TRADE UP TO ADVANTAGE FUTURES

Partnership Account Application (Non-US)

Welcome to the Advantage Futures Account Application.

To help the government fight the funding of terrorism and money laundering activities, Federal law requires all financial institutions to obtain, verify, and record information which confirms the ultimate beneficial ownership of the account opening on our books.

What this means for you: As part of the account opening process, we will request certain information/documentation which allows Advantage to identify the corporate entity as well as the ultimate beneficial owner(s) of the entity.

Thank you for your interest. We look forward to working with you.

Rev 09.15.2020 \pm Advantage Futures

What You Need: Partnership (Non-US) Account Application

In addition to completing all appropriate Advantage account forms, please provide the following support documents for your application:

> Tax Identification Number

Legal Entity Identifier (LEI) Number – Required if trading CFE or any European (EU) Exchanges.

Legal Documents:

- Partnership Agreement and/or Certificate of Limited Partnership (or equivalent)
- List/Register of Partners and/or Managing Partners (or equivalent)
- Proof of Ownership List of General and/or Limited Partners (or equivalent) including specific General and/or Limited Partners Ownership Interest and Capital Contributions

Please Note: Advantage requires confirmation of **ultimate beneficial ownership** of the company opening on our books. Additional information/documentation will be required for any owners (individuals or entities) holding 20% or more ownership interest, directly or indirectly, in the company opening on our books.

Financials:

- Most recent two years of entity financials (audited, if available)
- Copy (or screenshot) of Bank Statement¹
- If submitting *Personal and/or Corporate Guarantee*, please provide financials verifying the guarantor's net worth.

Fund Accounts:

- Private Placement Memorandum (also referred to as the Offering Memorandum or Prospectus)
- Fund's Performance Record

Managed Accounts:

- Completed Managed Account Documents
- Disclosure Document (if applicable)
- Advisory Agreement (if applicable)
- Valid Photo Identification is required for all signatories, traders and authorized employees
- Employee Authorization Letters (signed by an authorized signatory) are required for any authorized employee(s) and/or trader(s) not already listed in the entity legal documents.
 - Must clearly state the approved duties/responsibilities/functions each individual is authorized to perform (including any authority to act on behalf of the entity).
- > Valid Photo Identification ² for each owner, authorized individual and trader.

¹ Name on the bank account must <u>exactly</u> match the name of the account opening on our books.

² Passport, US driver's license or other approved government-issued photo ID.

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4. Acknowledgement of Execution Services

Requires Manual (Ink) Signature

5. Authorization to Transfer Funds

Requires Manual (Ink) Signature

6. Consent to Take the Other Side of an Order

Requires Manual (Ink) Signature

7. Appointment As Agent

Requires Manual (Ink) Signature

8. W-8BEN Entity Form

Requires Manual (Ink) Signature

9. Source Of Funds

Requires Manual (Ink) Signature

10. Partnership Certification and Authorization

Requires Manual (Ink) Signature

11. FINCEN AML Due Diligence Appendix

Requires Manual (Ink) Signature

12. Uniform Subscriber Agreement

Requires E-Signature or Manual (Ink) Signature

13. Introduced Account Acknowledgement

Requires Manual (Ink) Signature

14. Personal Guarantee

Requires Manual (Ink) Signature

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15. Corporate Guarantee

Requires Manual (Ink) Signature

16. Additional Risk Disclosure

Requires Manual (Ink) Signature Complete if applicable

17. Commodity Futures Discretionary Trading Authorization

Requires Manual (Ink) Signature
Complete if giving POA/Third-Party Advisor discretionary authority to trade the account

18. Trading Managers Acceptance

Requires Manual (Ink) Signature Completed by POA/Third-Party Advisor if giving discretionary authority to trade the account

19. Transfer of Account Authorization

Requires Manual (Ink) Signature
Complete if transferring positions to Advantage from other FCM

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ACKNOWLEDGEMENT OF ADVANTAGE FUTURES LLC FUTURES CLIENT DISCLOSURES AND NOTICES

(Please acknowledge receipt of each document in the Futures Client Disclosures and Notices Booklet.)

