

Thank you for choosing SogoTrade!

Our priority in servicing our new customers is to ensure that we have all the necessary documentation on file. This process helps us in protecting the security of each client as well as preparing for future transactions such as wire, check, and ACH withdrawals.

Below is the required paperwork. Please submit the following via email, fax or mail.

- Corporate Account Application**
- W9 Certification Form For Corporate Tax ID**
- Copy of the “Article of Incorporation / Certificate of Incorporation” ***
- Copy of Driver’s License or Passport for all Officers***
- Corporate Tax ID Confirmation from the IRS***
- 3 preferred user IDs (letters and numbers only, between 6-32 in length) ***
We will make a selection based on the availability. Once the User ID is assigned to your account, a password will be generated automatically from our system, which you will be informed. You may then change your password to your choice.

** These documents are provided by the customer and not by SogoTrade.*

SogoTrade New Account Contact

Email: newaccounts@sogotrade.com

Fax Number: 1-888-710-7646 (Domestic) 1-646-459-2749 (International)

Tel (English): 1-888-709-7646 (Domestic) 1-646-885-6594 (International)

Tel (Chinese): 1-888-681-7646 (Domestic) 1-646-885-6246 (International)

Mailing Address: SogoTrade, Inc.

1 McBride and Son Center Drive, Suite 288

Chesterfield, MO 63005

Attention: New Account Department

ACCOUNT NUMBER
BRANCH NUMBER

I (We) would like to open a brokerage account with the Introducing Broker (my Broker) to be carried by Apex Clearing Corporation
ACCOUNT INFORMATION (NOTE: ALL INFORMATION MUST BE COMPLETED.) PLEASE TYPE OR PRINT

Account Type	<input type="checkbox"/> CASH (Customer Account Agreement following this application)		<input type="checkbox"/> MARGIN (Request Margin and Truth in Lending Agreements)												
Customer Type	<input type="checkbox"/> Partnership (Partnership Agreement is required) <input type="checkbox"/> Foreign Bank (Foreign Certificate Regarding Foreign Banks is required) <input type="checkbox"/> Foreign Financial Institution <input type="checkbox"/> Other (Please specify) _____ <input type="checkbox"/> Limited Liability Company (LLC Agreement is required) Enter the tax classification (C=C corporation, S=S corporation, P=partnership): _____		<input type="checkbox"/> Trust (Trustee Certification Required) <input type="checkbox"/> C-Corporation (Corporate Resolution is required) <input type="checkbox"/> S-Corporation (Corporate Resolution is required)												
Account Information	ACCOUNTNAME		SOC. SEC. OR TAX I.D. NO.												
	BUSINESS ADDRESS		CITY	STATE ZIP CODE											
	AUTHORIZED SIGNOR:		EMAIL:												
	DATE OF BIRTH	SOCIAL SECURITY NUMBER	U.S. Citizen <input type="checkbox"/> Yes <input type="checkbox"/> No	IF NO, WHAT COUNTRY?											
	BUSINESS TELEPHONENO.		MAIL TO <input type="checkbox"/> Mailing <input type="checkbox"/> Business <input type="checkbox"/> P.O. Box	U.S. ENTITY <input type="checkbox"/> YES <input type="checkbox"/> NO											
	FAX NO.														
	MAILING ADDRESS (If Different than Business Address)		CITY	STATE ZIP CODE											
ATTENTION:															
HAVE YOU GRANTED TRADING AUTHORIZATION TO ANOTHER PARTY? <input type="checkbox"/> Yes <input type="checkbox"/> No If Yes, Request Trading Authorization Form and provide name of agent _____															
Additional Account Information	Is the account maintained for a current or former Politically Exposed Person or Public Official (includes U.S. and Foreign Individuals)?		<input type="checkbox"/> Yes / <input type="checkbox"/> No												
	If yes, please provide the names of that official and official's immediate family members (including former spouses).		Official and Immediate Family Member(s)												
	If yes, please provide the name of the related political organization.		Political Organization												
	Is the account maintained for a Foreign Financial Institution as defined by Title 30 of the Code of Federal Regulations? If yes, please complete the "Foreign Financial Institution Due Diligence Questionnaire" form.		<input type="checkbox"/> Yes / <input type="checkbox"/> No												
	Is this account a Foreign Bank organized under foreign law and located outside of the United States as defined by Title 31 of the Code of Federal Regulations? If "yes", please ensure the "Certification Regarding Correspondent Accounts" is complete (in addition to the "Foreign Financial Institution Due Diligence Questionnaire" form). NOTE: Broker-dealers are prohibited from establishing, maintaining, administering or managing correspondent accounts in the United States for foreign shell banks. The prohibition does not include foreign shell banks that are regulated affiliates. If yes, please list U.S. Agent for service of process.		<input type="checkbox"/> Yes / <input type="checkbox"/> No												
Suitability Information	TIME HORIZON The number of years planned to invest to achieve a particular financial goal. <input type="checkbox"/> Short (Less than 3 Years) (01) <input type="checkbox"/> Longest (8 years or more) (03) <input type="checkbox"/> Average (4 to 7 Years) (02)		LIQUIDITY NEEDS The ability to quickly and easily convert all or a portion of the account assets into cash without experiencing significant loss. <input type="checkbox"/> Very Important (01) <input type="checkbox"/> Not Important (03) <input type="checkbox"/> Somewhat Important (02)												
	Investment Profile		RISK TOLERANCE												
<table border="1"> <thead> <tr> <th>INVESTMENT OBJECTIVE</th> <th>INVESTMENT EXPERIENCE</th> <th>ANNUAL INCOME (from all sources)</th> <th>LIQUID NET WORTH (cash & liquid investments only)</th> <th>TOTAL NET WORTH (excluding residence)</th> <th>RISK TOLERANCE</th> </tr> </thead> <tbody> <tr> <td> <input type="checkbox"/> Capital Preservation (05) <input type="checkbox"/> Income (04) <input type="checkbox"/> Growth (03) <input type="checkbox"/> Speculation (06) <input type="checkbox"/> Other (08) </td> <td> <input type="checkbox"/> None (00) <input type="checkbox"/> Limited (01) <input type="checkbox"/> Good (02) <input type="checkbox"/> Extensive (03) </td> <td> <input type="checkbox"/> Under \$25,000 (01) <input type="checkbox"/> \$25,001 to \$50,000 (02) <input type="checkbox"/> \$50,001 to \$100,000 (03) <input type="checkbox"/> \$100,001 to \$200,000 (23) <input type="checkbox"/> \$200,001 to \$300,000 (24) <input type="checkbox"/> \$300,001 to \$500,000 (25) <input type="checkbox"/> \$500,001 to \$1,200,000 (26) <input type="checkbox"/> Over \$1,200,001 (27) </td> <td> <input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (22) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26) </td> <td> <input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (22) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26) </td> <td> <input type="checkbox"/> Low (01) <input type="checkbox"/> Medium (02) <input type="checkbox"/> High (03) TAX BRACKET _____% </td> </tr> </tbody> </table>		INVESTMENT OBJECTIVE	INVESTMENT EXPERIENCE	ANNUAL INCOME (from all sources)	LIQUID NET WORTH (cash & liquid investments only)	TOTAL NET WORTH (excluding residence)	RISK TOLERANCE	<input type="checkbox"/> Capital Preservation (05) <input type="checkbox"/> Income (04) <input type="checkbox"/> Growth (03) <input type="checkbox"/> Speculation (06) <input type="checkbox"/> Other (08)	<input type="checkbox"/> None (00) <input type="checkbox"/> Limited (01) <input type="checkbox"/> Good (02) <input type="checkbox"/> Extensive (03)	<input type="checkbox"/> Under \$25,000 (01) <input type="checkbox"/> \$25,001 to \$50,000 (02) <input type="checkbox"/> \$50,001 to \$100,000 (03) <input type="checkbox"/> \$100,001 to \$200,000 (23) <input type="checkbox"/> \$200,001 to \$300,000 (24) <input type="checkbox"/> \$300,001 to \$500,000 (25) <input type="checkbox"/> \$500,001 to \$1,200,000 (26) <input type="checkbox"/> Over \$1,200,001 (27)	<input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (22) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26)	<input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (22) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26)	<input type="checkbox"/> Low (01) <input type="checkbox"/> Medium (02) <input type="checkbox"/> High (03) TAX BRACKET _____%		
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Service Instructions	SWEEP: <input type="checkbox"/> Cash <input type="checkbox"/> Margin SPECIFY: <input type="checkbox"/> FDIC		WHEN SECURITIES ARE SOLD: <input type="checkbox"/> Hold Proceeds (7) WHEN SECURITIES ARE PURCHASED, THEY WILL BE HELD IN FIRM NAME												
	In making this selection, I (we) acknowledge that I (we) have read Section 17 of the Customer Account Agreement and have been made aware of the general terms and conditions of the products available through the sweep program.		DIVIDENDS*: <input type="checkbox"/> Hold (2)												
*In conjunction with "Hold Dividends", by selecting "Sweep" your credit balances will automatically be money market swept. Other alternatives for dividend distribution or requests for physical certificate delivery may be available. Contact your broker.															
Direct Communication Rule 14b-1(c)	Rule 14B-1(c) of the Securities Exchange Act, unless you object, requires us to disclose to an issuer, upon its request, the name, address, and securities position of our customers who are beneficial owners of the issuer's securities, which are held by us in your account in nominee name. The issuer would be permitted to use your name and other related information for corporation communication only. If you object to this disclosure check the box below. <input type="checkbox"/> Yes, I do object to the disclosure of such information.														
W-9 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.														
Signatures	Definition of a U.S. person. For federal tax return 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). The Internal Revenue Service does not require your consent to any provisions of this document other than the certifications required to avoid backup withholding.														
	I authorize Apex Clearing Corporation ("Apex") to obtain a consumer report at the time of application to verify my creditworthiness and to obtain a consumer report from time to time for updates, renewals, extensions, and collection activity on any approved account. Upon my written request, Apex will disclose to me whether it obtained a report, and if so, the name and address of the consumer-reporting agency that provided it. In the event that my account is denied, as a result of the consumer report verification, I authorize Apex to provide to my introducing broker the reason(s) for such denial.														
BY SIGNING THIS APPLICATION, I (WE) ACKNOWLEDGE THE FOLLOWING: (1) THAT, PAGE 2 PARAGRAPH 8 OF THE CUSTOMER ACCOUNT AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE AND IN ACCORDANCE WITH THIS AGREEMENT I (WE) AGREE IN ADVANCE TO ARBITRATE ANY CONTROVERSIES WHICH MAY ARISE BETWEEN OR AMONG ME (US), MY BROKER, AND/OR CLEARING FIRM, (2) RECEIPT OF A COPY OF THE CUSTOMER ACCOUNT AGREEMENT FOLLOWING THIS APPLICATION AND MY (OUR) AGREEMENT WITH THE TERMS THEREIN AND (3) THE INFORMATION PROVIDED ABOVE IS ACCURATE AND CORRECT.															
SIGNATURE			DATE												
For Office Use Only	FIRST TRADE	DATE OPENED	INTRODUCING BROKER / DEALER	CUSTOMER ID VERIFIED (Must be Completed) <input type="checkbox"/> Yes <input type="checkbox"/> No											
	INTRODUCING REP. SIGNATURE		REPNO.	BRANCH MGR APPROVAL											



