/enable-and-disable-cookies-website-preferences>
- **Apple Safari:** <https://support.apple.com/guide/safari/manage-cookies-and-website-data-sfri11471/mac>

In addition, you can exercise advertising cookie choices by visiting:

- <http://www.aboutads.info/choices/>,
- <http://www.networkadvertising.org/choices/>; or
- <http://youronlinechoices.com/>.

Web Beacons

As well as cookies, we use other technologies to recognize and track visitors to our Sites. A web beacon (also known as a “tracking pixel” or “clear GIF”) is a clear graphic image (typically a one-pixel tag) that is delivered through a web browser or HTML e-mail, typically in conjunction with a cookie.

Web beacons allows us, for example, to monitor how users move from one page within our Sites to another, to track access to our communications, to understand whether users have come to our Sites from an online advertisement displayed on a third-party website, to measure how ads have been viewed, and to improve Site performance.

Changes to this Cookies Policy

We may occasionally amend this Cookies Policy to reflect our activities and user feedback, and we reserve the right to make changes to this Cookies Policy at any time.

The provisions contained in this Cookies Policy supersede all previous notices or policies regarding our privacy practices with respect to the Sites.

Please check the “Last Updated” legend at the top of this page to see when this Cookies Policy was last revised.

We encourage you to check frequently to see the current Cookies Policy to be informed of how we are committed to protecting your information and providing you with improved content on our Sites in order to enhance your experience.

Contact

If you have any questions or comments regarding our Cookies Policy or our Sites, please contact us using the [Contact Us](#) page.

“Do Not Track” Browser Settings

We do not use technology that recognizes a “do-not-track” signal from your web browser, because we do not track users other than for aggregate statistical purposes.

Opting Out of Communications

If you have subscribed to or are otherwise receiving Lightspeed news, alerts, blog posts, or similar information from us by email and no longer want to receive such information in the future, you may opt-out of receiving these emails by clicking the “unsubscribe” link at the bottom of those emails you receive. Please allow ample time for us to process your request. If you are having difficulty unsubscribing, please contact us using the [Contact Us](#) page. Please note that even if you opt-out of receiving emails, you may still receive communications related to your interaction with us (such as confirmation of a registration or form submission) or otherwise as required by law or regulation. Also note that we may need to keep personal information we have collected about you to respect your decision to opt-out, for record-keeping, research and other purposes.

Disclosing Information to Third Parties

We will not share, rent, sell or otherwise disclose any personal information that we collect about you through our Sites, except in any of the following situations:

- You request or consent to the release of your personal information;
- We will disclose your personal information to third-party agents, contractors and payment processors who perform services for us, or to complete or confirm a transaction or series of transactions that you conduct with us;
- We will disclose your personal information to service providers or suppliers where the disclosure will enable that party to perform business, professional or technical support for us;
- Where you have provided your consent, which can be withdrawn at any time, we will provide your personal information to other select third parties approved by Lightspeed as offering products or services relevant and useful to you. The use by and/or content of communications from any third party will be pre-approved by Lightspeed;
- We may disclose personal information about you as part of a merger, acquisition or other sale or transfer of the assets or business of Lightspeed. In such circumstances, we will take steps to inform you of the transfer either directly or indirectly through publishing news of the transaction; and
- We may disclose personal information you have provided to comply with the law, applicable regulations, governmental and quasi-governmental requests, court orders or subpoenas, or to enforce our Terms of Use or other agreement with you; or to protect our rights, property or safety or the rights, property or safety of our users or others. We reserve the right to release information that we collect to law enforcement or other government officials, as we, in our sole and absolute discretion, deem necessary or appropriate.

We will also share aggregated or anonymous information that cannot identify you with third parties. For example, we disclose the number of visitors to the Sites or the number of people who have downloaded a particular document.

Security

Where Personal Information is requested, we use technology designed to encrypt the information that you input before it is sent to us. In addition, we take steps to protect the user data we collect against unauthorized access. However, you should keep in mind that the Sites are run on software, hardware, and networks, any component of which may, from time to time, require maintenance or experience problems or breaches of security beyond our control. While we take steps to protect your personal information and keep it secure, you also play a role in protecting your information. You must maintain the security of your transactions and communications by not sharing your passwords and account information with any unauthorized parties. Please also be aware that despite our best intentions and the guidelines

outlined in this privacy policy, no data transmission over the Internet or encryption method can be guaranteed to be 100% secure. We cannot guarantee the security of any information you transmit to us or from our Sites, and therefore you use our Sites at your own risk.

Retention

We will store your personal information, in a form which permits us to identify you, for no longer than is necessary for the purpose for which the personal information is processed. We may retain and use your personal information as necessary to comply with our legal and regulatory obligations, resolve disputes, and enforce our agreements and rights, if it is not technically reasonably feasible to remove it and as otherwise described in this document. Consistent with these requirements, we will try to delete your personal information quickly upon request.

Links to Other Websites

Our Sites may contain links to other websites. This privacy policy only addresses the use and disclosure of your personal information collected through our Sites, if any. If you choose to visit an external website linked from a Site, you will leave our Site. While we try to link only to websites that share our standards and respect for privacy, we are not responsible for the privacy practices of any third parties or the content of linked websites. We encourage you to read the applicable privacy policies and terms and conditions of such parties or websites.

Child Privacy

If you are under the age of majority in your home jurisdiction, please do not use or access the Sites. It is not our intention to collect or use personal information from anyone under the age of majority, and we will not knowingly do so. If we are made aware that we have collected any personal information from minors and are asked to delete such information from our databases, we will promptly do so.

Access from Outside the United States

If you access a Site from outside of the United States, information that we collect about you will be transferred to servers inside the United States, which may involve the transfer of information out of your country of origin. By allowing us to collect personal information about you, you consent to such transfer and processing of your personal information.

Your California Privacy Rights

For California residents only. We may disclose your personal information to our affiliates or other related third parties for their use in marketing to you. Pursuant to California's "Shine the Light Act," California residents are permitted to request information about the manner in which we share certain categories of information with third parties for their marketing use. Please send an email to info@lightspeed.com to request a copy of our disclosure pursuant to California law.

We will provide the required information to your email address in response. Please be aware that not all information sharing is covered by the "Shine the Light" requirements and only information on covered sharing will be included in our response.

Your European Privacy Rights

For European residents only. Under European data protection law, in certain circumstances, you have the right to:

- Request access to any personal information we hold about you ("**Subject Access Request**") as well as related information, including the purposes for processing the personal information, the recipients or categories of recipients with whom the personal information has been shared, where possible, the period for which the personal information will be stored, the source of the personal information, and the existence of any automated decision making;
- Obtain without undue delay the rectification of any inaccurate personal information we hold about you;
- Request that personal information held about you is deleted;
- Prevent or restrict processing of your personal information; and
- Request transfer of personal information directly to a third party where this is technically feasible.

Also, where you believe that Lightspeed has not complied with its obligation under this privacy policy or European law, you have the right to make a complaint to an EU Data Protection Authority.

You can exercise any of these rights by contacting us using the [Contact Us](#) page.

Governing Law

By choosing to visit our Sites or provide information to us, you agree that any dispute over privacy or the terms contained in this Privacy Policy will be governed by the laws of the State of New York and the United States of America. You also agree to abide by any limitation on damages contained in our [Terms of Use](#), or other agreements that we have with you which shall be broadly construed as being applicable to all uses of your personal information. Additionally, Lightspeed will not be responsible for any losses arising from inaccurate, deficient, inauthentic or incomplete personal information provided to Lightspeed.

Changes to this Privacy Policy

We reserve the right to make changes to this Privacy Policy at any time. The use of your information is subject to the Privacy Policy and Terms of Use in effect at the time of use. The provisions contained in this Privacy Policy supersede all previous notices or policies regarding our privacy practices with respect to the Sites.

Contact

If you have any questions or comments regarding our Privacy Policy or our Sites, please contact us using the [Contact Us](#) page.

FEE DISCLOSURE STATEMENTS

- A monthly minimum commission fee will be charged for accounts which maintain less than \$15,000 in total account value (equity) and generate less than \$25 in monthly commissions. The monthly fee assessed on such accounts will be \$25, minus any actual commissions charged in the prior month. Accounts which generate \$25 or more in commissions will not be charged any fee to maintain their accounts at Lightspeed, even if the total account value falls below \$15,000. The equity calculation will be performed on the first business day of each month, using the prior month's commissions to offset any fee.

For example, an account which has a total value of \$14,000 on June 1st and generated \$20 in commission in all of May, will be charged the \$5 difference. If the same account generated no commissions in May, it would be charged the full \$25 amount. Accounts which have more than \$15,000 in equity will not be subject to the monthly minimum commission fee. Additionally, accounts with less than \$15,000 in equity will only have access to Lightspeed Web Trader, our web-based trading platform.

- Margin accounts which do not have free cash available to meet any fees which the account may incur will have the fees deducted from margin and will thus be subject to any applicable margin debit charges.
- Margin accounts with no available margin, or Cash accounts which do not have free cash available, will be subject to the liquidation of positions in order to free up the funds required to pay any fees.
- Market data fees differ based on Professional or Non-Professional subscriber status and do not include any applicable taxes.
- NYSE data feed subscribers with multiple terminals may be eligible for reduced per-terminal rates.
- Fees and rate, including Market Center fees and Routing Charges, are subject to change without prior notice.

NOTICE CONCERNING SEC RULE 606

Securities and Exchange Commission Rule 606 of Regulation NMS requires all broker-dealers to make publicly available a quarterly report with regard to their order routing practices for non-directed orders in NMS stocks that are submitted on a held basis and of non-directed orders that are customer orders in NMS securities that are options contracts broken down by calendar month. The Rule excludes from the quarterly report those orders that are directed by a customer to a particular exchange or market for execution.

Lightspeed Financial Services Group LLC's reports are available on the website: www.Lightspeed.com/lightspeed-disclosures/. Click on the appropriate quarter to access the data for the relevant time-period.