CLIENT HEREBY ACKNOWLEDGES TO HAVE RECEIVED AND UNDERSTANDS THE FOLLOWING RISK DISCLOSURE STATEMENTS PRESCRIBED BY THE CFTC AND OTHER RISK DISCLOSURES AND INFORMATION FURNISHED HEREWITHIN:

- Risk Disclosure Statement for Futures and Options
- CFTC Rule 1.55 Disclosure Document Advantage Futures LLC
- Electronic Trading and Order Routing Systems Disclosure Statement
- Direct Order Transmittal Client Disclosure Statement
- Disclosure Pursuant to Commodity Futures Trading Commission Rule 1.46 (e)(1)
- Privacy Notice
- Advantage Futures LLC Electronic Access Policy
- NFA Investor Advisory -Futures and Virtual Currencies Including Bitcoin
- CFTC Customer Advisory: Understanding the Risks of Virtual Currency Trading
- Electronic Trading Guidelines Montreal Exchange
- Australian Securities and Investments Commission Notification
- Special Notice or Foreign Brokers and Foreign Traders (For non-US accounts only)
- Options Special Instructions Notice

I/We have received the above disclosures and notices in the Advantage Futures LLC Futures Client Disclosures and Notices Booklet and understand all the above provided disclosures and notices.

Name of Client – Please Print		
		_
Signature	Date	
Name & Title – For Entity Accounts – Please Print		
Name of Joint Client – Please Print		
Signature of Joint Client	Date	



ADVANTAGE FUTURES CLIENT AGREEMENT

In consideration of Advantage Futures LLC ("Advantage") accepting and maintaining for the undersigned Client ("Client") one or more accounts (collectively referred to as "the Account") and Advantage's agreement to act as broker for the Client for execution clearing, and/or carrying of transactions as Advantage agrees to accept for the purchase and sale of futures contracts, options on futures, foreign exchange transactions, physical or cash commodities, and exchange for physical ("EFP",) or any similar instruments which may be purchased, sold or cleared by or through a futures commission merchant (individually a "Contract" or collectively, "Contracts"). Client agrees to the terms and conditions as set forth below in this Futures Client Agreement ("Agreement"):

1. Applicable Rules and Regulations.

All transactions in the Account shall be subject to (a) the terms of this Agreement and all related agreements, (b) the laws, regulations, rules, and interpretations of any applicable governmental, regulatory, or self-regulatory authority, exchange, market, and any associated clearing organization on which such transactions are executed, cleared and/or carried, and (c) customs and usages of trade (all of the foregoing, as in force from time to time, collectively referred to as "rule or law").

If any term or provision of this Agreement is, or at any time becomes, inconsistent with any present or future rule or law or otherwise is invalid or unenforceable, the inconsistent term or provision shall be deemed amended or superseded to conform with such rule or law, but in all other respects this Agreement shall continue in full force and effect. None of Advantage, its Affiliates (as hereinafter defined), officers, directors, employees, delegates, or agents shall be liable to Client as a result of any action reasonably taken by Advantage, its Affiliates, officers, directors, employees, delegates, or agents to comply with such rule or law. Advantage's violation or alleged violation of any rule or law shall not provide Client in any legal, reparation, arbitration, or other proceeding with a defense to a claim by Advantage for money or other property due under this Agreement or a basis or a claim by Client that money or other property is due from Advantage. The term "Affiliates" shall mean all entities, present and future, which are controlling, controlled by, or under common control with Advantage, including but not limited to Advantage Securities LLC.

2. Payment Obligations of Client.

Client agrees to pay promptly to Advantage and Client authorizes Advantage to charge the Account (a) all customary brokerage charges, give-up fees, commissions, and service fees as Advantage may from time to time charge; (b) all exchange, clearing house, clearing member, National Futures Association ("NFA"), Securities and Exchange Commission ("SEC"), and applicable regulatory and self-regulatory fees or charges; and (c) any applicable tax imposed on transactions in Contracts. In addition,

Client agrees to pay to Advantage on demand (a) the amount of any trading losses in the Account; (b) any debit balance or deficiency in the Account; (c) interest on any debit balances or deficiencies in the Account at the rate customarily charged by Advantage, together with costs and reasonable attorneys' fees incurred in collecting any such debit balance or deficiency; (d) any fees or charges associated with a failure to deliver or failure to receive securities; and (e) any other amounts owed by Client to Advantage with respect to the Account or any transactions therein. All payments required to be made by Client shall be made by wire transfer (or by check if permitted by Advantage in its sole and absolute discretion) of immediately available funds only to the Account of Advantage as set forth in the instructions accompanying this Agreement. Client agrees when requested, whether by telephone or other communication to furnish to Advantage names of bank officers and information necessary to enable Advantage to confirm for immediate verification of such wire transfers.

3. Acknowledgment of Risks.

Client acknowledges trading in Contracts is a speculative activity involving leverage and rapidly fluctuating markets. Despite such risks, Client is willing and able to assume the financial risks and other exposures of trading in Contracts.