CUSTOMER ACCOUNT AGREEMENT

This Customer Account Agreement (the "Agreement") sets forth the respective rights and obligations of Apex Clearing Corporation ("you" or "your" or "Apex") and the Customer's (as defined below) brokerage firm (the "Introducing Broker"), and the customer(s) identified on the New Account Application (the "Customer") in connection with the Customer's brokerage account with the Introducing Broker ("the Account"). The Customer hereby agrees as follows with respect to the Account, which the Customer has established with the Introducing Broker for the purchase, sale or carrying of securities or contracts relating thereto and/or the borrowing of funds, which transactions are cleared through you. To help the government fight the funding of terrorism and money laundering, Federal law requires all financial institutions to obtain, verify, and record information that identifies each person who opens an account. In order to open an account, the Customer will provide information that will allow you to identify the Customer including, but not limited to, the Customer's name, address, date of birth, and the Customer's driver's license or other identifying documents.

1. Applicable Rules and Regulations. All transactions for the Account shall be subject to the constitution, rules, regulations, customs and usages of the exchange or market and its clearing house, if any, upon which such transactions are executed, except as otherwise specifically provided in this Agreement.

2. Definitions. "Obligations" means all indebtedness, debit balances, liabilities or other obligations of any kind of the Customer to you, whether now existing or hereafter arising. "Securities and other property" shall include, but shall not be limited to, money, securities, commodities or other property of every kind and nature and all contracts and options relating thereto, whether for present or future delivery.

2A. Investment Objective Definitions. "**Capital Preservation**" - a conservative investment strategy characterized by a desire to avoid risk of loss; "**Income**" - strategy focused on current income rather than capital appreciation; "**Growth**" - investing in stocks with strong earnings and/or revenue growth or potential; "**Speculation**" - taking larger risks, usually by frequent trading, with hope of higher than-average gain. All strategies involve various types and levels of risk, the most common of which are market, credit, inflation, business and interest rate.

3. Breach; Security Interest. Whenever in your discretion you consider it necessary for your protection, or for the protection of the Customer's Introducing Broker or in the event of, but not limited to; (i) any breach by the Customer of this or any other agreement with you or (ii) the Customer's failure to pay for securities and other property purchased or to deliver securities and other property sold, you may sell any or all securities and other property held in any of the Customer's accounts (either individually or jointly with others), cancel or complete any open orders for the purchase or sale of any securities and other property, and/or borrow or buy-in any securities and other property required to make delivery against any sale, including a short sale, effected for the Customer, all without notice or demand for deposit of collateral, other notice of sale or purchase, or other notice or advertisement, each of which is expressly waived by the Customer, and/or you may require the Customer to deposit cash or adequate collateral to the Customer's account prior to any settlement date in order to assure the performance or payment of any open contractual commitments and/or unsettled transactions. You have the right to refuse to execute securities transactions for the Customer at any time and for any reason. Any and all securities and other property belonging to the Customer or in which the Customer may have an interest held by you or carried in any of the Customer's accounts with you (either individually or jointly with others) shall be subject to a first and prior security interest and lien for the discharge of the Customer's obligations to you, wherever or however arising and without regard to whether or not you have made advances with respect to such securities and other property, and you are hereby authorized to sell and/or purchase any and all securities and other property in any of the Customer's accounts, and/or to transfer any such securities and other property among any of the Customer's accounts to the fullest extent of the law and without notice where allowed. The losses, costs and expenses, including but not limited to reasonable attorneys' fees and expenses, incurred and payable or paid by you in the (i) collection of a debit balance and/or any unpaid deficiency in the accounts of the Customer with you or (ii) defense of any matter arising out of the Customer's securities transactions, shall be payable to you by the Customer. The Customer understands that because of circumstances beyond broker-dealers control, its customers' voting rights may be impaired. For example, if the stock of a company that another customer has purchased has not yet been received from the seller(s), then other customers' abilities to vote that company's stock could be impaired until those shares are received. In addition, if the stock of a company that the Customer has purchased has not yet been received from the seller(s), then payments received by the Customer from the Introducing Broker, in lieu of the dividends on that stock not yet received, may receive tax treatment less favorable than that accorded to dividends.

4. Cancellation. You are authorized, in your discretion, should you for any reason whatsoever deem it necessary for your protection, without notice, to cancel any outstanding order, to close out the accounts of the Customer, in whole or in part, or to close out any commitment made on behalf of the Customer.

5. Payment of Indebtedness Upon Demand. The Customer shall at all times be liable for the payment upon demand of any obligations owing from the Customer to you, and the Customer shall be liable to you for any deficiency remaining in any such accounts in the event of the liquidation thereof (as contemplated in Paragraph 3 of this Agreement or otherwise), in whole or in part, by you or by the Customer; and the Customer shall make payment of such obligations upon demand.

6. Accounts Carried as Clearing Broker. The Customer understands that you are carrying the accounts of the Customer as clearing broker by arrangement with the Customer's Introducing Broker through whose courtesy the account of the Customer has been introduced to you. Until receipt from the Customer of written notice to the contrary, you may accept from and rely upon the Customer's Introducing Broker for (a) orders for the purchase or sale in said account of securities and other property, and (b) any other instructions concerning the Customer's accounts. The Customer represents that the Customer understands that you act only to clear trades introduced by the Customer's Introducing Broker and to effect other back office functions for the Customer's introducing broker. The Customer confirms to you that the Customer is relying for any advice concerning the Customer's accounts solely on the Customer's Introducing Broker. The Customer understands that all representatives, employees and other agents with whom the Customer communicates concerning the Customer's account are agents of the Introducing Broker, and not your representatives, employees or other agents and the

Customer will in no way hold you liable for any trading losses that the Customer may incur. The Customer understands that you are not a principal of or partner with, and do not control in any way, the Introducing Broker or its representatives, employees or other agents. The Customer understands that you will not review the Customer's accounts and will have no responsibility for trades made in the Customer's accounts. You shall not be responsible or liable for any acts or omissions of the Introducing Broker or its representatives, employees or other agents. Notwithstanding the foregoing, in the event that the Customer initiates a claim against you in your capacity as clearing broker and does not prevail, the Customer shall be responsible for the costs and expenses associated with your defense of such claim. The Customer understands you shall be entitled to exercise and enforce directly against the Customer all rights granted to the Introducing Broker.

6A. Accounts Carried as Custodian. In some cases the Customer's account is being carried by arrangement with the Customer's Investment Advisor or Investment Manager, who uses you as their Broker-Dealer custodian. The Customer acknowledges that your role as custodian is to hold or custody account assets, distribute or collect funds on behalf of the Customer's account, execute and clear trades under instruction of the Customer's Investment Advisor or Investment Manager, generate account statements and provide other custodial services as may be mandated by various regulatory standards and requirements. The Customer understands that in the capacity as custodian, you will not offer investment advice, review the Customer's accounts, and will have no responsibility for trades made in the Customer's accounts. Additionally, in your capacity as custodian, you will not verify the accuracy of management fees that the Customer pays to Investment Advisors or Investment Managers pursuant to the terms of the Investment Management Agreement executed between the Customer and the Investment Advisor or Investment Manager. Notwithstanding the foregoing, in the event that the Customer initiates a claim against you in your capacity as custodial broker and does not prevail, the Customer shall be responsible for the costs and expenses associated with your defense of such claim.