In addition, customers may request disclosure of the venues to which their orders were routed on a held basis in NMS stocks in the six months prior to the request. For orders in NMS securities that are option contracts, customers may request the identity of the venue to which their orders were routed for execution in the six months prior to the request, whether the orders were directed orders or non-directed orders, and the time of the transactions, if any, that resulted from such orders. Contact Lightspeed Client Services at 888-577-3123 for any such request.

VOLATILE MARKETS MESSAGE

What are volatile markets? A volatile market is a high-volume trading session marked by extreme price fluctuations and order imbalances resulting from numerous investors entering buy or sell orders for the same security simultaneously. Because of these imbalances, wide price variances in short periods of time are common. On any given day, volatile markets can affect a particular security, groups of securities or the market as a whole. Volatile markets can be caused by material news announcements, market developments and even trading halts taking place in less volatile securities. System access, system response times, system performance and trade executions may be adversely affected during volatile market conditions.

There are risks of trading in volatile markets including, but not limited to, the following. Inaccurate or late price quotes, market order execution prices significantly different from the current price quote, delays in trade executions, delays in open order cancellation requests and delays in trade confirmation reporting. Limit orders can eliminate several of the risks associated with volatile markets. A limit order will limit the execution price to the limit price specified or better, whereas a market order will execute at the current market price. Failure to use a limit order in volatile market conditions could result in customers paying more to purchase securities or receiving less on the sale of securities.

Placing cancel requests on open orders means the customer is sending a message to the system, which in turn sends that cancellation request to the exchange. In volatile markets this process can be significantly delayed. Order execution confirmations may be delayed during volatile markets.

SIPC

Lightspeed Financial Services Group LLC is a member of the Securities Investor Protection Corporation ("SIPC"), which protects cash and securities held for a customer (as defined by the Securities Investor Protection Act of 1970 ("SIPA")) up to \$500,000, of which up to \$250,000 can be a cash claim. Cash (free credit balance) is protected by SIPC only when held in an account for the purpose of investing or reinvesting in securities. You can obtain more information about SIPC, including the SIPC brochure, by contacting SIPC at <http://www.sipc.org/> or 202-371-8300.

FUTURES ACCOUNTS

The National Futures Association (NFA) requires that we notify you in writing about the NFA's Background Affiliation Status Information Center ("BASIC"). BASIC contains Commodity Futures Trading Commission ("CFTC") registration and NFA membership information and futures related disciplinary history and non-disciplinary activities contributed by NFA, the CFTC, and the US futures exchanges. BASIC can be accessed at the NFA website <http://www.nfa.futures.org/> or you can contact the NFA at (800) 621-3570 for additional information.

SIPC does not cover commodity contracts and options on futures.

FINRA'S BROKERCHECK PROGRAM

FINRA BrokerCheck should be your first resource to learn about the professional background, registration/license status and conduct of FINRA registered firms and their registered brokers as well as investment adviser firms and their investment adviser representatives. FINRA makes information on securities professionals and firms available online. To begin your search for information on a securities firm or professional (individual) visit <http://www.finra.org>. You can obtain more information about this program in the BrokerCheck Program brochure available by calling the BrokerCheck Hotline at 800-289-9999 or contacting FINRA using the "email us" link on the BrokerCheck page of its web site.

OPTIONS DISCLOSURE

Please follow this link to review the OCC's Characteristics & Risks of Standardized Options:
<http://www.optionsclearing.com/about/publications/character-risks.jsp>



20 Headquarters Plaza, North Tower, 7th Floor, Morristown, NJ 07960

ACKNOWLEDGEMENT:

I have read, understand, and retained copies of the following disclosures issued by **Lightspeed Financial Services Group LLC**. A Registered Representative or Branch Manager has answered all of my questions and has addressed all of my concerns regarding these disclosures.

**Customer Identification Program
Business Continuity & Disaster Recovery Plan Summary
Day-Trading Risk Disclosure
Day-Trading Margin Disclosure
Extended Hours Risk Disclosure
Margin Disclosure
Form CRS
Privacy Policy
Fee Disclosure**

If you have any questions regarding the above disclosure or need additional information, please contact your Registered Representative or Branch Manager.

Print Name

Account Number

Print Name

Account Number

Customer Signature

Date

Customer Signature

Date

Branch Manager Signature

Date



3RD Party Software Provider Affiliation Attestation

ACCOUNT NUMBER: _____

ACCOUNT NAME: _____

I, _____ hereby acknowledge that I have no affiliation with either Turn Key Broker Solutions, Sterling Trading Tech or EZE Software Group (RealTick).

I also agree to immediately notify Lightspeed in the event that my affiliation status with either of the above-referenced entities should change.

Signature: _____

Print Name: _____

Date: _____/_____/20____

NASDAQ OMX Online Global Subscriber Agreement Summary

NASDAQ OMX™

Subscribers to the Information must sign The NASDAQ OMX Group, Inc. ("NASDAQ OMX") Subscriber Agreement ("Agreement") or its equivalent in order to receive the Information (Refer to definition in [Section 12](#)). While all terms are important, NASDAQ OMX asks that you pay particular attention to the following conditions. For additional information, refer to the sections referenced at the end of each condition.

Restrictions on uses and transfers: The subscriber ("Subscriber") may not provide access to information described herein ("Information") or transfer this Agreement to others. The Information is only for use as described by the Non-Professional or Professional Subscriber (for U.S. Information) and Business or Private (for non-US. Information) definitions. [\[Section 12\]](#)

Most types of damages are excluded and remaining damages are limited: NASDAQ OMX is not liable for trading losses, lost profits or incidental, consequential or other indirect damages, even if the Information is untimely or incorrect. Other damages (if any) are strictly limited (in contract, tort or otherwise) to a capped amount. [\[Section 6\]](#) and [\[Section 7\]](#)

No implied or statutory warranties or duties: All warranties and duties (if any) are eliminated. There are no express warranties, except for a Limited Warranty regarding efforts only. Stock quotes might not be current and/or accurate. [\[Section 7\]](#)

Subscriber provides an indemnity: Subscriber indemnifies NASDAQ OMX and holds NASDAQ OMX harmless for any Claims or Losses (as described in Section 9) resulting from Subscriber's breach of the Agreement, from Subscriber's infringement of a third-party's intellectual property rights or from any third-party lawsuit related to Subscriber's use or receipt of Information. [\[Section 9\]](#)

Notices; Notification of Changes. All notices and other communications (except for invoices) required to be given in writing under this Agreement shall be directed to the signatories or, in the alternative, to the individuals identified in subsections (a) and (b) below. Notices shall be deemed to have been duly given (i) upon actual receipt (or date of first refusal) by the parties, or (ii) upon constructive receipt (or date of first refusal) if sent by certified mail, return receipt requested, or any other delivery method that actually obtains a signed delivery receipt, to the following addresses or to such other address as any party hereto shall hereafter specify by prior written notice to the other party or parties below, or (iii) upon posting the notice or other communication on the NASDAQTrader website or a successor site. If an email address is provided, NASDAQ OMX may, in lieu of the above, give notice to or communicate with Distributor by email addressed to the persons identified in subsection (a) or to such other email address or persons as Distributor shall hereafter specify by prior written notice. By providing an email address, Distributor agrees that any receipt received by NASDAQ OMX from Distributor's service provider or internet computer server indicating that the email was received shall be deemed proof that Distributor received the message. If Distributor cannot see or printout all or any portion of the message, Distributor agrees that it is Distributor's responsibility to contact NASDAQ OMX at (301) 978-5307.

(a) if to **Subscriber:**

Name: _____
Title: _____
Address: _____

Telephone #: _____
Fax #: _____
Email: _____

With, in the event of notices of dispute or default, a required copy to:

(b) If to **NASDAQ OMX:**

NASDAQ OMX Global Data Products
9600 Blackwell Road, Suite 500
Rockville, MD 20850
Phone: +1 301 978 5307 or +45 33 93 33 66
DataAdmin@nasdaqomx.com

With, in the event of notices of default or dispute, a required copy to:

The NASDAQ OMX Group, Inc.
Office of General Counsel
Attn: Contracts Group
9600 Blackwell Road
Rockville, MD 20850

Governing Law; Construction: Everything relating to this Agreement is governed by the laws as detailed in per Appendix 1. For Information received, this Agreement shall be deemed to have been made in the jurisdiction of the applicable NASDAQ OMX Market as detailed in Appendix 1. [\[Appendix 1\]](#)

No oral amendments and only NASDAQ OMX may amend: The Agreement may not be altered orally and may only be altered by NASDAQ OMX pursuant to an agreement procedure which includes notice to either the Subscriber or the Distributor. Failure to terminate the Agreement before, or use of Information thereafter, an amendment will be the Subscriber's consent (or confirmation of earlier consent) to the amendment. [\[Section 10\]](#) and [\[Section 11\]](#)

Distributors can impact Subscriber's rights but not NASDAQ OMX's rights: A Distributor does not have the authority to change the Agreement. Distributors are obligated to provide notice of NASDAQ changes to the Subscriber. However, if they do not, NASDAQ OMX's notice to the Distributor is still effective, as to Subscriber including notice of cancellation. [\[Summary\]](#) and [\[Section 12\]](#).

Requirements of Self-Regulatory Organization; Actions To Be Taken In Fulfillment of Statutory Obligations. Distributor acknowledges that NASDAQ OMX may be under certain restrictions when offering the Information, as detailed in Appendix 1. [\[Section 1\]](#)

Please review the following terms and conditions of the NASDAQ OMX Global Subscriber Agreement before you complete the Signature Section: You must be 18 years of age and must designate yourself as either a Non-Professional or Professional and Business or Private Subscriber in the following section, based on the definitions provided in Section 12. To qualify as Non-Professional or Private Subscriber, you must meet all the terms set forth in Section 12. *By completing this section, I agree to the terms and conditions set forth in this NASDAQ OMX Global Subscriber Agreement.*

☐ **Individual Subscriber** – Complete Section A.