4. Risk of Loss; Limitation of Liability.

- (a) All transactions effected for the Account and all fluctuations in the market prices of the Contracts carried in the Account are at Client's risk, and Client shall be solely liable therefore under all circumstances. Client represents, warrants, and acknowledges that Client is willing and financially able to sustain such losses, and the trading of Contracts is suitable for Client. Advantage is not responsible for the obligations of any person(s) with whom Client's transactions are effected, nor is Advantage responsible for the performance or non-performance by any contract market, exchange, trading system, clearing house, clearing firm, or other third party (including floor brokers and banks) in respect of any Contracts or other property of Client, or for delays in the transmission, delivery, or execution of Client's orders due to malfunctions of communications facilities or systems or other causes beyond Advantage's reasonable control or anticipation. Advantage is not responsible for the actions or non-actions of delegates selected by Advantage in good faith or appointed at the request of Client, whether such action and/or non-action amounts to negligence or inability on the part of the relevant delegate.
- (b) Client consents to Advantage's use of automated systems or service bureaus in conjunction with the Account, including, but not limited to, automated order entry, order routing, and/or order execution; recordkeeping, reporting, and Account reconciliation; and risk management (collectivity, "Automated Systems"). Client understands the use of Automated Systems entails risks, including, but not limited to, interruption of service, system or communications failure, delays in service, and errors in the design or functioning of such Automated Systems (collectively, a "System Failure"), could cause substantial damage, expense or liability to the Client.

ADVANTAGE MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH RESPECT TO THE SELECTION, DESIGN, FUNCTIONALITY, OPERATION, TITLE, OR NON-INFRINGEMENT OF ANY AUTOMATED SYSTEM, AND MAKES NO EXPRESS OR IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT, AND SPECIFICALLY DISCLAIMS ANY IMPLIED WARRANTY WITH RESPECT THERETO. WITHOUT LIMITING THE FOREGOING, ADVANTAGE EXPRESSLY DISCLAIMS ANY REPRESENTATION THAT ANY AUTOMATED SYSTEM WILL OPERATE UNINTERRUPTED OR BE ERROR-FREE.

EXCEPT AS PROVIDED IN THE RULES OF THE VARIOUS EXCHANGES, AND EXCEPT IN INSTANCES WHERE THERE HAS BEEN A FINDING OF WILLFUL OR WANTON MISCONDUCT. IN WHICH CASE THE PARTY FOUND TO HAVE ENGAGED IN SUCH CONDUCT CANNOT AVAIL ITSELF OF THE PROTECTIONS UNDER SUCH RULES. NEITHER ADVANTAGE. ITS AFFILIATES. ANY THIRD PARTY PROVIDER OF AUTOMATED SYSTEMS, NOR ANY OF THEIR RESPECTIVE OFFICERS, DIRECTORS, EMPLOYEES, DELAGATES, OR AGENTS SHALL BE LIABLE TO ANY PERSON, INCLUDING BUT NOT LIMITED TO CLIENT, FOR ANY LOSS, DAMAGE, COST, OR EXPENSE (INCLUDING, BUT NOT LIMITED TO, LOSS OF PROFITS, LOSS OF USE, OR DIRECT, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES), ARISING FROM (1) ANY FAILURE MALFUNCTION, INCLUDING BUT NOT LIMITED TO, ANY INABILITY TO ENTER OR CANCEL ORDERS. OF THE AUTOMATED SYSTEMS. OR SERVICES OR FACILITIES USED TO SUPPORT THE AUTOMATED SYSTEMS, REGARDLESS OF WHETHER SUCH ORDER(S) ARE ORIGINALLY INITIATED ELECTRONICALLY, OR OTHERWISE, OR (2) ANY FAULT IN DELIVERY, DELAY, OMISSION, SUSPENSION, INACCURACY, OR TERMINATION, OR ANY OTHER CONNECTION FURNISHING. CAUSE. IN WITH THE PERFORMANCE. MAINTENANCE, REPAIR, USE OF, OR INABILITY TO USE, ALL OR ANY PART OF THE AUTOMATED SYSTEMS, OR ANY SERVICES OR FACILITIES USED TO SUPPORT THE AUTOMATED SYSTEMS. THE FOREGOING SHALL APPLY REGARDLESS OF WHETHER A CLAIM OR CAUSE OF ACTION ARISES IN CONTRACT, TORT, NEGLIGENCE, STRICT LIABILITY, OR OTHERWISE.