7. Communications. You may send communications to the Customer at the Customer's address on the New Account Application or at such other address as the Customer may hereafter give you in writing, and all communications so sent, whether by mail, telegraph, or otherwise, shall be deemed given to the Customer personally, whether actually received or not. Reports of execution of orders and statements of accounts of the Customer shall be conclusive if not objected to in writing to you, the former within five (5) days and the latter within ten (10) days, after forwarding by you by mail or otherwise. In consideration of your sending any mail to me in care of a Post Office Box Address or a third party, I hereby agree that "all correspondence of any nature whatsoever" sent to me in such address will have the same force and effect as if it had been delivered to me personally.

8. ARBITRATION AGREEMENT. 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 FORM 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 **MAY** 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.

THE FOLLOWING ARBITRATION AGREEMENT SHOULD BE READ IN CONJUNCTION WITH THE DISCLOSURES ABOVE. ANY AND ALL CONTROVERSIES, DISPUTES OR CLAIMS BETWEEN THE CUSTOMER AND YOU, OR THE INTRODUCING BROKER, OR THE AGENTS, REPRESENTATIVES, EMPLOYEES, DIRECTORS, OFFICERS OR CONTROL PERSONS OF YOU OR THE INTRODUCING BROKER, ARISING OUT OF, IN CONNECTION WITH, FROM OR WITH RESPECT TO (a) ANY PROVISIONS OF OR THE VALIDITY OF THIS AGREEMENT OR ANY RELATED AGREEMENTS, (b) THE RELATIONSHIP OF THE PARTIES HERETO, OR (c) ANY CONTROVERSY ARISING OUT OF YOUR BUSINESS, THE INTRODUCING BROKER'S BUSINESS OR THE CUSTOMER'S ACCOUNTS, SHALL BE CONDUCTED PURSUANT TO THE CODE OF ARBITRATION PROCEDURE OF THE **FINANCIAL INDUSTRY REGULATORY AUTHORITY ("FINRA")**. THE DECISION AND AWARD OF THE ARBITRATOR(S) SHALL BE CONCLUSIVE AND BINDING UPON ALL PARTIES, AND ANY JUDGMENT UPON ANY AWARD RENDERED MAY BE ENTERED IN A COURT HAVING JURISDICTION THEREOF, AND NEITHER PARTY SHALL OPPOSE SUCH ENTRY.

No person shall bring a putative or certified class action to arbitration, nor seek to enforce any pre-dispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until: (i) the class certification is denied; or (ii) the class is de-certified; 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.

9. Representations. The Customer represents that the Customer is of majority age, that the Customer is not an employee of any exchange, or of any corporation of which any exchange owns a majority of the capital stock, or of a member of any exchange, or of a member firm or member corporation registered on any exchange or of a bank, trust company, insurance company or of any corporation, firm or individual engaged in the business dealing either as broker or as principal in securities, bills of exchange, acceptances or other forms of commercial paper. If the Customer is a corporation, partnership, trust or other entity, the Customer represents that its governing instruments permit this Agreement, that this Agreement has been authorized by all applicable persons and that the signatory on the New Account Application is authorized to bind the Customer. The Customer represents that the Customer shall comply with all applicable laws, rules and regulations in connection with the Customer's account. The Customer further represents that no one except the Customer has an interest in the account or accounts of the Customer with you.

10. Joint Accounts. If the New Account Application indicates that the Account shall consist of more than one person, the Customer's obligations under this Agreement shall be joint and several. References to the "Customer" shall include each of the customers identified on the New Account Application. You may rely on transfer or other instructions from any one of the Customers in a joint account, and such instructions shall be binding on each of the Customers. You may deliver securities or other property to, and send confirmations; notices, statements and communications of every kind, to any one of the Customers, and such action shall be binding on each of the Customers. Notwithstanding the foregoing, you are authorized in your discretion to require joint action by the joint tenants with respect to any matter concerning the joint account, including but not limited to the giving or cancellation of orders and the withdrawal of money or securities. In the case of Tenants by the Entirety accounts, joint action will be required for all matters concerning the joint account. Tenants by Entirety is not recognized in certain jurisdictions, and, where not expressly allowed, will not be a permitted designation of the account.

11. Other Agreements. If the Customer trades any options, the Customer agrees to be bound by the terms of your Customer Option Agreement. The Customer understands that copies of these agreements are available from you and, to the extent applicable, are incorporated by reference herein. The terms of these other agreements are in addition to the provisions of this Agreement and any other written agreements between you and the Customer.

12. Data Not Guaranteed. The Customer expressly agrees that any data or online reports is provided to the Customer without warranties of any kind, express or implied, including but not limited to, the implied warranties of merchantability, fitness of a particular purpose or non-infringement. The Customer acknowledges that the information contained in any reports provided by you is obtained from sources believed to be reliable but is not guaranteed as to its accuracy or completeness. Such information could include technical or other inaccuracies, errors or omissions. In no event shall you or any of your affiliates be liable to the Customer or any third party for the accuracy, timeliness, or completeness of any information made available to the Customer or for any decision made or taken by the Customer in reliance upon such information. In no event shall you or your affiliated entities be liable for any special incidental, indirect or consequential damages whatsoever, including, without limitation, those resulting from loss of use, data or profits, whether or not advised of the possibility of damages, and on any theory of liability, arising out of or in connection with the use of any reports provided by you or with the delay or inability to use such reports.

13. Payment for Order Flow Disclosure. Depending on the security traded and absent specific direction from the Customer, equity and option orders are routed to market centers (i.e., broker-dealers, primary exchanges or electronic communication networks) for execution. Routing decisions are based on a number of factors including the size of the order, the opportunity for price improvement and the quality of order executions, and decisions are regularly reviewed to ensure the duty of best execution is met. You or the Introducing Broker may receive compensation or other consideration for the placing of orders with market centers for execution. The amount of the compensation depends on the agreement reached with each venue. The source and nature of compensation relating to the Customer's transactions will be furnished upon written request.

14. Credit Check. You are authorized, in your discretion, should you for any reason deem it necessary for your protection to request and obtain a consumer credit report for the Customer.

15. Miscellaneous. If any provision of this Agreement is held to be invalid or unenforceable, it shall not affect any other provision of this Agreement. The headings of each section of this Agreement are descriptive only and do not modify or qualify any provision of this Agreement. This Agreement and its enforcement shall be governed by the laws of the state of Texas and shall cover individually and collectively all accounts which the Customer has previously opened, now has open or may open or reopen with you, or any introducing broker, and any and all previous, current and future transactions in such accounts. Except as provided in this Agreement, no provision of this Agreement may be altered, modified or amended unless in writing signed by your authorized representative. This Agreement and all provisions shall inure to the benefit of you and your successors, whether by merger, consolidation or otherwise, your assigns, the Introducing Broker, and all other persons specified in Paragraph 8. You shall not be liable for losses caused directly or indirectly by any events beyond your reasonable control, including without limitation, government restrictions, exchange or market rulings, suspension of trading or unusually heavy trading in securities, a general change in economic, political or financial conditions, war or strikes. You may transfer the accounts of the Customer to your successors and assigns. This Agreement shall be binding upon the Customer and the heirs, executors, administrators, successors and assigns of the Customer. Failure to insist on strict compliance with this Agreement is not considered a waiver of your rights under this Agreement. At your discretion, you may terminate this Agreement at anytime on notice to the Customer, the Customer will continue to be responsible for any obligation incurred by the Customer prior to termination. The Customer may not assign the Customer's rights or delegate the Customer's obligations under this Agreement, in whole or in part, without your prior consent.

16. SIPC Protection. As a member of the Securities Investor Protection Corporation (SIPC), funds are available to meet customer claims up to a ceiling of \$500,000, including a maximum of \$250,000 for cash claims. For additional information regarding SIPC coverage, including a brochure, please contact SIPC at (202) 371-8300 or visit www.sipc.org. Apex has purchased an additional insurance policy through a group of London Underwriters to supplement SIPC protection. This additional insurance policy becomes available to customers in the event that SIPC limits are exhausted and provides protection for securities and cash up to certain limits. Similar to SIPC protection, this additional insurance does not protect against a loss in the market value of securities.

17. Sweep Program. If the Customer elects to participate in one of your FDIC or money market sweep programs, the Customer acknowledges and agrees that: (a) the Customer has read and understands the sweep program terms and conditions and/or prospectuses available at <http://www.apexclearing.com/disclosures/> and is aware of the products available in such sweep programs; (b) you may make changes to your FDIC and/or money market sweep programs and products at any time, in your sole discretion and with or without notice to Customer; (c) the free credit balances in the Customer's Account may begin being included in the sweep program upon Account opening; and (d) you have no obligation to monitor the applicable sweep program elected for the Customer's Account or to make recommendations about, or changes to, the sweep program that might be beneficial to the Customer.

18. Tax Treaty Eligibility. This agreement shall serve as the Customer's certification that you are eligible to receive tax treaty benefits between the country or (of) residence indicated on the new account form and the country(ies) of origin holding jurisdiction over the instruments held within the customer's account.