☐ **Subscriber Firm or Organization**–Complete Section B.

US Subscriber Status:

☐ Professional
☐ Non-Professional

Non-US Subscriber Status:

☐ Business
☐ Private

US Subscriber Status:

☐ Professional

Non-US Subscriber Status:

☐ Business

A. Individual Subscriber Information:

B. Subscriber Firm Information:

(PRINT NAME OF INDIVIDUAL SUBSCRIBER)

(PRINT NAME OF SUBSCRIBER FIRM)

By: _____
(SUBSCRIBER SIGNATURE)

By: _____
(SUBSCRIBER SIGNATURE)

Date: _____, 20____

Name of
Signatory: _____
(PRINT NAME OF PERSON SIGNING on BEHALF of SUBSCRIBER FIRM)

Title: _____
AUTHORIZED OFFICER

Date: _____, 20____

Distributor Information (for Distributor/Vendor/Data Provider Use Only)

Distributor: _____
(PRINT NAME OF DISTRIBUTOR FIRM)

By: _____
(PRINT NAME OF PERSON SIGNING on BEHALF of DISTRIBUTOR)

Signatory: _____
(SIGNATURE OF PERSON SIGNING on BEHALF of DISTRIBUTOR)

Title: _____
AUTHORIZED OFFICER

Date: _____, 20____

If you signed the Agreement, make a copy for your records (electronically or otherwise). If you did not intend to sign, or signed electronically in error, click on "Cancel". To confirm your signature and the accuracy of the information above click on "Signature Confirmed" this will submit the Agreement and legally bind Subscriber to the Agreement.

Signature Confirmed

Cancel

NASDAQ OMX Global Subscriber Agreement Terms and Conditions

NASDAQ OMX™

The Distributor and its agents may not modify or waive any term of this Agreement. Any attempt to modify this Agreement, except by NASDAQ OMX, is void.

1. USE OF DATA. Subscriber may not sell, lease, furnish or otherwise permit or provide access to the Information to any other Person or to any other office or place. Subscriber will not engage in the operation of any illegal business use or permit anyone else to use the Information, or any part thereof, for any illegal purpose or violate any NASDAQ OMX or Securities and Exchange Commission ("SEC") Rule or any Financial Services Authority Rule ("FSA") or other applicable law, rule or regulation. Subscriber may not present the Information rendered in any unfair, misleading or discriminatory format. Subscriber shall take reasonable security precautions to prevent unauthorized Persons from gaining access to the Information.

a. Non-Professional or Private Subscriber — For Non-Professional or Private Subscriber, the Information is licensed only for personal use. By representing to Distributor that Subscriber is a Non-Professional or Private Subscriber, or by continuing to receive the Information at a Non-Professional or Private Subscriber rate, Subscriber is affirming to Distributor and to NASDAQ OMX that Subscriber meets the definition of Non-Professional or Business Subscriber as set forth in [Section 12](#) of this Agreement. A Non-Professional or Private Subscriber shall comply promptly with any reasonable request from NASDAQ OMX for information regarding the Non-Professional Subscriber's receipt, processing, display and redistribution of the Information.

b. Professional or Business Subscriber — For Professional or Business Subscriber, the Information is licensed for the internal business use and/or personal use of the Professional or Business Subscriber. Professional or Business Subscribers may, on a non-continuous basis, furnish limited amounts of the Information to customers in written advertisements, correspondence or other literature or during voice telephonic conversations not entailing computerized voice, automated information inquiry systems or similar technologies. Upon request, Professional or Business Subscribers shall make its premises available to NASDAQ OMX for physical inspection of Distributor's Service and of Professional or Business Subscriber's use of the Information (including review of any records regarding use of or access to the Information and the number and locations of all devices that receive Information), all at reasonable times, upon reasonable notice, to ensure compliance with this Agreement.

2. PROPRIETARY DATA. NASDAQ OMX grants to Subscriber a nonexclusive, non-transferable license during the term of the Agreement to receive and use the Information transmitted to it by Distributor and thereafter, to use such Information as permitted under the terms of this Agreement and/or the NASDAQ OMX Requirements. Subscriber acknowledges and agrees that NASDAQ OMX has proprietary rights to the Information that originates on or derives from markets regulated or operated by NASDAQ OMX, and compilation or other rights to Information gathered from other sources. Subscriber further acknowledges and agrees that NASDAQ OMX's third-party information providers have exclusive proprietary rights to their respective Information. In the event of any misappropriation or misuse by Subscriber or anyone who accesses the Information through Subscriber, NASDAQ OMX or its third-party information providers shall have the right to obtain injunctive relief for its respective materials. Subscriber will attribute source as appropriate under all the circumstances.

3. PAYMENT. Subscriber shall assume full and complete responsibility for the payment of any taxes, charges or assessments imposed on Subscriber or NASDAQ OMX (except for federal, state or local income taxes, if any, imposed on NASDAQ OMX) by any foreign or domestic national, state, provincial or local governmental bodies, or subdivisions thereof, and any penalties or interest relating to the provision of the Information to Subscriber. Interest shall be due from the date of the invoice to the time that the amount(s) that are due have been paid. To the extent permitted by applicable law, Subscriber acknowledges and agrees that the termination of the Distributor's Service for failure to make payments shall not be considered an improper limitation of access by NASDAQ OMX. For Professional or Business Subscribers, if any payment is due directly to NASDAQ OMX under this Agreement, payment in full is due NASDAQ OMX in immediately available funds, in the currency specified by NASDAQ OMX by a check to NASDAQ OMX, by electronic funds transfer to an institution of NASDAQ OMX's choosing or by any other form of payment as specified by NASDAQ

OMX in Appendix 1, within fifteen (15) days of the date of an invoice, whether or not use is made of, or access is made to, the Information.

4. SYSTEM. Subscriber acknowledges that NASDAQ OMX, in its sole discretion, may from time-to-time make modifications to its system or the Information. Such modifications may require corresponding changes to be made in Distributor's Service. Changes or the failure to make timely changes by Distributor or Subscriber may sever or affect Subscriber's access to or use of the Information. NASDAQ OMX shall not be responsible for such effects. NASDAQ OMX does not endorse or approve any equipment, Distributor or Distributor's Service.

5. EXCLUSIVE REMEDY. NASDAQ OMX shall endeavor to offer the Information as promptly and accurately as is reasonably practicable. In the event that the Information is not available as a result of failure by NASDAQ OMX to perform its obligations under this Agreement, NASDAQ OMX will endeavor to correct any such failure. If the Information is not available, is delayed, is interrupted, is incomplete, is not accurate or is otherwise materially affected for a continuous period of four (4) hours or more during the time that NASDAQ OMX regularly transmits the Information due to the fault of NASDAQ OMX (except for a reason permitted in this Agreement or in NASDAQ OMX's agreement with the Distributor), Subscriber's or any other Person's exclusive remedy against NASDAQ OMX shall be:

a. If Subscriber or any other Person continues to receive the Information or any other data and/or information offered by NASDAQ OMX, a prorated month's credit of any monies due, if any, for the affected Information directly to NASDAQ OMX from Subscriber or, if applicable, from said other Person, for the period at issue; or

b. If Subscriber or any other Person no longer receives either the Information or any other data and/or information offered by NASDAQ OMX, a prorated month's refund of any monies due for the affected Information directly to NASDAQ OMX from Subscriber or, if applicable, from said other Person, for the period at issue.

Such credit or refund shall, if applicable, be requested in writing to NASDAQ OMX with all pertinent details. Beyond the warranties stated in this section, there are no other warranties of any kind — express, implied, statutory (including without limitation, timeliness, truthfulness, sequence, completeness, accuracy, freedom from interruption), implied warranties arising from trade usage, course of dealing, course of performance or the implied warranties of merchantability or fitness for a particular use or purpose.

6. LIMITATION OF LIABILITY.

a. Except as may otherwise be set forth herein, NASDAQ OMX shall not be liable to Subscriber, its Distributor or any other Person for indirect, special, punitive, consequential or incidental loss or damage (including, but not limited to, trading losses, loss of anticipated profits, loss by reason of shutdown in operation or increased expenses of operation, cost of cover or other indirect loss or damage) of any nature arising from any cause whatsoever, even if NASDAQ OMX has been advised of the possibility of such damages.

b. NASDAQ OMX shall not be liable to Subscriber or any other Person for any unavailability, interruption, delay, incompleteness or inaccuracy of the Information that lasts less than four (4) continuous hours during the time that NASDAQ OMX regularly transmits the Information or if the Information is materially affected for less than four (4) continuous hours during the time that NASDAQ OMX regularly transmits the Information.

c. If NASDAQ OMX is for any reason held liable to Subscriber or to any other Person, whether in tort or in contract, the liability of NASDAQ OMX within a single year of the Agreement (one year from the effective date of the Agreement) is limited to an amount of Subscriber's damages that are actually incurred by Subscriber in reasonable reliance (combined with the total of all claims or losses of Subscriber's Distributor and any other Person claiming through, on behalf of or as harmed by Subscriber) and which amount does not exceed the lesser of:

i. For Subscriber or any other person that continues to receive the Information or any other data and/or Information offered by NASDAQ OMX, a prorated month's credit of any monies due directly to NASDAQ OMX from Subscriber or, if applicable, from any other Person, for the Information at issue during the period at issue, or if Subscriber or any other Person no longer receives either the Information or any other data and/or information offered by NASDAQ OMX, a refund of any monies due directly to NASDAQ OMX from Subscriber or, if applicable, from any other Person, for the Information at issue during the period at issue; or

ii. \$500.

d. This section shall not relieve NASDAQ OMX, Subscriber or any other Person from liability for damages that result from their own gross negligence or willful tortious misconduct or from personal injury or wrongful death claims.

e. Subscriber and NASDAQ OMX understand and agree that the terms of this section reflect a reasonable allocation of risk and limitation of liability.