(c) In addition, Advantage and its officers, directors, employees, delegates, and agents will have no liability whatsoever for any claim of loss, cost, expense, damage, or liability of Client or any third person arising out of or relating to any System Failure, regardless of whether such claim is based on contract, tort, strict liability, or any other theory. Advantage and its officers, directors, employees, delegates, and agents are not responsible or liable for the actual or alleged insufficient exercise of care in selecting any sub-agents or in selecting, monitoring, or operating any Automated System, for any failure or delay in informing Client of any System Failure, or in taking action to prevent or correct any such System Failure. In no event will Advantage and their officers, directors, employees, delegates, or agents have any liability for any incidental, special, or consequential damages, including, but not limited to, loss of profits or loss of use, even if Advantage was aware of the likelihood of such damages. Advantage has no

responsibility to inform Client of (i) any decision to use, not use, or cease using any Automated System, (ii) the characteristics, functions, design, or purpose of any Automated System, or (iii) any specific risks inherent in any Automated System.

5. Remedies.

In the event (a) Client dies or becomes incapacitated; (b) Advantage is unable to contact Client due to Client's unavailability or due to unforeseeable breakdown in communications systems or facilities; (c) Client terminates, dissolves, suspends its usual business, or any material portion thereof; (d) a petition for insolvency, bankruptcy, assignment for the benefit of creditors or receivership is filed by or against Client or Client is generally unable to pay debts as they become due (or Client admits such inability in writing); (e) the Account is attached; (f) Client fails to perform any material obligation under this Agreement; (g) Client fails to satisfy any margin call or debit balance in the Account; (h) Client fails to maintain margin as required by Advantage; (i) Client makes any representation to Advantage that is incorrect or misleading; or (i) Advantage in its sole and absolute discretion deems it necessary for its protection; Advantage shall have the right, in addition to any other remedy available at law or in equity, to (1) apply any Collateral or sell any such Collateral and apply the proceeds therefrom toward amounts payable by Client hereunder; (2) cover or liquidate any position or risk Client may have with Advantage including but not limited to whole or partial liquidations of the Account, buying and/or selling of any property, establishing new positions, exercising of any option, or spread, straddle, hedging existing open positions; and/or (3) cancel any or all pending orders and refuse to accept new orders; all of the foregoing without liability on Advantage's part to the Client or any third party. The above remedies are solely for Advantage's protection and any non-resort or partial resort to those remedies shall not relieve Client of any of its obligations under this Agreement.

Client acknowledges that in the event that Client does not maintain margin as required by Advantage or that Client's Account has zero equity or is equity deficit at any time, Advantage has the right without prior notice to liquidate all or any part of the Client's positions or to purchase or sell contracts that Advantage, in its sole discretion, determines will reduce or offset any risk or positions in Client's Account, reduce margin requirements, or reduce any risk to Advantage.

6. Margin Requirements.

(a) Client will maintain at all times sufficient equity to meet margins and premiums for the Account as required by Advantage. Margin requirements may be greater than exchange and clearing house requirements and Advantage has no obligation to apply uniform margin requirements among Clients or products. Advantage may modify margin requirements for any or all Clients open or new positions at any time in Advantage's sole and absolute discretion. Client shall monitor his, her or its account so that at all times the account contains sufficient equity to meet Margin Requirements.

- **(b)** Advantage has no obligation to notify Client of any failure to meet Margin Requirements before Advantage exercises its rights under this Agreement. Client agrees that Advantage is authorized to liquidate account positions or to establish positions that Advantage, in its sole discretion, determines will offset existing risks or positions or reduce margin in Client's account without prior notice.
- (c) If Advantage does not, for any reason, liquidate under-margined positions, and issues a margin call, Client must satisfy such call immediately by depositing funds. Client acknowledges that even if a call is issued, Advantage still may liquidate positions at any time.
- (d) Margin deposits shall be made by wire transfer (or by check if permitted by Advantage in its sole and absolute discretion) of immediately available funds and shall be deemed made when received by Advantage. Advantage's failure at any time to request a deposit of margin shall not constitute a waiver of Advantage's rights to do so at any time thereafter, nor shall it create any liability of Advantage to Client.