CORPORATION ACCOUNT
 (Authorizing Trading in Securities and Commodities
 and Permitting Margin Transactions, Options and Short Sales)

TO the broker-dealer identified in the annexed resolutions, A/C # _____

The undersigned Corporation, by _____ its President, pursuant to the resolutions, a copy of which, certified by the Secretary, is annexed hereto, hereby authorizes you to open an account in the name of said Corporation; and the undersigned represents that no one other than the undersigned has any interest in such account. The undersigned also encloses herewith your Margin/Loan Agreement and Options Agreement (if applicable) duly executed on behalf of the Corporation. This authorization shall continue in force until revoked by the undersigned Corporation by a written notice, addressed to you and delivered at your main office. We agree that your clearing firm, in its own name and for its own benefit, shall be entitled to exercise and enforce directly against us the forgoing representation and authorization, the provisions of said agreements, and the provisions of the annexed resolutions.

Very truly yours,

Dated, _____

 _____ (City) _____ (State)

By _____
 _____ President

I, _____, being the Secretary of _____, hereby certify that the annexed resolutions were duly adopted at a meeting of the Board of Directors of said Corporation, duly held on the _____ day of _____ at which a quorum of said Board of Directors was present and acting throughout and that no action has been taken to rescind or amend said resolutions and the same are now in full force and effect.

I further certify that each of the following has been duly elected and is now legally holding the office set opposite his name:

President:

Name:	ID #:	
Signature:	ID Type:	
SSN, Fed ID, Cedula, NIT#:	Issued By:	
Date of Birth:	Issue Date:	Expiration Date:
Address:		

Vice President:

Name:	ID #:	
Signature:	ID Type:	
SSN, Fed ID, Cedula, NIT#:	Issued By:	
Date of Birth:	Issue Date:	Expiration Date:
Address:		

Treasurer:

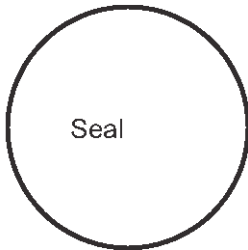
Name:	ID #:	
Signature:	ID Type:	
SSN, Fed ID, Cedula, NIT#:	Issued By:	
Date of Birth:	Issue Date:	Expiration Date:
Address:		

Secretary:

Name:	ID #:	
Signature:	ID Type:	
SSN, Fed ID, Cedula, NIT#:	Issued By:	
Date of Birth:	Issue Date:	Expiration Date:
Address:		

I further certify that the said Corporation is duly organized and existing and has the power to take the action called for by the resolutions annexed hereto.

IN WITNESS WHEREOF, I have hereunto affixed my hand this _____ day of



Secretary

CERTIFIED COPY OF CERTAIN RESOLUTION ADOPTED BY THE BOARD OF DIRECTORS WHEREBY
THE ESTABLISHMENT AND MAINTENANCE
OF TRADING ACCOUNTS HAVE BEEN AUTHORIZED

RESOLVED -

FIRST: That the President or any Vice President of this Corporation, or _____ or _____ be and they hereby are, and each of them hereby is, authorized and empowered, for and on behalf of this corporation (herein called the "Corporation"), to establish and maintain one or more accounts, which may be margin accounts, with _____ (herein called the "Brokers") for the purpose of purchasing, investing in, or otherwise acquiring, selling (including short-sales), possessing, transferring, exchanging, pledging, or otherwise disposing of, or turning to account of, or realizing upon, and generally dealing in and with (a)* any and all forms of securities including, but not by way of limitation, shares, stocks, bonds, debentures, notes, scrip, participation certificates, rights to subscribe, options, warrants, certificates of deposit, mortgages, choses in action, evidences of indebtedness, commercial paper, certificates of indebtedness and certificates of interest of any and every kind and nature whatsoever, secured or unsecured, whether represented by trust, participating and/or other contracts of the future delivery thereof, whether represented by trust, participating and/or other certificates or otherwise.

The fullest authority at all times with respect to any such commitment or with respect to any transaction deemed by any of the said officers and/or agents to be proper in connection therewith is hereby conferred, including authority (without limiting the generality of the foregoing) to give written or oral instructions to the Brokers with respect to said transactions; to borrow money and securities and if transactions to commodities are authorized hereby to borrow commodities and/or future contracts in commodities, and to borrow such money, securities, commodities and/or future contracts in commodities from or through the Brokers, and to secure repayment thereof with the property of the Corporation; to bind and obligate the Corporation to and for the carrying out of any contract, arrangement, or transaction, which shall be entered into by any such officer and/or agent for and on behalf of the Corporation with or through the Brokers; to pay in cash or by checks and/or drafts drawn upon the funds of the Corporation such sums as may be necessary in connection with any of the said accounts; to deliver securities, contracts and/or commodity futures to the Brokers; to order the transfer or delivery thereof to any other person whatsoever, and/or to order the transfer of record of any securities, or contracts or titles, to any name selected by any of the said officers or agents; to affix the corporate seal to any documents or agreements, or otherwise; to endorse any securities and/or contracts in order to pass title thereto; to direct the sale or exercise of any rights with respect to any securities; to sign for the Corporation all releases, powers of attorney and/or other documents in connection with any such account, and to agree to any terms or conditions to control any such account; to direct the Brokers to surrender any securities to the proper agent or party for the purpose of effecting any exchange or conversion, or for the purpose of deposit with any protective or similar committee, or otherwise; to accept delivery of any securities, contracts and/or commodity futures; to appoint any other person or persons to do any and all things which any of the said officers and/or agents is hereby empowered to do, and generally to do and take all action necessary in connection with the account, or considered desirable by such officer and/or agent with respect thereto.

SECOND: That the Brokers may deal with any and all of the persons directly or indirectly by the foregoing resolution empowered, as though they were dealing with the Corporation directly.

THIRD: That the Secretary of the Corporation be and he hereby is authorized, empowered and directed to certify, under the seal of the Corporation, or otherwise, to the Brokers:

- (a) a true copy of these resolution;
- (b) specimen signatures of each and every person by these resolutions empowered;
- (c) a certificate (which, if required by the Brokers, shall be supported by an opinion of the general counsel of the Corporation, or other counsel satisfactory to the Brokers) that the Corporation is duly organized and existing, that its charter empowers it to transact the business by these resolutions defined, and that no limitation has been imposed upon such powers by the By-Laws or otherwise.

Note: If either (a) or (b) in the first paragraph is not applicable please strike out the inapplicable part.

FOURTH: That the Brokers may rely upon any certification given in accordance with these resolutions, continuing fully effective unless and until the Brokers shall receive due written notice of a change in or the rescission of the authority so evidenced and the dispatch or receipt of any other form of notice shall not constitute a waiver of this provision, nor shall the fact that any person hereby empowered ceases to be an officer of the Corporation, or becomes an officer under some other title, in any way affect the powers hereby conferred. The failure to supply any specimen signature shall not invalidate any transaction if the transaction is in accordance with authority actually granted.

FIFTH: That in the event of any change in the office or powers of persons hereby empowered, the Secretary shall certify such changes to the Brokers in writing in the manner hereinabove provided, which notification, when received shall be adequate both to terminate the powers of the person theretofore authorized, and to empower the persons thereby substitute.

SIXTH: That the foregoing resolutions and the certificates actually furnished to the Brokers by the Secretary of the Corporation pursuant thereto, be and they hereby are made irrevocable until written notice of the revocation thereof shall have been received by the Brokers.

CUSTOMER MARGIN AND SHORT ACCOUNT AGREEMENT

This Customer Margin and Short Account Agreement (the "Agreement") sets forth the respective rights and obligations of Apex, the Introducing Broker and the Customer (all as defined below) in connection with the Customer's margin account opened with the Introducing Broker for the purchase and sale of securities and/or the borrowing of funds. The Customer understands that Apex has been designated as the clearing firm on the account and the Customer hereby acknowledges and agrees that the margin extended to the Customer hereunder is provided by Apex.