7. DISCLAIMERS OF WARRANTIES. NASDAQ OMX and its third-party information providers make no warranties of any kind — express, implied or statutory (including without limitation, timeliness, truthfulness, sequence, completeness, accuracy, freedom from interruption), any implied warranties arising from trade usage, course of dealing, course of performance or the implied warranties of merchantability or fitness for a particular use or purpose or noninfringement.

8. THIRD-PARTY INFORMATION PROVIDERS' LIMITATION OF LIABILITY. NASDAQ OMX's third-party information providers shall have no liability for any damages for the accuracy of or for delays or omissions in any of the Information provided by them, whether direct or indirect, lost profits, special or consequential damages of the Subscriber or any other Person seeking relief through Subscriber, even if the third-party information providers have been advised of the possibility of such damages. In no event will the liability of the third-party information providers or their affiliates to Subscriber or any other Person seeking relief through Subscriber pursuant to any cause of action, whether in contract, tort or otherwise, exceed the fee paid by Subscriber or any other Person seeking relief through Subscriber, as applicable.

9. CLAIMS AND LOSSES. Subscriber will indemnify NASDAQ OMX and hold NASDAQ OMX and its employees, officers, directors and other agents harmless from any and all Claims or Losses imposed on, incurred by or asserted as a result of or relating to: (a) any noncompliance by Subscriber with the terms and conditions hereof; (b) any third-party actions related to Subscriber's receipt and use of the Information, whether authorized or unauthorized under the Agreement. Each party warrants and represents and will indemnify and hold harmless (and in every case, NASDAQ OMX shall be permitted to solely defend and settle) another party (including NASDAQ OMX) and their officers, directors, employees and other agents, against any Claims or Losses arising from, involving or relating to a claim of infringement or other violation of an intellectual property right by the indemnifying party, its actions or omissions, equipment or other property. This right is conditioned on the indemnified party giving prompt written notice to the indemnifying party (as does not prejudice the defense) of the Claims or Losses and providing cooperation in the defense of the Claims or Losses (without waiver of attorney-client, work-product or other legal privilege, or disclosure of information legally required to be kept confidential).

10. TERMINATION. Subscriber acknowledges that NASDAQ OMX, when required to do so in fulfillment of statutory obligations, may by notice to Distributor unilaterally limit or terminate the right of any or all Persons to receive or use the Information and that Distributor will immediately comply with any such notice and will terminate or limit the furnishing of the Information and confirm such compliance by notice to NASDAQ OMX. Any affected Person will have available to it such procedural protections as are provided by the Act and applicable rules thereunder. In addition to terminations permitted under the Distributor's agreement, this Agreement may be terminated by Subscriber with thirty (30) days written notice to Distributor and by NASDAQ OMX with thirty (30) days written notice either to Distributor or Subscriber. NASDAQ OMX may also alter any term of this Agreement with ninety (90) days written notice either to Distributor or Subscriber, and any use after such date is deemed acceptance of the new terms. In the event of Subscriber breach, discovery of the untruth of any representation of Subscriber, or where directed by the SEC in its regulatory authority, NASDAQ OMX may terminate this Agreement with not less than three (3) days written notice to Subscriber provided either by NASDAQ OMX or Distributor.

11. AMENDMENTS/AGREEMENT. Except as otherwise provided herein, no provision of this Agreement may be amended, modified or waived. No failure on the part of NASDAQ OMX or Subscriber to exercise, no delay in exercising and no course of dealing with respect to any right, power or privilege under this Agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power or privilege preclude any other or further exercise thereof or the exercise of any other right, power or privilege under this Agreement. If any of the provisions of this Agreement or application thereof to any individual, entity or circumstance is held invalid or unenforceable, the remainder of this Agreement, or the application of such terms or provisions to individuals, entities or circumstances other than those as to which they are held invalid or unenforceable, shall not be affected thereby and each such term and provision of this Agreement shall be valid and enforceable to the fullest extent permitted by law. In the event of any conflict between the terms of this Agreement and of the Distributor's agreement, the terms of this Agreement shall prevail as between NASDAQ OMX and Subscriber.

12. DEFINITIONS.

Act shall mean the Securities Exchange Act of 1934, applicable only to Information disseminated from a NASDAQ OMX Market in the United States.

Affiliate shall mean any individual, corporation, company, partnership, limited partnership, limited liability company, trust, association or other entity that, directly or indirectly through one or more intermediaries, controls, is controlled by, or is under common control with such party.

Claims or Losses — Any and all liabilities, obligations, losses, damages, penalties, claims, actions, suits, costs, judgments, settlements and expenses of whatever nature, whether incurred by or issued against an indemnified party or a third party, including, without limitation, (a) indirect, special, punitive, consequential or incidental loss or damage, (including, but not limited to, trading losses, loss of anticipated profits, loss by reason of shutdown in operation or increased expenses of operation or other indirect loss or damage), and (b) administrative costs, investigatory costs, litigation costs and auditors' and attorneys' fees and disbursements (including in-house personnel).

Distributor shall mean Distributor and its Affiliates as identified in writing to NASDAQ OMX. For purposes of this agreement, "Distributor" shall mean "Vendor".

Distributor's Service — The service from a distributor, including the data processing equipment, software and communications facilities related thereto, for receiving, processing, transmitting, using and disseminating the Information to or by Subscriber.

FSA shall mean a Financial Services Authority in Sweden, the United Kingdom, or other jurisdiction other than the United States.

Information shall mean certain market data and other data disseminated that has been collected, validated, processed, and recorded by the System or other sources made available for transmission to and receipt from either a Redistributor or from NASDAQ OMX relating to: a) eligible securities or other financial instruments, markets, products, vehicles, indicators, or devices; b) activities of a NASDAQ OMX Company; c) other information and data from a NASDAQ OMX Company. Information also includes any element of Information as used or processed in such a way that the Information can be identified, recalculated or re-engineered from the processed Information or that the processed Information can be used as a substitute for Information.

NASDAQ OMX shall collectively mean The NASDAQ OMX Group, Inc., a Delaware limited liability company and its subsidiaries and Affiliates (collectively "NASDAQ OMX").

NASDAQ OMX Markets shall mean the regulated securities and options exchange subsidiaries of NASDAQ OMX and other regulated market subsidiaries of NASDAQ OMX, including, but not limited to , The NASDAQ Stock Market ("NASDAQ"), the OMX Nordic Exchange ("OMX"), NASDAQ OMX BX ("BX"), NASDAQ OMX PHLX ("PHLX"), the Philadelphia Board of Trade ("PBOT"), and NASDAQ OMX Europe. The NASDAQ OMX Markets are each a "NASDAQ OMX Market."

NASDAQ OMX Requirements — All (i) rules, regulations, interpretations, decisions, opinions, orders and other requirements of the SEC or an FSA, as may be applicable based upon the NASDAQ OMX Market from which the Information is received ; (ii) the rules and regulations, disciplinary decision and rule interpretations applicable to NASDAQ OMX Markets (iii) the NASDAQ OMX Markets' decisions, policies, interpretations, operating procedures, specifications, requirements, and other documentation that is regulatory or technical in nature (including, but not limited to, user guides) published on the NASDAQTrader website located at www.NASDAQTrader.com or another website accessible by and made known to Distributor; and (iv) all other applicable laws, statutes, rules, regulations, orders, decisions, interpretations, opinions, and other requirements, whether promulgated by the United States, England, Sweden or any other applicable jurisdiction (including in the area of intellectual property); and (v) the successors, as they may exist at the time, of the components of the NASDAQ OMX Requirements.

NASDAQ Trader shall mean the website located at www.NASDAQTrader.com or its successor site(s).

Or — Includes the word "and".

Person — Any natural person, proprietorship, corporation, partnership or other entity whatsoever.

Subscriber — When it appears alone, the word "Subscriber" encompasses all Non-Professional, Private, Professional and Business Subscribers. All subscribers are deemed Professional or Business unless they are qualified as Non-Professional or Private Subscriber.

U.S. Information

Non-Professional Subscriber — Any natural person who is **NOT**:

- (a) registered or qualified in any capacity with the SEC, the Commodities Futures Trading Commission, any state securities agency, any securities exchange or association or any commodities or futures contract market or association;
- (b) engaged as an "investment advisor" as that term is defined in [Section 202\(a\)\(11\) of the Investment Advisors Act of 1940](#) (whether or not registered or qualified under that Act); or
- (c) employed by a bank or other organization exempt from registration under federal or state securities laws to perform functions that would require registration or qualification if such functions were performed for an organization not so exempt.

Professional Subscriber — All other persons who do **not** meet the definition of Non-Professional Subscriber.

Non-U.S. Information

Private Subscriber — A natural person for the purpose of managing the Subscriber's own personal investments and not for any business purpose, nor for the purpose of giving any form of advice to any other person. A Private Use Subscriber may not:

- (a) contract for, receive or use Information for the purpose of Private Use on behalf of any other person or any corporation, partnership, limited liability company, trust, association or other form of entity,
- (b) contract for, receive or use Information for the purpose of Private Use in any Service that is paid for by another person or any corporation, partnership, limited liability company, trust, association or other form of entity.

A Private Use Subscriber shall, notwithstanding the above:

- (c) be permitted to contract for, receive or use Information on behalf of or paid for by another natural person (person B) provided that (1) its for the purpose of managing person B's own personal investments and not for any business purpose, and (2) person B have filed a power of attorney or equivalent documentation accordingly with Licensee,
- (d) be permitted to contract for, receive or use Information for Private Use on behalf of and/or paid for by a legal entity or other form of non-natural Person in which the Private Use Subscriber has full (100%) ownership and exercises full (100%) control,
- (e) Section (c) and (d) may not be combined.

Business Subscriber — All other persons who do **not** meet the definition of Private Subscriber.

"System" shall mean any system NASDAQ OMX has developed for the creation and/or dissemination of Information.