7. Market Information and Recommendations.

Any trading recommendation or market information furnished to Client by Advantage is incidental to the conduct of Advantage's business as a futures commission merchant and shall not serve as the primary basis for Client's trading decisions. Client acknowledges any recommendations or market information provided by Advantage, its officers, directors, employees, delegates, or agents, while based upon information from sources Advantage believes to be reliable, may be incomplete, inaccurate, or unverified and Advantage makes no representation, warranty, or guarantee as to the accuracy of any such information. Client acknowledges recommendations given to Client at any given time may be different from recommendations given to other Clients of Advantage and such recommendations may not be consistent with the recommendations or positions of Advantage, or any of its Affiliates, officers, directors, employees, delegates, and agents. Advantage shall have no responsibility or liability hereunder as a result of any suggestion, prediction, recommendation, or advice made or given by a representative of Advantage whether or not given at the request of Client. Any instruction given by Client or trading decision made by Client is based upon Client's own independent and informed decision and not in reliance on any recommendations, advice, or statement made by any Advantage officers, directors, employees, delegates, or agents. Client recognizes and acknowledges guarantees of profits or limitations of loss are impossible, and further confirms Client has not received any guarantee from Advantage or others, and if such assertions have been made, Client is not entering into this Agreement in reliance on any such guarantees.

8. Recording.

Client consents to the recording of conversations between Client and Advantage, its officers, directors, employees, delegates, or agents. Recordings may be made by Advantage, with or without the use of an automatic tone-warning device, or other

notification. Advantage is not required to make or retain such recordings, and Client irrevocably consents to such recordings and to Advantage's use of such recordings in any proceeding or as Advantage otherwise deems appropriate.

9. Foreign Currency.

If any transaction for the Account is effected on any exchange or in any market on which transactions are settled in a foreign currency (a) any profit or loss arising as a result of a fluctuation in the rate of exchange between such currency and the United States dollar shall be entirely for the Account and Client's risk; (b) all initial and subsequent margin deposits required or requested by Advantage shall be in United States dollars or, if requested by Advantage, in the currency required by the applicable exchange or clearing house; and (c) Advantage is authorized to convert funds in the Account into and from such foreign currency at rates of exchange prevailing at the banking and other institutions with which Advantage normally conducts business.

10. Interest.

Advantage shall be under no obligation to pay or account to Client for any interest income or benefits derived from the investment of Client funds.

11. Security Agreement.

Client hereby grants to Advantage a first priority perfected security interest in, and right of set-off against, all property of Client in the Account or otherwise held by or for Advantage or any of its Affiliates, including without limitation Contracts, cash, government securities, other securities, warehouse receipts, and commodities represented by such receipts, and other property (each or collectively referred to as "Collateral"), and the proceeds thereof, and all obligations, whether or not due, which are held, carried, or maintained by Advantage or its Affiliates or in the possession or control of Advantage or its Affiliates or which are, or may become, due to Client (either individually or jointly with others or in which Client has any interest) and all rights Client may have against Advantage or its Affiliates as security for the performance of all Client's obligations to Advantage or its Affiliates. Client acknowledges Advantage and its Affiliates act as agents for each other in respect of the assets subject to the security interest as described above. Advantage may, in its discretion and without notice to or consent from Client, deduct any amounts from the Account and apply or transfer any of Client's Collateral interchangeably between the Account and any of Client's accounts with Advantage's Affiliates, each of which constitutes unconditional security for all obligations of Client. For purposes of Articles 8 and 9 of the Illinois Uniform Commercial Code ("UCC"), Client agrees that to the extent that it is effecting transactions in government securities, Advantage is acting as Client's securities intermediary and Client's account is a Securities Account. Further, to the extent that Client has any control with respect to any assets held by Advantage, upon the occurrence of an Event of Default (as defined below), Client shall no longer have any control over such assets. Advantage and Client agree that all such assets credited to any securities account

maintained on the books of Advantage shall be treated as a financial asset for purposes of the UCC.

(b) Client further agrees Advantage may, in its discretion at any time and from time to time, verbally or in writing require Client to deliver Collateral to margin and secure Client's performance of any obligation(s) to Advantage. Such Collateral shall be delivered, within 24 hours of request or such shorter time as may be specified by Advantage, in such amount and form and to such Account or recipient as Advantage shall specify. If delivery of Collateral is not made within 24 hours, Client shall pay a fee on the unpaid indebtedness at a rate customarily charged by Advantage plus service charges and all costs of collection, including without limitation reasonable attorneys' fees. Client hereby grants Advantage the right to borrow, pledge, repledge, hypothecate, rehypothecate, loan, or invest any of the Collateral, including utilizing the Collateral to purchase United States Government Treasury obligations pursuant to repurchase agreements or reverse repurchase agreements with any party, in each case without notice to Client, and without any obligation to pay or account to Client for any interest, income or benefit that may be derived therefrom except as may be separately agreed in writing. The rights of Advantage set forth above shall be qualified and subject to any applicable requirements for segregation of Client's property under applicable rules or laws.