1. **Applicable Rules and Regulations.** All transactions shall be subject to the constitution, rules, regulations, customs and usages of the exchange or market and its clearing house, if any, upon which such transactions are executed, except as otherwise specifically provided in this Agreement.
2. **Definitions.** "Introducing broker" means any brokerage firm, which introduces securities transactions on behalf of the Customer, which transactions are cleared through you, whether one or more. "Obligations" means all indebtedness, debit balances, liabilities or other obligations of any kind of the Customer to you, whether now existing or hereafter arising. "Securities and other property" shall include, but shall not be limited to, money, securities, commodities or other property of every kind and nature and all contracts and options relating thereto, whether for present or future delivery. "You", "your" or "Apex" refers to Apex Clearing Corporation. "Customer" refers to the party or parties signing this agreement.
3. **Breach; Security Interest.** Whenever in your discretion you consider it necessary for your protection, or for the protection of the Customer's Introducing Broker or in the event of, but not limited to: (i) any breach by the Customer of this or any other agreement with you or (ii) the Customer's failure to pay for securities and other property purchased or to deliver securities and other property sold, you may sell any or all securities and other property held in any of the Customer's accounts (either individually or jointly with others), cancel or complete any open orders for the purchase or sale of any securities and other property, and/or borrow or buy on any securities and other property required to make delivery against any sale, including a short sale, effected for the Customer, all without notice or demand for deposit of collateral, other notice of sale or purchase, or other notice or advertisement, each of which is expressly waived by the Customer, and/or you may require the Customer to deposit cash or adequate collateral to the Customer's account prior to any settlement date in order to assure the performance or payment of any open contractual commitments and/or unsettled transactions. You have the right to refuse to execute securities transactions for the Customer at any time and for any reason. Any and all securities and other property now or hereafter held, carried or maintained by you in or for any of the accounts of the Customer (either individually or jointly with others), now or hereafter opened, including any accounts in which the Customer may have an interest, shall be subject to a first and prior lien and security interest for the discharge of all of the obligations of the Customer to you, whenever or however arising and without regard to whether or not you have made advances with respect to such securities and other property, and you are hereby authorized to sell and/or purchase any and all securities and other property in any of the Customer's accounts, and/or to transfer any such securities and other property among any of the Customer's accounts, to the fullest extent allowed by law and without notice where allowed. You shall have the right to transfer securities and other property so held by you from or to any other of the accounts of the Customer whenever you so determine.
4. **Liquidation.** In the event of the death of the Customer, or in the event the margin in any account in which the Customer has an interest shall in either your or the Introducing Broker's discretion become unsatisfactory to either you or the introducing broker, or be deemed insufficient by either you or the introducing broker, you are hereby authorized; (a) to sell any or all securities or other property which you may hold for the Customer (either individually or jointly with others); (b) to buy any or all securities and other property which may be short in such accounts; and/or (c) to cancel any open orders and to close any or all outstanding contracts; all without demand for margin or additional margin, notice of sale or purchase, or other notice or advertisement, and that any prior demand or notice shall not be a waiver of your rights provided herein. You may likewise accept and rely upon instructions which you receive from the introducing broker to effect any of the aforementioned transactions (as noted in (a), (b), and (c)). You shall have the discretion to determine which securities and other property are to be sold and which contracts are to be closed. Any such sales or purchases may be made at your discretion on any exchange, the over-the-counter market or any other market where such business is usually transacted, or at public auction or private sale, and you may be the purchaser for your own account.
5. **Cancellation.** You are authorized, in your discretion, should you for any reason whatsoever deem it necessary for your protection, without notice, to cancel any outstanding order, to close out the accounts of the Customer, in whole or in part, or to close out any commitment made on behalf of the Customer.
6. **Payment of Indebtedness Upon Demand.** The Customer shall at all times be liable for the payment upon demand of any obligations owing from the Customer to you, and the Customer shall be liable to you for any deficiency remaining in any such accounts in the event of the liquidation thereof (as contemplated in Paragraph 4 of this Agreement or otherwise), in whole or in part, by you or by the Customer; and the Customer shall make payment of such obligations upon demand.
7. **Liability for Costs of Collection.** The losses, costs and expenses, including but not limited to reasonable attorneys' fees and expenses, incurred and payable or paid by you in the (i) collection of a debit balance and/or any unpaid deficiency in the accounts of the Customer with you or (ii) defense of any matter arising out of the Customer's securities transactions, shall be payable to you by the Customer.
8. **Accounts Carried as Clearing Broker.** The Customer understands that you are carrying the accounts of the Customer as clearing broker by arrangement with the Customer's Introducing Broker through whose courtesy the account of the Customer has been introduced to you. Until receipt from the Customer of written notice to the contrary, you may accept from and rely upon the Customer's Introducing Broker (a) orders for the purchase or sale of securities and other property, and (b) any other instructions concerning the Customer's accounts. The Customer represents that the Customer understands that you act only to clear trades introduced by the Customer's Introducing Broker and to effect other back office functions for the Customer's Introducing Broker. The Customer confirms to you that the Customer is relying for any advice concerning the Customer's accounts solely on the Customer's Introducing Broker. The Customer understands that all representatives, employees and other agents with whom the Customer communicates concerning the Customer's account are agents of the Introducing Broker and not your representatives, employees or other agents. The Customer understands that you are not a principal of or partner with, and do not control in any way, the Introducing Broker or its representatives, employees or other agents. The Customer understands that you will not review the Customer's accounts and will have no responsibility for trades made in the Customer's accounts. You shall not be responsible or liable for any acts or omissions of the Introducing Broker or its representatives, employees or other agents. Notwithstanding the foregoing, in the event that the Customer initiates a claim against you in your capacity as clearing broker and does not prevail, the Customer shall be responsible for the costs and expenses associated with your defense of such claim. The Customer understands you shall be entitled to exercise and enforce directly against the Customer all rights granted to the Introducing Broker.
9. **Communications.** You may send communications to the Customer at the Customer's address on the New Account Application or at such other address as the Customer may hereafter give you in writing, and all communications so sent, whether by mail, telegraph, messenger or otherwise, shall be deemed given to the Customer personally, whether actually received or not. Reports of execution of orders and statements of accounts of the Customer shall be conclusive if not objected to in writing to you, the former within five (5) days and the latter within ten (10) days, after forwarding by you to the Customer by mail or otherwise.
10. **ARBITRATION AGREEMENT. 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 FORM 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 MAY 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.

THE FOLLOWING ARBITRATION AGREEMENT SHOULD BE READ IN CONJUNCTION WITH THE DISCLOSURES ABOVE. ANY AND ALL CONTROVERSIES, DISPUTES OR CLAIMS BETWEEN THE CUSTOMER AND YOU, OR THE INTRODUCING BROKER, OR THE AGENTS, REPRESENTATIVES, EMPLOYEES, DIRECTORS, OFFICERS OR CONTROL PERSONS OF YOU OR THE INTRODUCING BROKER, ARISING OUT OF, IN CONNECTION WITH, FROM OR WITH RESPECT TO (a) ANY PROVISIONS OF OR THE VALIDITY OF THIS AGREEMENT OR ANY RELATED AGREEMENTS, (b) THE RELATIONSHIP OF THE PARTIES HERETO, OR (c) ANY CONTROVERSY ARISING OUT OF YOUR BUSINESS, THE INTRODUCING BROKER'S BUSINESS OR THE CUSTOMER'S ACCOUNTS, SHALL BE CONDUCTED PURSUANT TO THE CODE OF ARBITRATION PROCEDURE OF THE FINANCIAL INDUSTRY REGULATORY AUTHORITY ("FINRA"). THE DECISION AND AWARD OF THE ARBITRATOR(S) SHALL BE CONCLUSIVE AND BINDING UPON ALL PARTIES, AND ANY JUDGMENT UPON ANY AWARD RENDERED MAY BE ENTERED IN A COURT HAVING JURISDICTION THEREOF, AND NEITHER PARTY SHALL OPPOSE SUCH ENTRY.

No person shall bring a putative or certified class action to arbitration, nor seek to enforce any pre-dispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until: (i) the class certification is denied; or (ii) the class is decertified; or (iii) the 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.

11. **Hypothecation.** Within the limitations imposed by applicable laws, rules and regulations, all securities now or hereafter held by you, or carried by you in any account for the Customer (either individually or jointly with others), or deposited to secure same, may from time to time, without any notice, be carried in your general loans and may be pledged, repledged, hypothecated or rehypothecated, separately or in common with other securities for the sum due to you thereon or for a greater sum and without retaining in your possession or control for delivery a like amount of similar securities. The IRS requires Broker Dealers to treat dividend payments on loaned securities positions as payments received in lieu of dividends for 1099 tax reporting purposes. Taxation of substitute dividend payments may be greater than ordinary on qualified dividends. It is understood, however, that you agree to deliver to the Customer upon demand and upon payment of the full amount due thereon, all securities in such accounts, but without obligation to deliver the same certificates or securities deposited by the Customer originally. Any securities in the Customer's margin or short account may be borrowed by you, or lent to others.

12. **Interest.** Debit balances in all the accounts of the Customer shall be charged with interest in accordance with your established custom, as disclosed to the Customer in the Customer Information Brochure pursuant to the provisions of Rule 10b016 of the Securities Exchange Act.

13. **Margin.** The Customer agrees to maintain in all accounts with you such positions and margins as required by all applicable statutes, rules, regulations, procedures and custom, or as you deem necessary or advisable. The Customer agrees to promptly satisfy all margin and maintenance calls.

14. **Sales.** The Customer agrees to specifically designate any order to sell a security, which the Customer does not own as a short sale, and understands that you will mark such order as a short sale. The Customer agrees that any order which is not specifically designated as a short sale is a sale of securities owned by the Customer, and that the Customer will deliver the securities on or before settlement date, if not already in the account. If the Customer should fail to make such delivery in the time required, you are authorized to borrow such securities as necessary to make delivery for the Customer's sale, and the Customer agrees to be responsible for any loss you may thereby sustain, or which you may sustain as a result of your inability to borrow such securities.

15. **Representations.** The Customer represents that the Customer is of majority age, that the Customer is not an employee of any exchange, or of any corporation of which any exchange owns a majority of the capital stock, or of a member of any exchange, or of a member firm or a member corporation registered on any exchange or of a bank, trust company, insurance company or of any corporation, firm or individual engaged in the business dealing either as broker or as principal in securities, bills of exchange, acceptances or other forms of commercial paper. If the Customer is a corporation, partnership, trust or other entity, the Customer represents that its governing instruments permit this Agreement, that all applicable persons have authorized this Agreement and that the Customer's signatory is authorized to bind the Customer. The Customer represents that the Customer shall comply with all applicable laws, rules and regulations in connection with the Customer's account. The Customer further represents that no one except the Customer has an interest in the account or accounts of the Customer with you.