NASDAQ OMX Global Subscriber Agreement

Appendix 1

NASDAQ OMX™

1. INFORMATION. NASDAQ OMX offers Information that has been collected, validated, processed, and recorded by the System or other sources. For data offered from other sources, the governing laws shall apply as identified below.

Legal Entity and Principal Place of Business	Entity Type	Funds	Governing Laws
The Nasdaq OMX Group, Inc. One Liberty Plaza 165 Broadway, New York, New York 10006	Delaware Corporation	US Dollars	This Agreement shall be construed and enforced in accordance with, and the validity and performance hereof shall be governed by, the laws of the State of New York, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts in and of the state of New York in connection with any action or proceeding instituted relating to this Agreement.
Nasdaq OMX Information LLC One Liberty Plaza 165 Broadway, New York, New York 10006	Delaware Corporation	US Dollars	This Agreement shall be construed and enforced in accordance with, and the validity and performance hereof shall be governed by, the laws of the State of New York, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts in and of the state of New York in connection with any action or proceeding instituted relating to this Agreement.
OMX Nordic Exchange Oy Fabianinkatu 14, FI-00131 Helsinki	Finnish company	Euros	This Agreement shall be governed by and construed in accordance with the laws of Sweden. Any dispute that cannot be amicably settled that arises out of this Agreement shall be referred to arbitration and shall be conducted in accordance with the rules for expedited arbitrations of the Arbitration Institute of the Stockholm Chamber of Commerce. All such proceedings shall be held in Stockholm, and shall be conducted in the English language, which shall also be the language of the documents.
NASDAQ OMX BX One Liberty Plaza 165 Broadway, New York, New York 10006	Delaware Corporation	US Dollars	This Agreement shall be construed and enforced in accordance with, and the validity and performance hereof shall be governed by, the laws of the State of New York, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts in and of the state of New York in connection with any action or proceeding instituted relating to this Agreement.
NASDAQ OMX PHLX One Liberty Plaza 165 Broadway, New York, New York 10006	Delaware Corporation	US Dollars	This Agreement shall be construed and enforced in accordance with, and the validity and performance hereof shall be governed by, the laws of the State of New York, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts in and of the state of New York in connection with any action or proceeding instituted relating to this Agreement.

Legal Entity and Principal Place of Business	Entity Type	Funds	Governing Laws
NASDAQ OMX Europe London, England	British Company	British Pounds	This Agreement shall construed and enforced in accordance with, and the validity and performance hereof shall be governed by English law, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts of England and Wales in connection with any action or proceeding instituted relating to this Agreement.
Portal Alliance One Liberty Plaza 165 Broadway, New York, New York 10006	Delaware Corporation	US Dollars	This Agreement shall be construed and enforced in accordance with, and the validity and performance hereof shall be governed by, the laws of the State of New York, without reference to principles of conflicts of laws thereof. Distributor hereby consents to submit to the jurisdiction of the courts in and of the state of New York in connection with any action or proceeding instituted relating to this Agreement.

2. REQUIREMENTS OF SELF-REGULATORY ORGANIZATION; ACTIONS TO BE TAKEN IN FULFILLMENT OF STATUTORY OBLIGATIONS.

(a) Distributor acknowledges that in the United States: (i) several of the NASDAQ OMX Markets are registered with the SEC as national securities exchanges pursuant to Section 6 of the Act, and FINRA is registered with the SEC as a national securities association pursuant to 15A of the Act; (ii) FINRA and NASDAQ OMX have a statutory obligation to protect investors and the public interest, and to ensure that quotation information supplied to investors and the public is fair and informative, and not discriminatory, fictitious or misleading; (iii) Section 19(g)(1) of the Act mandates that FINRA and NASDAQ OMX comply with the NASDAQ OMX Requirements; (iv) NASDAQ OMX has jurisdiction to enforce compliance with certain of the NASDAQ OMX Requirements; (v) FINRA has jurisdiction to enforce compliance with certain of the NASDAQ OMX Requirements; and (vi) NASDAQ OMX is obligated to offer terms that are not unreasonably discriminatory between Distributors, subject to applicable NASDAQ OMX Requirements. Accordingly, Distributor agrees that NASDAQ OMX, when required to do so in fulfillment of its statutory obligations, may, temporarily or permanently, unilaterally condition, modify or terminate the right of any or all individuals or entities to receive or use the Information. NASDAQ OMX shall undertake reasonable efforts to notify Distributor of any such condition, modification or termination, and Distributor shall promptly comply with any such notice within such period of time as may be determined in good faith by NASDAQ OMX to be necessary, consistent with its statutory obligations. Any Person that receives such a notice shall have available to it such procedural protections as are provided to it by the Act and the applicable rules thereunder.

(b) Distributor acknowledges that, in Europe, NASDAQ OMX is obligated to offer terms that are not unreasonably discriminatory between Distributors, subject to applicable NASDAQ OMX Requirements. NASDAQ OMX when required to do so in fulfillment of the its statutory obligations, may, temporarily or permanently, unilaterally condition, modify or terminate the right of any and all individuals or entities to receive or use the Information. NASDAQ OMX shall notify the Distributor of any such condition, modification or termination, and the Distributor shall promptly comply with any such notice within such period of time as may be determined in good faith by NASDAQ OMX to be necessary, consistent with its statutory obligations. If the Distributor receives such notice, it will have available to it all procedural protections provided to it by statute and any applicable regulatory rules.

(c) If Distributor is a member of a NASDAQ OMX Market, then Distributor expressly acknowledges and agrees that (i) this Agreement does not limit or reduce in any way Distributor's obligations and responsibilities as a member of any applicable NASDAQ OMX Market; (ii) this Agreement does not in any way alter the procedures or standards generally applicable to disciplinary or other actions taken by NASDAQ OMX to enforce compliance with, or impose sanctions for violations of, the NASDAQ OMX Requirements; and (iii) the nonpayment of amounts due under this Agreement could result in the suspension or cancellation of Distributor's membership in a NASDAQ OMX Market in accordance with the NASDAQ OMX Requirements.

Non-Professional Subscriber Questionnaire

NASDAQ OMX

All non-professional subscribers of a Distributor or Client Organization must submit this form to NASDAQ OMX to qualify for Non-Professional rates.

The online version of this form can be found at: www.nasdaqtrader.com/nonpro

Section 1: Contact Information

Name: _____	
Primary:	Address:
Telephone: _____	Street: _____
Email: _____	Street: _____
	City: _____ State: _____ Zip: _____

Section 2: Software/Data Provider Information

Please list all of the Data Providers from which you receive Market Data.

	Software/Data Provider (Required)	Account #/User I.D. (Optional)	Trader I.D. (If Applicable)
#1			
#2			
#3			

Section 3: Non-Professional Questions

Questions	Yes	No
1. Are you a Subcontractor or Independent Contractor of the firm listed above?	<input type="checkbox"/>	<input type="checkbox"/>
2. Are you trading using the firm's capital?	<input type="checkbox"/>	<input type="checkbox"/>
3. Are you trading using comingled funds with the firm listed above?	<input type="checkbox"/>	<input type="checkbox"/>
4. Are you a Securities Professional? Are you.... <ul style="list-style-type: none">Registered with any state, federal or international securities agency or self-regulatory body?Engaged as an Investment Advisor?Employed by an organization that is exempt from U.S. securities laws that would otherwise require registration?	<input type="checkbox"/>	<input type="checkbox"/>
5. Are you using NASDAQ OMX data for a business, professional or other commercial purpose not compatible with Non-Professional Status?	<input type="checkbox"/>	<input type="checkbox"/>
6. Are you accessing NASDAQ OMX data via a Trading Authorization form or similar document?	<input type="checkbox"/>	<input type="checkbox"/>
7. Are you trading on behalf of the broker/dealer above, or any other proprietary trading group?	<input type="checkbox"/>	<input type="checkbox"/>
8. Is your trading activity related to a corporation, partnership, or similar organization whereby their primary purpose is trade for the benefit of the organization?	<input type="checkbox"/>	<input type="checkbox"/>
9. Do you rent a seat which allows personal trading, i.e. non comingled funds? If yes, please provide the following: Clearing Firm: _____ Clearing Acct#: _____	<input type="checkbox"/>	<input type="checkbox"/>

Name: _____ Date: _____

Signature: _____

Please send completed form to dataops@nasdaqomx.com.

**AGREEMENT FOR
MARKET DATA DISPLAY SERVICES**

(Usage-Based Services/Nonprofessional Subscriber Status)

(Printed Version)

_____[NAME OF VENDOR/BROKER DEALER] ("Vendor") agrees to make "Market Data" available to you pursuant to the terms and conditions set forth in this agreement. By executing this Agreement in the space indicated below, you ("Subscriber") agree to comply with those terms and conditions. Section 1 sets forth terms and conditions of general applicability. Section 2 applies insofar as Subscriber receives and uses Market Data made available pursuant to this Agreement as a Nonprofessional Subscriber.

SECTION 1: TERMS AND CONDITIONS OF GENERAL APPLICABILITY

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 admitted to dealings on the New York Stock Exchange ("NYSE"), (b) such bond and other equity last sale and quotation information, and such index and other market information, as United States-registered national securities exchanges and national securities associations (each, an "Authorizing SRO") may make available and as the NYSE may from time to time designate as "Market Data"; and (c) all information that derives from any such information.

2. PROPRIETARY NATURE OF DATA – Subscriber understands and acknowledges that each Authorizing SRO and Other Data Disseminator has a proprietary interest in the Market Data that originates on or derives from it or its market(s).

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, by legal proceedings or otherwise, against Subscriber or any person that obtains Market Data that is made available pursuant to this Agreement other than as this Agreement contemplates. Subscriber shall pay the reasonable attorney's fees that any Authorizing SRO incurs in enforcing this Agreement against Subscriber.