12. Trading Authorization.

Advantage is authorized to purchase and sell Contracts for the Account in accordance with Client's oral, written, or electronic instructions. Advantage also is authorized, in its discretion, to delegate execution, clearance, and/or settlement of orders or positions in Contracts to such persons as Advantage in good faith deems appropriate, including designated contract markets, brokers, clearing and non-clearing members, and floor brokers, whether or not affiliated or related to Advantage (each, a "delegate," and collectively, the "delegates"). Client understands if it wishes to transmit order instructions electronically, it will comply with Advantage's Electronic Access Policy.

13. User Name and Password Security.

Client acknowledges responsibility of maintaining the security and confidentiality of any user names and passwords provided by Advantage allowing access to trading platforms or other online services. Any unauthorized use of user name and password or unauthorized user access to trading platform or other online services should be reported immediately to Advantage. Client remains responsible for all transactions entered using the Client's user name and password.

14. Sales.

Any sales of Collateral made pursuant to Sections 5 or 11 hereof may be made according to Advantage's good faith judgment and at its commercially reasonable discretion, on or subject to the rules of the exchange or any other market where such business usually is transacted, or at public or private sale, without advertising the same,

including, without limitation, through exchange for physical ("EFP") transactions. For purposes of this paragraph, Client expressly authorizes Advantage to act as broker for Client or as principal opposite Client with respect to such EFP transactions and to execute such physical commodity transactions and documents on behalf of Client as may be necessary to effect such EFP transactions. Client recognizes such EFP transactions are not competitively executed by open outcry on an exchange, but will be executed at the market price then available to Advantage. In the event Advantage's position would not be jeopardized thereby, Advantage will make reasonable efforts to notify Client prior to taking any such actions. At any sale, Advantage may purchase the whole or any part thereof free from any right of redemption, and Client shall remain liable for and shall promptly pay Advantage the amount of any deficiency. Client understands a prior tender, demand or call of any kind from Advantage, or prior notice from Advantage of the time and place of such sale, shall not be considered a waiver of Advantage's right to sell any Financial Instrument or other Collateral. Failure to act in such circumstances will not constitute a waiver of Advantage's right to do so at any time thereafter, nor shall it impose any liability on Advantage nor create a defense for Client to any liability to Advantage.

15. Trading Limitations.

Client agrees Advantage may, in its sole and absolute discretion, refuse to accept or execute any order from Client, including, but not limited to, in the event Advantage believes the acceptance or execution of Client's order would be in contravention of any rule or law. In addition, Advantage may at any time, in its sole and absolute discretion, limit the number or types of positions Client may maintain or acquire through Advantage, and Client agrees not to exceed such limits. Advantage is under no obligation to effect any transaction for the Account that would create positions in those accounts in excess of the limit Advantage has set. If Client exceeds position limits imposed by Advantage, the Commodity Futures Trading Commission ("CFTC"), or a commodity exchange, Advantage shall have the right to liquidate positions in excess of the applicable position limit. In addition, Advantage shall have the right to liquidate Client's positions in government securities at any time without notice to Client.

16. Liquidation Instructions for Expiring Futures Contracts.

Client shall provide Advantage with liquidating instructions on open futures positions maturing in a current month five (5) business days prior to the last trading day or alternatively, Client shall provide to Advantage sufficient funds to take delivery or necessary delivery documents by such deadline. Unless Client provides such instructions, funds or documents to Advantage by such deadline, Advantage may at any time during the five (5) day period prior to expiration and without notice, liquidate Client's position or make or receive delivery on Client's behalf upon such terms and conditions as Advantage deems advisable, and neither Advantage's actions nor its timing shall impose any liability on Advantage or create a defense for Client to any liability of Client. If Advantage elects to make delivery on Client's behalf, Client authorizes Advantage, in its sole discretion, to borrow or purchase and execute and deliver the necessary delivery documents, and to guarantee and hold Advantage

harmless against any costs, losses, damages, or premiums it may incur in making such delivery or may sustain from its inability to borrow or purchase the delivery documents. In the event Advantage takes delivery of any property for the Account, Client agrees to pay all delivery, storage, insurance, interest, and related charges, and to guarantee and hold Advantage harmless against any loss Advantage may suffer, directly or indirectly, from a decline in the value of such property. Client expressly acknowledges that in volatile markets the making or accepting of delivery may involve a higher degree of risk than liquidating a position by offset.