16. **Joint Account.** If the Customer shall consist of more than one person, the Customer's obligations under this Agreement shall be joint and several. You may rely on transfer or other instructions from any one of the Customers in a joint account, and such instructions shall be binding on each of the Customers. You may deliver securities or other property to, and send confirmations; notices, statements and communications of every kind, to any one of the Customers, and such action shall be binding on each of the Customers. Notwithstanding the foregoing, you are authorized in your discretion to require joint action by the joint tenants with respect to any matter concerning the joint account, including but not limited to the giving or cancellation of orders and the withdrawal of money, securities, futures or commodities. In the case of Tenants by the Entirety accounts, joint action will be required for all matters concerning the joint account. Tenants by Entirety is not recognized in certain jurisdictions, and, where not expressly allowed, will not be a permitted designation of the account.

17. **Other Agreements.** The Customer agrees to be bound by the terms of your **New Account Application/Customer Account Agreement**. If the Customer trades any options, the Customer agrees to be bound by the terms of your **Option Agreement**. The Customer understands that copies of these agreements are available from you and, to the extent applicable, are incorporated by reference herein. The terms of these other agreements are in addition to the provisions of this Agreement and any other written agreements between you and the Customer.

18. **Data Not Guaranteed.** The Customer expressly agrees that any data or online reports is provided to the Customer without warranties of any kind, express or implied, including but not limited to, the implied warranties of merchantability, fitness of a particular purpose or non-infringement. The Customer acknowledges that the information contained in any reports provided by you is obtained from sources believed to be reliable but is not guaranteed as to its accuracy or completeness. Such information could include technical or other inaccuracies, errors or omissions. In no event shall you or any of your affiliates be liable to the Customer or any third party for the accuracy, timeliness, or completeness of any information made available to the Customer or for any decision made or taken by the Customer in reliance upon such information. In no event shall you or your affiliated entities be liable for any special incidental, indirect or consequential damages whatsoever, including, without limitation, those resulting from loss of use, data or profits, whether or not advised of the possibility of damages, and on any theory of liability, arising out of or in connection with the use of any reports provided by you or with the delay or inability to use such reports.

19. **Credit Check.** You are authorized, in your discretion, should you for any reason deem it necessary for your protection to request and obtain a consumer credit report for the Customer.

20. **Miscellaneous** If any provision of this Agreement is held to be unenforceable; it shall not affect any other provision of this Agreement. The headings of each section of this Agreement are descriptive only and do not modify or qualify any provision of this Agreement. This Agreement and its enforcement shall be governed by the laws of the state of Texas and shall cover individually and collectively all accounts which the Customer has previously opened, now has open or may reopen with you, or any introducing broker, and any and all previous, current and future transactions in such accounts. Except as provided in this Agreement, no provision of this Agreement may be altered, modified or amended unless in writing signed by your authorized representative. This Agreement and all provisions shall inure to the benefit of your successors, whether by merger, consolidation or otherwise, your assigns, the Customer's Introducing Broker, and all other persons specified in Paragraph 10. You shall not be liable for losses caused directly or indirectly by any events beyond your reasonable control, including without limitation, government restrictions, exchange or market rulings, suspension of trading or unusually heavy trading in securities, a general change in economic, political or financial conditions, war or strikes. You may transfer the accounts of the Customer to your successors and assigns. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the Customer.

21. **Account Protection.** As a member of the Securities Investor Protection Corporation (SIPC), funds are available to meet customer claims up to a ceiling of \$500,000, including a maximum of \$250,000 for cash claims. For additional information regarding SIPC coverage, including a brochure, please contact SIPC at (202) 371-08300 or visit www.sipc.org. Apex has purchased an additional insurance policy through a group of London Underwriters (with Lloyd's of London Syndicates as the Lead Underwriter) to supplement SIPC protection. This additional insurance policy becomes available to customers in the event that SIPC limits are exhausted and provides protection for securities and cash up to an aggregate of \$600 million. This is provided to pay amounts in addition to those returned in a SIPC liquidation. This additional insurance policy is limited to a combined return to any customer from a Trustee, SIPC and London Underwriters of \$150 million, including cash of up to \$2.15 million. Similar to SIPC protection, this additional insurance does not protect against a loss in the market value of securities.

BY SIGNING BELOW, THE CUSTOMER AGREES TO ALL TERMS OF THIS CUSTOMER MARGIN AND SHORT ACCOUNT AGREEMENT AND ACKNOWLEDGES THE FOLLOWING: (1) THAT THE CUSTOMER'S MARGIN ACCOUNT SECURITIES MAY BE BORROWED BY YOU OR LOANED TO OTHERS; (2) RECEIPT OF A COPY OF THIS AGREEMENT AND A COPY OF THE MARGIN DISCLOSURE STATEMENT; AND (3) THAT THIS AGREEMENT CONTAINS A PREADISPUTE ARBITRATION CLAUSE ON PAGE 1, PARAGRAPH 10 AND IN ACCORDANCE WITH THIS AGREEMENT THE CUSTOMER AGREES IN ADVANCE TO ARBITRATE ANY CONTROVERSIES WHICH MAY ARISE BETWEEN THE CUSTOMER, INTRODUCING BROKER AND/OR YOU.

Date of Delivery of Margin Disclosure Statement: _____

For Use by Individuals, including joint accounts:

Signature: _____

Print Name: _____

Signature (Second Party, If Joint Account): _____

Print Name: _____

Date: _____

For use by entity accounts only (i.e. corporations, partnerships, trusts):

Is this account for a foreign bank? Yes No – If Yes, please list

Agent for service of process: _____

Is this account for a foreign shell bank? Yes No.

Does this firm offer services to a foreign shell bank? Yes No

If you answered yes to any of the above questions, Corporation will need to complete Certification Regarding Correspondent Accounts

Signature: _____

Print Name: _____

Title: _____

Date: _____

BRANCH/REP CODE NUMBER

ACCOUNT NUMBER

Customer Information	Please Provide the Following Information as Applicable. We Cannot Approve Your Account Without It.				
	TITLE OF ACCOUNT		EMPLOYER NAME (If Unemployed, Source of Income)		
	OCCUPATION/ POSITION OR TYPE OF BUSINESS	DATE OF BIRTH	EMPLOYER ADDRESS		
	MARTIAL STATUS <input type="checkbox"/> M <input type="checkbox"/> S <input type="checkbox"/> D <input type="checkbox"/> W	SPOUSE'S NAME	SPOUSE'S EMPLOYER	NUMBER OF DEPENDENTS	
INVESTMENT OBJECTIVE	ANNUAL INCOME (from all sources)	SPOUSE'S INCOME (from all sources)	LIQUID NET WORTH (cash & liquid investments only)	TOTAL NET WORTH (excluding residence)	
<input type="checkbox"/> Capital Preservation (05) <input type="checkbox"/> Income (04) <input type="checkbox"/> Growth (03) <input type="checkbox"/> Speculation (06) <input type="checkbox"/> Other (08)	<input type="checkbox"/> Under \$25,000 (01) <input type="checkbox"/> \$200,001 to \$300,000 (24) <input type="checkbox"/> \$25,000 to \$50,000 (02) <input type="checkbox"/> \$300,001 to \$500,000 (25) <input type="checkbox"/> \$50,001 to \$100,000 (03) <input type="checkbox"/> \$500,001 to \$1,200,000 (26) <input type="checkbox"/> \$100,001 to \$200,000 (23) <input type="checkbox"/> Over \$1,200,001 (27)	<input type="checkbox"/> Under \$25,000 (01) <input type="checkbox"/> \$200,001 to \$300,000 (24) <input type="checkbox"/> \$25,000 to \$50,000 (02) <input type="checkbox"/> \$300,001 to \$500,000 (25) <input type="checkbox"/> \$50,001 to \$100,000 (03) <input type="checkbox"/> \$500,001 to \$1,200,000 (26) <input type="checkbox"/> \$100,001 to \$200,000 (23) <input type="checkbox"/> Over \$1,200,001 (27)	<input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (23) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26)	<input type="checkbox"/> Under \$50,000 (01) <input type="checkbox"/> \$50,001 to \$100,000 (02) <input type="checkbox"/> \$100,001 to \$200,000 (22) <input type="checkbox"/> \$200,001 to \$500,000 (23) <input type="checkbox"/> \$500,001 to \$1,000,000 (24) <input type="checkbox"/> \$1,000,001 to \$5,000,000 (25) <input type="checkbox"/> Over \$5,000,001 (26)	
Prior Investment Experience	NAME OF FIRM(S)			NUMBER OF YEARS	
	STILL OPEN?		ESTIMATED VALUE \$		
	TYPE OF ACCOUNT (Indicate number of trades per year)		ANTICIPATED TYPES OF TRADES		
	<input type="checkbox"/> Stocks _____ <input type="checkbox"/> Options _____ <input type="checkbox"/> Corporate Bonds _____ <input type="checkbox"/> Commodities _____ <input type="checkbox"/> Municipal Bonds _____ <input type="checkbox"/> Tax Shelters _____ <input type="checkbox"/> Government Bonds _____ <input type="checkbox"/> Margin Account _____ <input type="checkbox"/> Funds _____		<input type="checkbox"/> Level 1 covered calls, including: Covered calls sold against stocks held long in your brokerage account Buy-writes (simultaneously buying a stock and writing a covered call) Covered call roll-ups/roll-downs <input type="checkbox"/> Level 2 All Level 1 strategies, plus: Long Calls Long Straddles Long Puts Long Strangles Covered puts (short stock and short put position) <input type="checkbox"/> Level 3 All Levels 1 and 2 strategies, plus: Equity credit spreads Equity calendar/diagonal spreads Equity debit spreads Index calendar/diagonal spreads Index debit spreads Index credit spreads <input type="checkbox"/> Level 4 All Level 1, 2, and 3 strategies, plus: Naked equity puts <input type="checkbox"/> Level 5 All Level 1, 2, 3, and 4 strategies plus: Naked equity calls <input type="checkbox"/> Level 6 All Level 1, 2, 3, 4 and 5 strategies plus: Naked index calls Naked index puts		
PLEASE LIST ANY OTHER RELEVANT FINANCIAL INFORMATION					
Signatures	I hereby confirm that I have read the provisions of this option agreement and understand the contents hereof. I hereby expressly confirm all the information contained in the Customer Information section, especially those concerning income, net worth and investment objectives, and will advise you of any changes in such information which could be deemed to affect the suitability of executing options transactions for my account.				
	BY SIGNING THIS APPLICATION, I (WE) ACKNOWLEDGE THE FOLLOWING: (1) THAT, PAGE 3 PARAGRAPH 9 OF THE ATTACHED AGREEMENT CONTAINS A PREDISPUTE ARBITRATION CLAUSE AND IN ACCORDANCE WITH THIS AGREEMENT I (WE) AGREE IN ADVANCE TO ARBITRATE ANY CONTROVERSIES WHICH MAY ARISE BETWEEN OR AMONG ME (US), MY BROKER, AND/OR CLEARING FIRM, (2) RECEIPT OF A COPY OF THE AGREEMENT FOLLOWING THIS APPLICATION AND MY (OUR) AGREEMENT WITH THE TERMS THEREIN AND (3) THE INFORMATION PROVIDED ABOVE IS ACCURATE.				
	APPLICANT'S SIGNATURE ▷			DATE	
SIGNATURE OF CO-APPLICANT ▷			DATE		
For Office Use Only (Must be filled in before Apex can accept)	Please note date of delivery on the items listed below:		INTRODUCING BROKER APPROVAL		
	Characteristics and Risk of Standard Options:		Registered Representative Signature		
	Special Statement for Uncovered Option Writers:		Option Principal Signature		
	Approved for Option Trading as follows: <input type="checkbox"/> Option Level 1 <input type="checkbox"/> Option Level 2 <input type="checkbox"/> Option Level 3 <input type="checkbox"/> Option Level 4 <input type="checkbox"/> Option Level 5 <input type="checkbox"/> Option Level 6		Registered Principal Signature		
		DATE			
		DATE			
		DATE			