4. DATA NOT GUARANTEED – Subscriber understands that no Authorizing SRO, no other entity whose information is made available over the Authorizing SROs' facilities (an "Other Data Disseminator") and no information processor that assists any Authorizing SRO or Other Data Disseminator in making Market Data available (collectively, the "Disseminating

Parties") guarantees the timeliness, sequence, accuracy or completeness of Market Data or of other market information or messages disseminated by any Disseminating Party. Neither Subscriber nor any other person shall hold any Disseminating Party liable in any way for (a) any inaccuracy, error or delay in, or omission of, (i) any such data, information or message or (ii) the transmission or delivery of any such data, information or message, or (b) any loss or damage arising from or occasioned by (i) any such inaccuracy, error, delay or omission, (ii) non-performance or (iii) interruption in any such data, information or message, due either to any negligent act or omission by any Disseminating Party, to any "force majeure" (e.g., flood, extraordinary weather conditions, earthquake or other act of God, fire, war, insurrection, riot, labor dispute, accident, action of government, communications or power failure, equipment or software malfunction) or to any other cause beyond the reasonable control of any Disseminating Party.

5. PERMITTED USE – Subscriber shall not furnish Market Data to any other person or entity. If Subscriber receives Market Data other than as a Nonprofessional Subscriber, it shall use Market Data only for its individual use in its business.

6. DISSEMINATION DISCONTINUANCE OR MODIFICATION – Subscriber understands and acknowledges that, at any time, the Authorizing SROs may discontinue disseminating any category of Market Data, may change or eliminate any transmission method and may change transmission speeds or other signal characteristics. The Authorizing SROs shall not be liable for any resulting liability, loss or damages that may arise therefrom.

7. DURATION; SURVIVAL – This Agreement remains in effect for so long as Subscriber has the ability to receive Market Data as contemplated by this Agreement. In addition, Vendor may terminate this Agreement at any time, whether at the direction of the Authorizing SROs or otherwise. Paragraphs 2, 3 and 4, and the first two sentences of Paragraph 8, survive any termination of this Agreement.

8. MISCELLANEOUS – The laws of the State of New York shall govern this Agreement and it shall be interpreted in accordance with those laws. This Agreement is subject to the Securities Exchange Act of 1934, the rules promulgated under that act, and the joint-industry plans entered into pursuant to that act. This writing contains the entire agreement between the parties in respect of its subject matter. Subscriber may not assign all or any part of this Agreement to any other person. The person executing this Agreement below represents and warrants that he or she has legal capacity to contract and, if that person is executing this Agreement on behalf of a proprietorship or a business, partnership or other organization, represents and warrants that he or she has actual authority to bind the organization.

SECTION 2: NONPROFESSIONAL SUBSCRIBER

9. NONPROFESSIONAL SUBSCRIBER DEFINITION -"Nonprofessional Subscriber" means any natural person who receives market data solely for his/her personal, non-business use and who is not a "Securities Professional." A "Securities Professional" includes an individual who, if working in the United States, is:

- (a) registered or qualified with the Securities and Exchange Commission (the "SEC"), the Commodities Futures Trading Commission, any state securities agency, any securities exchange or association, or any commodities or futures contract market or association.
- (b) engaged as an "investment advisor" as that term is defined in Section 202 (a) (11) of the Investment Advisor's Act of 1940 (whether or not registered or qualified under that Act), or
- (c) employed by a bank or other organization exempt from registration under Federal and/or state securities laws to perform functions that would require him or her to be so registered or qualified if he or she were to perform such functions for an organization not so exempt.

A person who works outside of the United States will be considered a "Securities Professional" if he or she performs the same functions as someone who would be considered a "Securities Professional" in the United States.

Subscriber may not receive Market Data as a "Nonprofessional Subscriber" unless the vendor providing that data to Subscriber first determines that the individual falls within Paragraph 9's definition of "Nonprofessional Subscriber."

10. PERMITTED RECEIPT - Subscriber may not receive Market Data from Vendor, and Vendor may not provide Market Data to Subscriber, on a "Nonprofessional Subscriber" basis unless Vendor first properly determines that Subscriber qualifies as a "Nonprofessional Subscriber" as defined in Paragraph 9 and Subscriber in fact qualifies as a "Nonprofessional Subscriber."

11. PERMITTED USE – If Subscriber is a Nonprofessional Subscriber, he or she shall receive Market Data solely for his or her personal, non-business use.

12. PERSONAL AND EMPLOYMENT DATA – As a prerequisite to qualifying as a "Nonprofessional Subscriber", Subscriber shall provide the following information:

Subscriber's name and address:

--

Subscriber's occupations (list all occupations – including homemaker, student, retiree, etc.):

Name(s) and address(es) of Subscriber's employer(s):

Subscriber's title(s) and/or position(s):

Subscriber's employment functions (description):

In order to facilitate a decision as to whether Subscriber qualifies as a "Nonprofessional Subscriber," Subscriber shall answer the following questions:

- A. Do you use Market Data solely for your personal, non-business use?
☐ Yes ☐ No
- B. Do you receive Market Data for your business or any other entity?
☐ Yes ☐ No
- C. Are you currently registered or qualified with the SEC or the CFTC?
☐ Yes ☐ No
- D. Are you currently registered or qualified with any securities agency, any securities exchange, association or regulatory body, or any commodities or futures contract market, association or regulatory body, in the United States or elsewhere?
☐ Yes ☐ No
- E. Whether you are located within or outside of the United States, do you perform any functions that are similar to those that require an individual to register or qualify with the SEC, the CFTC, any other securities agency or regulatory body, any securities exchange or association, or any commodities or futures contract market, association or regulatory body?
☐ Yes ☐ No
- F. Are you engaged to provide investment advice to any individual or entity?
☐ Yes ☐ No
- G. Are you engaged as an asset manager?

☐ Yes ☐ No

H. Do you use the capital of any other individual or entity in the conduct of your trading?

☐ Yes ☐ No

I. Do you conduct trading for the benefit of a corporation, partnership, or other entity?

☐ Yes ☐ No

J. Have you entered into any agreement to share the profit of your trading activities or receive compensation for your trading activities?

☐ Yes ☐ No

K. Are you receiving office space, and equipment or other benefits in exchange for your trading or work as a financial consultant to any person, firm or business entity?

☐ Yes ☐ No

Subscriber shall notify Vendor promptly in writing of any change in his or her circumstances that may cause him or her to cease to qualify as a Nonprofessional Subscriber or that may change his or her response to any of the preceding questions.

13. CERTIFICATION – By executing this Agreement, Subscriber hereby certifies that he or she falls within Paragraph 9's definition of "Nonprofessional Subscriber" and that the personal and employment information that he or she has included in Paragraph 12 is truthful and accurate.

* * *

ACCEPTED AND AGREED: I, the "Subscriber" to which the preceding terms and conditions refer, acknowledge that I have read the preceding terms and conditions, that I understand them and that I hereby agree to comply with those terms and conditions.

IN WITNESS WHEREOF, the parties have caused this Agreement to be executed as of _____, 20__.

SUBSCRIBER

VENDOR

(Name of Subscriber)

(Name of Vendor)

By: _____

By: _____

Name:

Name:

Title:

Title:

Date:

Date:

ATTACHMENT B-2
OPTIONS PRICE REPORTING AUTHORITY
HARDCOPY FORM OF
SUBSCRIBER AGREEMENT

This Subscriber Agreement (this “Agreement”) is an agreement between the undersigned (“Subscriber” or “you”) and _____ **[insert Vendor name and address]** (“Vendor”).

The purpose of this Agreement is to establish the terms and conditions upon which you may receive from Vendor a market data service (the “Service”) providing access to information published by the Options Price Reporting Authority, LLC (“OPRA”). The information published by OPRA consists of current options last sale and quotation information and related information (“OPRA Data”). The OPRA Data is published by OPRA pursuant to a Plan declared effective by the Securities and Exchange Commission. The parties to this Plan (each, an “OPRA Participant”) are those national securities exchanges that are from time to time approved by the Securities and Exchange Commission for the trading of securities options. In reviewing and approving this Agreement, Vendor is authorized to act on behalf of OPRA. The person who acts from time to time as data processor on behalf of OPRA is referred to in this Agreement as “OPRA’s Processor.”

This Agreement includes an “Addendum for Nonprofessionals.” The term “Nonprofessional” is defined in the Addendum. The purpose of the Addendum is to determine whether you are a Nonprofessional under this definition. If you are a Nonprofessional under this definition, OPRA’s charges to Vendor for your use of the OPRA Data are subject to a cap, and you may be entitled to pay lower fees to Vendor. You do not need to complete the Addendum, but if you do not do so, or if you cannot agree with all of the statements in the Addendum, OPRA will not consider you to be a Nonprofessional.

You hereby represent and agree as follows:

1. Your full name and address: (please type)
2. You shall receive the Service and the OPRA Data included therein solely for your own business or personal use, and you shall not retransmit or otherwise furnish the OPRA Data to any person other than your own employees on devices that are subject to the control of Vendor. If you are a Nonprofessional in accordance with the Addendum for Nonprofessionals, you are only permitted under this Agreement to use the OPRA Data for the investment activities described in the Addendum for Nonprofessionals.
3. You acknowledge that OPRA Data is and shall remain the property of the OPRA Participant on which a reported transaction took place or a reported quotation was entered.
4. **DISCLAIMER OF LIABILITY -- NEITHER VENDOR, OPRA, OPRA’S PROCESSOR NOR ANY OPRA PARTICIPANT GUARANTEES THE TIMELINESS, SEQUENCE, ACCURACY OR COMPLETENESS OF ANY OF THE OPRA DATA SUPPLIED TO YOU HEREUNDER AND NEITHER VENDOR, OPRA, OPRA’S PROCESSOR NOR**

ANY OPRA PARTICIPANT SHALL BE LIABLE IN ANY WAY, TO YOU OR TO ANY OTHER PERSON, FOR ANY LOSS, DAMAGES, COST OR EXPENSE WHICH MAY ARISE FROM ANY FAILURE OF PERFORMANCE BY VENDOR, OPRA, OPRA'S PROCESSOR OR ANY OPRA PARTICIPANT, OR FROM ANY DELAYS, INACCURACIES, ERRORS IN OR OMISSIONS OF, ANY OF THE OPRA DATA OR IN THE TRANSMISSION OR DELIVERY THEREOF, WHETHER OR NOT DUE TO ANY NEGLIGENT ACT OR OMISSION ON THE PART OF VENDOR, OPRA, OPRA'S PROCESSOR OR ANY OPRA PARTICIPANT. IN NO EVENT SHALL VENDOR, OPRA, OPRA'S PROCESSOR OR ANY PARTICIPANT BE LIABLE FOR ANY INCIDENTAL, SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO LOST PROFITS, TRADING LOSSES, OR DAMAGES RESULTING FROM INCONVENIENCE OR LOSS OF USE OF THE SERVICE.