17. Options Provisions.

With respect to short options positions, Client understands that some short option positions are subject to assignment at any time, including positions established on the same day exercises are assigned, and Advantage randomly allocates exercise notices among clients with short positions that are subject to exercise. With respect to long options positions, Client understands and acknowledges the exchanges and clearing houses have established certain deadlines for the tender of exercise notices or delivery instructions, that Advantage may establish earlier deadlines, and Client's option positions may be automatically exercised or become worthless if Client does not tender exercise notice or delivery instructions by the designated deadlines.

18. Notices and Communications.

Client shall make all payments, except with regard to wire transfers discussed in Section 6, and deliver all notices and any other communications to the offices of Advantage Futures LLC at 231 S. LaSalle St., Suite 1400, Chicago, Illinois 60604. All communications from Advantage to Client will be sent to Client at the electronic mail ("email") address provided by Client on the Client Account Application form or to such other mail address as Client hereafter directs in writing. Notices to the email on file will assume to be effective unless client provides written notification of new email.

Confirmations of trades, statements of Account, and any other notices sent to Client shall be binding on Client for all purposes, unless Client calls any such error to Advantage's attention (a) in the case of oral reports of executions, at the time received by Client or its agent, and (b) in the case of a written report (whether transmitted by mail, electronic mail, messenger, or otherwise), prior to opening of trading on the next business day following receipt of the report.

Client consents to delivery of required or optional reports by email, web site, or other electronic means, subject to compliance with any applicable law. Documents delivered electronically are deemed to be "in writing".

Margin calls shall be deemed conclusively correct if not objected to by Client by notice to Advantage in writing, within 24 hours of delivery of such margin call. None of these provisions, however, will prevent Advantage upon discovery of any error or omission, from correcting it. The parties agree that such errors, whether resulting in profit or loss, will be corrected and the Account will be credited or debited so it is in the same position

it would have been in if the error had not occurred, it being understood in no event shall Advantage be liable for any consequential or incidental damages arising out of such error. Whenever a correction is made, Advantage will promptly make written notification to Client. Notices by electronic communication will be considered "in writing." All communications sent to Client by Advantage to such address, whether by mail, telephone, facsimile, electronic mail, messenger, or otherwise, shall be deemed given to Client personally whether or not actually received by Client, and Client hereby waives all claims resulting from failure to receive such communications. In the event there is a disruption in the ability of Advantage to transmit to Client any communication electronic mail, Advantage reserves the right to transmit such communications by any means it deems reasonably appropriate, including by mail or overnight courier.

19. Client Documents.

Client represents that the information on the Client Application Form is true and complete and the representations in this Agreement and any applicable ancillary documents are accurate and that Advantage and its agents are entitled to rely on such information and representations for all purposes, unless Advantage receives notice in writing of any change. Communications delivered electronically, by email or upload, are deemed "in writing". Client shall promptly notify Advantage of any material change in such information or representations. To the extent certain ancillary documents are applicable, executed and delivered in connection with this Agreement; any or all such ancillary documents are incorporated herein by reference. In the event any term or provision of any of such ancillary documents should conflict with any term or provision of this Agreement, the terms and provisions of this Agreement, shall control and prevail. Advantage may store and retain account documents electronically and such stored documents represent true and genuine records.

20. Joint Accounts.

Joint account holders each will have the authority, without notice to other joint account members, to issue instructions with respect to the account and generally deal with Advantage fully and completely without consulting with other members of the joint account, including allowing each holder to buy or sell contracts, receive confirmations and correspondence about the account, and receive or dispose of money, securities or other assets in the account. Any Advantage notices to any joint account participant shall constitute notice to all holders of the joint account. Advantage is not responsible for inquiring or confirming instructions from a joint account participant with other individuals associated with the joint account.

In the event of the death of any Client having an interest in a joint account at Advantage, the survivor(s) shall give immediate written notice to Advantage. Before or after notice is given, Advantage may take actions as deemed advisable to protect Advantage against losses or liabilities related to the account. The estate(s) of a Client who has died shall be liable, and each survivor will be jointly and severally liable to Advantage for any debit balance or loss in the Account in any way resulting from the completion of transactions initiated prior to the receipt of the written notice of the death

of the decedent, or which occurred during liquidation of the Account of the interests of the respective parties.