In connection with any transactions in options which have been or may be purchased, sold, exercised or endorsed for the undersigned's account with an introducing broker(s) which clears through Apex Clearing Corporation, the undersigned agrees as follows:

1. Definitions. "Introducing broker" means any brokerage firm which introduces security transactions on behalf of the undersigned, which transactions are cleared through Apex, whether one or more. "Obligations" means all indebtedness, debit balances, liabilities or other obligations of any kind of the undersigned to Apex, whether now existing or hereafter arising. "Options" means all types of options, including puts, calls, equity, debt, index or otherwise. "Securities and other property" shall include, but shall not be limited to money, securities, commodities or other property of every kind and nature and all contracts and options relating thereto, whether for present or future delivery. "Apex" refers to Apex Clearing Corporation.

2. Limits. The undersigned shall not, acting alone or in concert with others, exceed the position/exercise limits set forth by any exchange or market or by any other regulatory authority having jurisdiction.

3. Authority, Execution of Orders, Security Interest. The undersigned hereby authorizes Apex in its discretion, should Apex deem it necessary for Apex's protection for any reason, including death of the undersigned, to buy, sell, or sell short for the undersigned's account any risk, puts, calls or other forms of option and/or to buy, sell or sell short any part or all of the underlying shares represented by options endorsed by Apex for the undersigned's account. Any and all expenses incurred by Apex in connection with such transactions shall be reimbursed by the undersigned to Apex. The undersigned understands and acknowledges that when transactions on the undersigned's behalf are to be executed and the options are traded in more than one marketplace Apex may use its discretion in selecting the market in which to enter the undersigned's order unless the undersigned specifically instructs otherwise. All monies, securities, or other property which Apex may hold in any account of the undersigned shall be held subject to a general lien for the discharge of the undersigned's obligations to Apex under this Agreement or otherwise. The decision to enter into options transactions was made entirely by the undersigned without any investment advice from Apex or the introducing broker.

4. Notice, Exercise, Random Allocation. The undersigned is aware of Apex's requirements and time limitations for accepting an exercise notice and expiration date. The undersigned understands that the undersigned may not receive actual notice of exercise until the week following exercise. The undersigned bears full responsibility for taking action to exercise or sell valuable options; however, in the absence of the undersigned notifying the introducing broker to exercise a valuable options contract by 3 p.m. Central Standard Time on the last business day prior to the expiration date of the options contract, and the introducing broker instructing Apex to sell valuable options on the undersigned's behalf within such time, the undersigned agrees that Apex may exercise the options contract on the undersigned's behalf. In the event of such exercise, the profit in excess of commission costs created thereby will be credited to the undersigned's account. In the event that the commissions to be charged for such an expiration transaction exceeds the proceeds to be realized, the undersigned agrees and hereby relinquishes the undersigned's ownership in said option to Apex, and Apex may exercise such option for its own account. If the undersigned does not instruct the introducing broker to exercise the valuable option by the time stated above, and Apex for whatever reason, does not exercise such option on the undersigned's behalf, the undersigned hereby waives any and all claims for damage or loss which the undersigned might at the time or any time thereafter have against Apex arising out of the fact that the option was not exercised. The undersigned is aware that Apex utilizes a random method of allocation for all option(s) assignments received from the Option Clearing Corporation. Exercise assignment notices for options contracts are allocated among all customers' short positions within that series. This is accomplished by a manual procedure, which randomly selects from among all customer short positions, including positions established on the day of assignment, those contracts which are subject to exercise. All American short positions are liable for assignment at any time. The undersigned understands that a more detailed description of this procedure is available upon request by the undersigned.

5. Uncovered Options. The undersigned agrees that in connection with any uncovered options(s) for the undersigned's account, uncovered options are prohibited in IRA accounts. The undersigned agrees not to sell, during the life of the options in the account, the underlying securities collateralizing such options, including any cash or securities which may accrue on the underlying covered securities until such options are closed, exercised or expired or the undersigned has met the collateral requirements established by Apex and/or the introducing broker for carrying uncovered options. The undersigned also agrees that the introducing broker and/or Apex, in its respective sole discretion, may refuse any order to sell such underlying securities received from the undersigned or by means of a "give up" basis through another firm unless, prior to such sale, the undersigned has met the collateral requirements established by Apex and/or the introducing broker for carrying uncovered options. Apex has the right, in its sole discretion, to permit the undersigned to apply the proceeds of such sale to such collateral requirements.

6. Risks. The undersigned is aware of the high degree of risk involved in options transactions and has given the introducing broker, in strict confidence, information to demonstrate that this account and the trading anticipated in connection therewith is not unsuitable for the undersigned in light of the undersigned's investment objectives, financial situation and needs, experience and knowledge. The undersigned agrees to advise the introducing broker of any changes in the undersigned's investment objectives, financial situation or other circumstances that may be deemed to materially affect the suitability of executing options transactions for the undersigned's account.

7. Options Account Form, Disclosure Documents. The undersigned has reviewed the contents of the options account form and represents that they are accurate. Although certain types of transactions are indicated as anticipated, Apex and the introducing broker may execute any other types of transactions for the undersigned's account upon the undersigned's instructions. The undersigned has received an Options Disclosure Document relating to options on the categories of underlying securities which the undersigned has been approved for trading.

8. Accounts Carried as Clearing Broker. The undersigned understands that Apex is carrying the accounts of the undersigned as clearing broker by arrangement with the undersigned's introducing broker through whose courtesy the account of the undersigned has been introduced to Apex. Until receipt from the undersigned of written notice to the contrary, Apex may accept and rely upon the introducing broker for (a) orders for the purchase or sale in said account of securities and other property, and (b) any other instructions concerning the undersigned's accounts. The undersigned represents that the undersigned understands that Apex acts only to clear trades introduced by the undersigned's introducing broker and to effect other back office functions for the undersigned's introducing broker. The undersigned confirms to Apex that the undersigned is relying for any advice concerning the undersigned's accounts solely on the undersigned's introducing broker. The undersigned understands that all representatives, employees and other agents with whom the undersigned communicates concerning the undersigned's account are agents of the introducing broker, and not Apex's representatives, employees or other agents. The undersigned understands that Apex will not review the undersigned's accounts and will have no responsibility for trades made in the undersigned's accounts, including but not limited to for appropriateness or suitability. Apex shall not be responsible or liable for any acts or omissions of the introducing broker or its representatives, employees or other agents. The execution of any such trades shall not be deemed to be an approval of such trades.

9. ARBITRATION AGREEMENT. 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 FORM 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 MAY 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.