5. Your receipt of the OPRA Data hereunder may be terminated at any time by you or by Vendor upon 30 days notice from the terminating party to the other party, and may be terminated immediately upon a determination by Vendor or OPRA that you are not in compliance with this Agreement.
6. Nothing herein shall be deemed to prevent or restrict OPRA, OPRA's Processor or any OPRA Participant from discontinuing to furnish OPRA Data for dissemination or from making such changes in the speed of transmission, the characteristics of the electrical signals representing the OPRA Data or the manner of disseminating the same, as OPRA shall from time to time determine to be appropriate, with or without notice to you. You shall not hold OPRA, OPRA's Processor, or any OPRA Participant liable for any resulting liability, loss or damage that may arise therefrom.
7. You agree to notify Vendor promptly of any changes in the information provided herein and to furnish Vendor any additional information requested by it in connection with your receipt of the OPRA Data.
8. The parties acknowledge and agree that this Agreement is for the express benefit of OPRA, OPRA's Processor and each OPRA Participant.
9. The provisions of Sections 3, 4 and 8 survive any termination of this Agreement and remain in full force and effect.
10. All notices to Vendor under this Agreement shall be sent to the Vendor's street address set forth above and all notices to you under this Agreement shall be sent to the street address that you provide in paragraph 1.

Dated: _____, _____

(Subscriber's Name)

By:

(Signature of or on behalf of Subscriber)

ADDENDUM FOR NONPROFESSIONALS

(To be completed by Nonprofessional Subscribers only)

The purpose of this Addendum is to determine whether you are a “Nonprofessional” for OPRA’s purposes. OPRA defines a “Nonprofessional” as a legal person for whom the statements set out in Section 1 of this Addendum are true.

1. You represent and agree that the following statements are and will continue to be true for so long as you receive OPRA Data as a Nonprofessional:

(a) You are either a “natural person” (an individual human being) or a “qualifying trust.”* You are not a corporation, partnership, limited liability company, or other form of entity (including any form of trust that does not qualify as a qualifying trust).

(b) If you are a natural person, you shall use the OPRA Data solely in connection with your personal investment activities and the personal investment activities of your immediate family members** and qualifying trusts of which you are the trustee or custodian. If you are a qualifying trust, you shall use the OPRA Data solely in connection with your personal investment activities. In any case, you shall not use the OPRA Data in connection with any trade, business, professional or other commercial activities.

(c) You are not a “Professional.” For a natural person who works in the United States, a “Professional” is a natural person who is: (i) registered or qualified with the Securities and Exchange Commission, the Commodities Futures Trading Commission, any state securities agency, any securities exchange/association, or any commodities/futures contract market/association, (ii) engaged as an “investment adviser,” as that term is defined in the Investment Advisers Act of 1940 (whether or not registered or qualified under that Act); or (iii) employed by a bank or other organization exempt from registration under Federal and/or state securities laws to perform functions that would require you to be so registered or qualified if you were to perform such functions for an organization not so exempt. For a natural person who works outside of the United States, a “Professional” is a natural person who performs the same functions as someone who would be considered a “Professional” in the United States.

2. You agree to notify Vendor promptly if your circumstances change such that any of the statements in Section 1 of this Addendum would no longer be true for you.

(Subscriber’s Signature)

(Type or print Subscriber’s Name)

*The term “qualifying trust” means (a) any irrevocable or revocable trust (1) which has only one trustee, who is a natural person and is not receiving any compensation for acting as trustee and (2) of which the only current beneficiaries are any one or more of the trustee and the immediate family members of the trustee, and (b) any custodial account established under a Uniform Transfers to Minors Act or similar state statute (1) which has only one custodian, who is a natural person and is not receiving any compensation for acting as custodian, and (2) of which the beneficiary is a lineal descendant (a child, grandchild, *etc.*) of the custodian. A “current beneficiary” is a beneficiary to whom the current income or principal of the trust may or must then be distributed, ignoring the possible exercise of any then unexercised power of appointment. The term “immediate family members” is defined in the footnote to paragraph 1(b) of this Addendum.

**The term “immediate family members” means, with reference to a particular natural person, the spouse of that person, that person’s lineal ancestors (that is, parents, grandparents, *etc.*) and lineal descendants (that is, children, grandchildren, *etc.*), and the spouses (including surviving spouses) of that person’s lineal ancestors and lineal descendants. The term includes step and adoptive relationships.

12/2014

Bats Global Markets, Inc. Subscriber Agreement

Vendor may not modify or waive any term of this Agreement. Any attempt to modify this Agreement, except by Bats Global Markets, Inc. or its affiliates (collectively, "Bats"), is void.

This Bats Global Markets, Inc. Subscriber Agreement (this "Agreement"), with an effective date as of the last date executed on the signature page hereof, is made by and between the vendor referenced below ("Vendor") and the subscriber referenced below ("Subscriber").

1. Definitions. Capitalized terms used herein shall have the meanings set forth in this Section 1.

"Claims or Losses" shall mean any and all liabilities, obligations, losses, damages, penalties, claims, actions, suits, costs, judgments, settlements and expenses of any nature, whether incurred by or issued against an indemnified party or a third-party, including, without limitation, (a) indirect, special, punitive, consequential or incidental loss or damage, and (b) administrative costs, investigatory costs, litigation costs and auditors' and attorneys' fees and expenses (including in-house personnel).

"Exchange Data" shall mean certain data and other information relating to securities or other financial instruments, products, vehicles or devices; or relating to Persons regulated by Bats or to activities of Bats; or gathered by Bats from other sources.

"Non-Professional Subscriber" shall mean any natural person who is not: (a) registered or qualified in any capacity with the SEC, the Commodities Futures Trading Commission, any state securities agency, any securities exchange or association, or any commodities or futures contract market or association; (b) engaged as an "investment advisor" as that term is defined in Section 202(a)(11) of the Investment Advisors Act of 1940 (whether or not registered or qualified under that Act); or (c) employed by a bank or other organization exempt from registration under federal or state securities laws to perform functions that would require registration or qualification if such functions were performed for an organization not so exempt.

"Person" shall mean any individual, corporation, limited liability company, trust, joint venture, association, company, limited or general partnership, unincorporated organization, or other entity.

"Professional Subscriber" shall mean all other Persons who do not meet the definition of Non-Professional Subscriber.

"SEC" shall mean the U.S. Securities and Exchange Commission.

"Subscriber" shall mean, collectively, all Non-Professional Subscribers and Professional Subscribers.

"Vendor" shall mean "Data Recipient," as that term is defined in the Bats Global Markets, Inc. Data Agreement, as may be modified from time to time.

"Vendor's Service" shall mean the service from a Vendor, including the data processing equipment, software, and communications facilities related thereto, for receiving, processing, transmitting, using, and disseminating Exchange Data to or by Subscriber.

2. Use of Data. Subscriber may not sell, lease, furnish or otherwise permit or provide access to Exchange Data to any other Person or to any other office or place. Subscriber will not engage in the operation of any illegal business use or permit anyone else to use Exchange Data, or any part thereof, for any illegal purpose or violation of any Bats or SEC rule or regulation. Subscriber may not present Exchange Data rendered in any unfair, misleading, or discriminatory format. Subscriber shall take reasonable security precautions to prevent unauthorized Persons from gaining access to Exchange Data.

Use by Non-Professional Subscribers. Exchange Data is licensed only for personal use by a Non-Professional Subscriber. By representing to Vendor that Subscriber is a Non-Professional Subscriber, or by continuing to receive Exchange Data at a Non-Professional Subscriber rate, Subscriber is affirming to Vendor and Bats that Subscriber meets the definition of Non-Professional Subscriber as set forth herein. A Non-Professional Subscriber shall comply promptly with

any reasonable request from Bats, or its designee, for information regarding the Non-Professional Subscriber's receipt, processing, display, use, and redistribution of Exchange Data.

Use by Professional Subscribers. Exchange Data is licensed for internal business use and/or personal use by a Professional Subscriber. Professional Subscriber may, on a non-continuous basis, furnish limited amounts of Exchange Data to customers in written advertisements, correspondence, or other literature during voice telephonic conversations not entailing computerized voice, automated information inquiry systems, or similar technologies. Professional Subscriber shall make its premises available to Bats, or its designee, for physical inspection of Vendor's Service and of Professional Subscriber's use of Exchange Data (including review of any records regarding use of or access to Exchange Data and the number and locations of all devices that receive Exchange Data), all at reasonable times and upon reasonable notice, to ensure compliance with this Agreement.

3. Proprietary Data. Bats grants to Subscriber a non-exclusive, non-transferable license during the term of the Agreement to receive Exchange Data distributed to it by Vendor and, thereafter, to use such Exchange Data as permitted under the terms of this Agreement and all applicable laws, statutes, rules, and regulations of Bats and the SEC, including but not limited to, Bats' rule filings, Bats' decisions and interpretations and any specifications or successors of such laws, statutes, rules, and regulations. Subscriber acknowledges and agrees that Bats and its affiliates have proprietary rights to Exchange Data that originates on or is derived from markets regulated or operated by Bats and compilation or other rights to Exchange Data gathered from other sources. Subscriber further acknowledges and agrees that Bats' third-party information providers have exclusive proprietary rights to their respective information. In the event of any misappropriation or misuse by Subscriber or anyone who accesses Exchange Data through Subscriber, Bats or its third-party information providers shall have the right to obtain injunctive relief for its respective materials. Subscriber shall attribute the source of Exchange Data as appropriate under all circumstances.

4. Payment. Subscriber shall assume full and complete responsibility for the payment of any taxes, charges, or assessments imposed on Subscriber or Bats (except for U.S. federal, state, or local incomes taxes, if any, imposed on Bats) by any foreign or domestic national, state, provincial, or local governmental bodies, or subdivisions thereof, and any penalties or interest relating to the provision of Exchange Data to Subscriber. Interest shall be due from the date of the invoice to the time that the amounts that are due have been paid. To the extent permitted by applicable law, Subscriber acknowledges and agrees that the termination of Vendor's Services for failure to make payments shall not be considered an improper limitation of access by Bats. For Professional Subscribers, if any payment is due directly to Bats under this Agreement, payment in full is due Bats in immediately available funds within 30 days of the date of an invoice, whether or not use is made of, or access it made to, Exchange Data. Subscriber agrees to pay Bats a late charge in the amount of 1% per month on all past due amounts that are not the subject of a legitimate and bona fide dispute.

5. System. Subscriber acknowledges that Bats, in its sole discretion, may from time to time make modifications to its system or Exchange Data. Such modifications may require corresponding changes to be made to Vendor's Service. Changes or the failure to make timely changes by Vendor may sever, delay, or otherwise affect Subscriber's access to or use of Exchange Data. Bats shall not be responsible for any such effects. Bats does not endorse or approve any Vendor, Vendor's Service or equipment utilized by Vendor or Subscriber.

6. Limitation of Liability.

Bats, its officers, directors, shareholders, employees, agents and consultants shall not be liable to Subscriber or to any other Person for any inaccurate or incomplete Exchange Data received from Bats or from Vendor, any delays, interruptions, errors, or omissions in the furnishing thereof, or any direct, indirect or consequential damages arising from or occasioned by said inaccuracies, delays, interruptions, errors or omissions.

This Section shall not relieve Bats, Vendor, Subscriber, or any other Person from liability for damages that result from their own gross negligence or willful tortious misconduct or from personal injury or wrongful death claims.

Bats, Vendor, and Subscriber understand and agree that the terms of this Section reflect a reasonable allocation of risk and limitation of liability.

7. Disclaimer of Warranties. SUBSCRIBER EXPRESSLY ACKNOWLEDGES THAT BATS AND ITS THIRD-PARTY INFORMATION PROVIDERS DO NOT MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR ANY WARRANTIES OF MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE.

8. Third-Party Information Providers' Limitation of Liability. Bats' third-party information providers shall have no liability for any damages, whether direct or indirect, whether lost profits, indirect, special, or consequential damages of Subscriber or any other Person seeking relief through Subscriber relating to the accuracy of or delays or omissions in any Exchange Data provided by Bats' third-party information providers, even if the third-party information providers have been advised of the possibility of such damages. In no event will the liability of the third-party information providers or their affiliates to Subscriber or any other Person seeking relief through Subscriber pursuant to any cause of action, whether in contract, tort, or otherwise, exceed the fee paid by Subscriber or any other Person seeking relief through Subscriber, as applicable.

9. Claims and Losses. Subscriber agrees to indemnify and hold harmless Bats, its owners, subsidiaries, affiliates, officers, directors, employees, agents, and any related Persons from any and all Claims or Losses imposed on, incurred by, or asserted as a result of or relating to: (a) any noncompliance by Subscriber with the terms and conditions hereof; and (b) any third-party actions related to Subscriber's receipt and use of Exchange Data, whether authorized or unauthorized under this Agreement. Each party agrees to indemnify and hold harmless (and in every case, Bats shall be permitted to solely defend and settle) another party (including Bats) and their owners, subsidiaries, affiliates, officers, directors, employees, agents, and any related Persons, against any Claims or Losses arising from, involving, or relating to a claim of infringement or other violation of an intellectual property right by the indemnifying party provided that: (a) the indemnified party promptly notifies the indemnifying party in writing of the Claims or Losses; and (b) the indemnified party reasonably cooperates in the defense of the Claims or Losses.

10. Termination. Subscriber acknowledges that Bats, when required to do so in fulfillment of statutory obligations or otherwise, may by notice to Vendor unilaterally limit or terminate the right of any or all Persons to receive or use Exchange Data, or any part thereof, and that Vendor shall immediately comply with any such notice and terminate or limit the furnishing of Exchange Data and confirm such compliance by written notice to Bats. Any affected Person will have available to it such procedural protections as are provided by the Securities Exchange Act of 1934 (the "Act") and applicable rules and regulations thereunder. In addition to the termination rights permitted under any agreement Subscriber may have with Vendor, this Agreement may be terminated by Subscriber upon 30 days' written notice to Vendor and by Bats upon 30 days' written notice either to Vendor or Subscriber. In the event of Subscriber's breach, the discovery of the untruth of any representation or warranty of Subscriber, or where directed by the SEC in its regulatory authority, Bats may terminate this Agreement upon not less than 3 days' written notice to Subscriber provided either by Bats or Vendor.

11. Notices. All communications required to be given in writing to Bats under this Agreement shall be directed to:

Bats Global Markets, Inc.
8050 Marshall Drive, Suite 120
Lenexa, KS 66214
Attn: Legal Department

Direct communication to Subscriber at the last address known to Vendor shall be considered given (a) upon actual receipt if delivered by email, or (b) upon posting the notice or other communication on www.bats.com or a successor site. Subscriber promptly shall give written notice to Vendor of any change in the name or place of residence or business at which Exchange Data is received.

12. Assignment. This Agreement shall inure to the benefit of and shall be binding upon the parties hereto and their respective permitted successors and assigns. Neither Vendor nor Subscriber shall assign this Agreement (including by operation of law) without the prior written consent of Bats, provided, however, that Bats shall not unreasonably withhold such consent. Notwithstanding the foregoing, Vendor or Subscriber may assign this Agreement to an affiliate or subsidiary without the prior written consent of Bats, provided that the assigning party is not currently in breach of this Agreement or delinquent in any fees owed to Bats. Bats may, as permitted by the Act, assign or transfer this Agreement or any of its rights or obligations hereunder to a related or unrelated party upon notice to Vendor and Subscriber.

13. Severability. Each provision of this Agreement will be deemed to be effective and valid under applicable law, but if any provision of this Agreement is determined to be invalid, void, or unenforceable under any law, rule, administrative order or judicial decision, that determination will not affect the validity of the remaining provisions of this Agreement.

14. Entire Agreement; Amendment; Waiver. This Agreement constitutes the complete and entire agreement of the parties to this Agreement with respect to its subject matter and supersedes all prior writings or understandings. If there is any conflict and/or inconsistency between this Agreement and Vendor's agreement with Subscriber, the terms of this Agreement shall prevail as between Bats and Subscriber. Bats may modify any term of this Agreement

upon 60 days' written notice either to Vendor or Subscriber, and any use of Exchange Data after such date shall be deemed acceptance of the new term or condition. No failure on the part of Bats or Subscriber to exercise, no delay in exercising, and no course of dealing with respect to any right, power, or privilege under the Agreement shall operate as a waiver thereof, nor shall any single or partial exercise of any such right, power, or privilege preclude any other or further exercise thereof or the exercise of any other right, power, or privilege under this Agreement.

15. Governing Law; Venue. This Agreement will be governed by and interpreted in accordance with the internal laws of the State of New York, USA. Subscriber hereby submits to the jurisdiction of the state and federal courts in and for the State of New York, USA for the resolution of any dispute arising under this Agreement.

16. Headings. Section headings are included for convenience only and are not to be used to construe or interpret this Agreement. All references contained herein to sections or subsections shall refer to the sections or subsections of this Agreement, unless specific reference is made to the sections or subsections of another document.

17. Third-Party Beneficiary. Vendor and Subscriber hereby designate Bats as a third-party beneficiary of this Agreement, having the right to enforce any provision herein.

18. Cumulative Remedies. Except as otherwise limited herein, all rights and remedies provided in this Agreement are cumulative and not exclusive, and the exercise by either party of any right or remedy does not preclude the exercise of any other rights or remedies that may now or subsequently be available at law, equity, by statute, in any other agreement between the parties (including without limitation the Additional Agreements) or otherwise.

19. Counterparts. This Agreement may be executed in one or more counterparts, which shall each be considered an original but all of which shall constitute one and the same Agreement.

[Remainder of page intentionally left blank. Signature page follows.]

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed by their duly authorized officers.

To execute this Agreement, you must be 18 years of age and you must designate yourself as either a Non-Professional Subscriber or Professional Subscriber (see Section 2 above).

Subscriber Type: ☐ Individual – Complete Section A.
 ☐ Firm or Organization – Complete Section B.

A. Individual Subscriber Information

Subscriber Name: _____

Signature: _____

Date: _____

Subscriber Status: ☐ **Professional** ☐ **Non-Professional***

**To qualify as a Non-Professional Subscriber, you must meet all of the terms set forth in Section 2 of the Agreement.*

B. Organizational Subscriber Information

Subscriber Organization Name: _____

Representative Name: _____

Title: _____

Signature: _____

Date: _____

**The Representative must be authorized in writing by the organization or firm to execute the Agreement. Bats may request documentation evidencing this authority.*

Vendor Information (for Vendor or Data Provider Use Only)

Vendor Name: _____

Representative Name: _____

Title: _____

Signature: _____

Date: _____

**The Representative must be authorized in writing by Vendor to execute the Agreement. Bats may request documentation evidencing this authority.*