THE FOLLOWING ARBITRATION AGREEMENT SHOULD BE READ IN CONJUNCTION WITH THE DISCLOSURES ABOVE. ANY AND ALL CONTROVERSIES, DISPUTES OR CLAIMS BETWEEN THE CUSTOMER AND YOU, OR THE INTRODUCING BROKER, OR THE AGENTS, REPRESENTATIVES, EMPLOYEES, DIRECTORS, OFFICERS OR CONTROL PERSONS OF YOU OR THE INTRODUCING BROKER, ARISING OUT OF, IN CONNECTION WITH, FROM OR WITH RESPECT TO (a) ANY PROVISIONS OF OR THE VALIDITY OF THIS AGREEMENT OR ANY RELATED AGREEMENTS, (b) THE RELATIONSHIP OF THE PARTIES HERETO, OR (c) ANY CONTROVERSY ARISING OUT OF YOUR BUSINESS, THE INTRODUCING BROKER'S BUSINESS OR THE CUSTOMER'S ACCOUNTS, SHALL BE CONDUCTED PURSUANT TO THE CODE OF ARBITRATION PROCEDURE OF THE FINANCIAL INDUSTRY REGULATORY AUTHORITY ("FINRA"). THE DECISION AND AWARD OF THE ARBITRATOR(S) SHALL BE CONCLUSIVE AND BINDING UPON ALL PARTIES, AND ANY JUDGMENT UPON ANY AWARD RENDERED MAY BE ENTERED IN A COURT HAVING JURISDICTION THEREOF, AND NEITHER PARTY SHALL OPPOSE SUCH ENTRY.

No person shall bring a putative or certified class action to arbitration, nor seek to enforce any pre-dispute arbitration agreement against any person who has initiated in court a putative class action; or who is a member of a putative class who has not opted out of the class with respect to any claims encompassed by the putative class action until: (i) the class certification is denied; or (ii) the class is decertified; or (iii) the 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.

10. Other Agreements. The undersigned agrees to be bounded by the terms of Apex's **Retirement Custodial Account Agreement, Apex's Customer Account Agreement and/or Apex's Customer Margin and Short Account Agreement.** The undersigned understands that copies of this agreement are available from Apex and, to the extent applicable, are incorporated by reference herein. The terms of this other agreement is in addition to the provisions of this Agreement and any other written agreements between Apex and the undersigned.

11. Data Not Guaranteed. The undersigned expressly agrees that any data or online reports is provided to the undersigned without warranties of any kind, express or implied, including but not limited to, the implied warranties of merchantability, fitness of a particular purpose or non-infringement. The undersigned acknowledges that the information contained in any reports provided by Apex are obtained from sources believed to be reliable but is not guaranteed as to its accuracy or completeness. Such information could include technical or other inaccuracies, errors or omissions. In no event shall Apex or any of Apex's affiliates be liable to the undersigned or any third party for the accuracy, timeliness, or completeness of any information made available to the undersigned or for any decision made or taken by the undersigned in reliance upon such information. In no event shall Apex or Apex's affiliated entities be liable for any special incidental, indirect or consequential damages whatsoever, including, without limitation, those resulting from loss of use, data or profits, whether or not advised of the possibility of damages, and on any theory of liability, arising out of or in connection with the use of any reports provided by Apex or with the delay or inability to use such reports.

12. Credit Check. Apex is authorized, in Apex's discretion, should Apex for any reason deem it necessary for Apex's protection to request and obtain a consumer credit report for the undersigned.

13. Miscellaneous. The undersigned is aware of and agrees that this Agreement and all transactions in the undersigned's accounts shall be governed by the constitution, rules, regulations, customs, usages and bylaws of the Options Clearing Corporation and the Financial Industry Regulatory Authority, and all exchanges or other facilities upon which options are traded for the account of the undersigned. If any provisions of this Agreement are held to be unenforceable, it shall not affect any other provisions of this Agreement. The headings of each sections of this Agreement are descriptive only and do not modify or qualify any provision of this Agreement. This Agreement and its enforcement shall be governed by the law of the state of Texas and shall cover individually and collectively all accounts which the undersigned has previously opened, now has open or may open or reopen with Apex, or any introducing broker, and any and all previous, current and future transactions in such accounts. Except as provided in this Agreement, no provision of this Agreement may be altered, modified or amended unless executed in writing by Apex's authorized representative. This Agreement and all provisions shall insure to the benefit of Apex and Apex's successors, whether by merger, consolidation or otherwise, Apex's assigns, the undersigned's introducing broker, and all other persons specified in Paragraph 9. Apex shall not be liable for losses caused directly or indirectly by any events beyond Apex's reasonable control, including without limitation, government restrictions, exchange or market rulings, and suspension of trading or unusually heavy trading in securities, a general change in economic, political or financial conditions, war or strikes. Apex may transfer the accounts of the undersigned to Apex's successors and assigns. This Agreement shall be binding upon the heirs, executors, administrators, successors and assigns of the undersigned.

SUPPLEMENTAL PROVISIONS

A. Pledging. The undersigned understands that under Section 408(e)(4) of the Internal Revenue Code of 1986, as amended, if the undersigned pledges any portion of the undersigned's IRA as collateral for a loan, the amount so pledged will be treated as a distribution, and may be included in the undersigned's gross income for the taxable year in which the undersigned pledges the assets to the extent it represents earnings or be subject to excise taxes.

B. Prohibited Transactions. The undersigned understands that the extension of credit through margin, short selling positions, and uncovered options are not permitted in IRA accounts. If the undersigned or the undersigned's beneficiary engage in a prohibited transaction with the undersigned's IRA, as described in Section 4975 of the Internal Revenue Code of 1986, as amended, the undersigned's IRA may lose its tax-deferred or tax-exempt status, and the undersigned must generally include the value of the earnings in the undersigned account in gross income for the taxable year the undersigned engages in the prohibited transactions.

C. ERISA. The undersigned hereby represents, warrants, and covenants that the undersigned's IRA is not subject to the Employee Retirement Income Security Act of 1974, as amended, and the undersigned will not engage in any transaction in the undersigned's IRA that involves any extension of credit by Apex.

D. No Advice. The undersigned has been provided with an opportunity to consult with the undersigned's tax adviser regarding the advisability of holding options or conducting options strategies in the undersigned's IRA account. The undersigned has not and will not, rely on Apex for legal or tax advice in connection with engaging in options transactions in the undersigned's IRA. The undersigned will not hold Apex responsible for any adverse tax consequences or penalties that the undersigned or the undersigned's IRA may incur in connection with options transactions.

E. Obligations. The undersigned understands that the undersigned is solely responsible for ensuring that sufficient assets are maintained in the undersigned's IRA to cover all potential obligations arising from the holding of options and conducting any options strategies, including any potential assignment and exercise. The undersigned acknowledges responsibility for not conducting options transactions that can result in liabilities or obligations in excess of the undersigned's IRA account balance. Apex shall not be responsible for the dishonor of any transaction due to an insufficient balance in the undersigned IRA. If an assignment creates a short position or debit balance, Apex is authorized to immediately cover deficit in the undersigned's IRA with other assets in the undersigned IRA account.

F. Indemnification. By signing this Agreement, the undersigned hereby agrees to indemnify and hold Apex, Apex's affiliates, and their respective officers, directors, employees and agents, and their respective successors and assigns, harmless from and against any and all losses (including but not limited to consequential damages), liabilities, tax consequences (including excise taxes, penalties and interest), demands, claims and expenses, attorneys' fees, damages (including consequential, incidental, special or exemplary) arising out of any actions or omissions by Apex, or Apex's agents in connection herewith, which are not caused by Apex's gross negligence or willful misconduct. This provision shall survive the termination of this Agreement and shall be binding upon, and inure to the benefit of, each party's respective successors, assigns, heirs, and personal representatives.

G. Option Levels

- Level 1 Covered calls, including:
 - Covered calls sold against stocks held long in your brokerage account
 - Buy-writes (simultaneously buying a stock and writing a covered call)
 - Covered call roll-ups/roll-downs
- Level 2 All Level 1 strategies, plus:
 - Married puts
 - Long calls
 - Long puts
 - Long straddles
 - Long strangles
 - Covered puts (short stock and short put position)
- Level 3 All Levels 1 and 2 strategies, plus:
 - Equity debit spreads
 - Equity credit spreads
 - Equity calendar/diagonal spreads
 - Index debit spreads
 - Index credit spreads
 - Index calendar/diagonal spreads
- Level 4 All Level 1, 2, and 3 strategies, plus:
 - Naked equity puts
- Level 5 All Level 1, 2, 3, and 4 strategies, plus:
 - Naked equity calls
- Level 6 All Level 1, 2, 3, 4 and 5 strategies, plus:
 - Naked index calls
 - Naked index puts

Request for Taxpayer Identification Number and Certification

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

Print or type See Specific Instructions on page 2.	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; check only one of the following seven boxes: <input type="checkbox"/> Individual/sole proprietor or single-member LLC <input type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate <input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=partnership) ▶ _____ Note. For a single-member LLC that is disregarded, do not check LLC; check the appropriate box in the line above for the tax classification of the single-member 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.)	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 Part I instructions on page 3. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN* on page 3.

Social security number									
or									
Employer identification number									

Note. If the account is in more than one name, see the instructions for line 1 and the chart on page 4 for guidelines on whose number to enter.

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 on page 3.

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. Information about developments affecting Form W-9 (such as legislation enacted after we release it) is at www.irs.gov/fw9.

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? on page 2.

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?* on page 2 for further information.