21. Termination.

This Agreement may be terminated by either party at any time upon written notice to the other party. In the event of such notice, Client shall either close out open positions in the Account or arrange for such open positions to be transferred to another futures commission merchant. Upon satisfaction by Client of all Client's liabilities, Advantage shall transfer to another entity all Contracts, if any, then held for the Account, and shall transfer to Client or to another entity, as Client may instruct, all cash, securities, and other property held in the Account, whereupon this Agreement shall terminate. Termination of this Agreement and/or transfer of Contracts shall not relieve either party of any obligation in connection with any debit or credit balance or other liability or obligation incurred prior to such termination and/or transfer.

22. Representations.

Client represents and warrants (which representations and warranties shall remain in effect during the term of this Agreement) that: (a) if a natural person, Client is of legal age, under no legal incapacity, and is not restricted from entering into this Agreement and effecting purchases and sales of Contracts by virtue of employment or otherwise; (b) if an entity, Client is duly organized and in good standing in the jurisdiction of its formation, and it may lawfully and is duly authorized and empowered to enter into this Agreement and to effect purchases and sales of Contracts; (c) this Agreement is binding on Client and enforceable against Client in accordance with its terms; (d) it is in compliance with any applicable registration requirements or exemptions therefrom under the Commodity Exchange Act and the Securities Exchange Act of 1934, the regulations of the CFTC and any applicable membership requirements of the NFA; (e) to the extent that it effects transactions in government securities hereunder, all such transactions shall be for the purpose of: (i) effecting delivery pursuant to a futures contract; or (ii) risk reduction or arbitrage of existing or contemporaneously created positions in futures contracts and/or options thereon; or (iii) exchange of futures for physical transactions where Advantage acts as principal or agent in connection therewith; (f) no one other than Client has an ownership interest in the Account with Advantage unless such other persons are disclosed in the Client Application Form; and (g) Advantage is entitled to rely upon all actions taken and instructions given by any person with apparent authority to act on Client's behalf, and any person specifically designated to act on Client's behalf.

23. Special Provisions for Managed Accounts.

If the Account is being managed by a third party, Client acknowledges and agrees that Advantage is responsible only for the execution, clearing and/or carrying of transactions in the Account and Advantage has no responsibility or obligation regarding any conduct, action, representation, or statement of any such third party in connection with the Account or any transactions therein. In accordance with NFA Compliance Rule 2-8,

Client will deliver to Advantage a copy of such third party's written trading authorization or Client's acknowledgment of such authorization in a form acceptable to Advantage.

24. Client Information.

Client shall provide to Advantage such information regarding Client as Advantage may from time to time reasonably request. Client agrees to notify Advantage immediately but in no case not later than one business day following such change of any material adverse change in its financial condition. Advantage is authorized at any time to make inquiries, including with Client's banks or any credit agency, for purposes of verifying information contained on the Client Account Application Form or otherwise supplied to Advantage.

25. Privacy Notice.

Client acknowledges that Advantage is subject to all applicable regulations relating to the protection of data capable of identifying individuals under applicable privacy laws, including, where applicable, under the General Data Protection Regulation ("GDPR") and other UK and European privacy laws and applicable US privacy laws (the "Privacy Laws"). Client personal information shall be held and processed by the Advantage for the purposes of the administration and management of its businesses and for compliance with applicable procedures, laws and regulations (including Privacy Laws) as notified to Client in Privacy Notice in Futures Client Disclosures and Notices and as amended from time to time. The Privacy Notice shall not form part of this Client Agreement and may be amended at any time at the sole discretion of Advantage.

26. USA Patriot Notice.

Client acknowledges that Advantage is subject to federal laws, including the Customer Identification Program (CIP) requirements under the USA Patriot Act and its implementing regulations, pursuant to which Advantage must obtain, verify and record information that allows Advantage to identify Client. Accordingly, prior to opening account hereunder, Advantage will ask Client to provide certain information including, but not limited to, name, physical address, tax identification number, and other information that will assist Advantage to identify and verify Client identity such as organizational documents, certificate of good standing, license to do business, or other pertinent identifying information to assist Advantage in identifying and verifying Client's identity.

27. Inactive Accounts.

Client acknowledges Advantage may place Accounts in which there is no trading activity on inactive status and Client agrees to provide whatever information and execute such additional documentation Advantage may reasonably require upon Client's request to reactivate such inactive Account.

28. Binding Effect of Agreement.

This Agreement may only be assigned by Client with the prior written consent of Advantage. Advantage shall have the right upon notice to Client to transfer or assign this Agreement and the Account to any successor entity or to another properly registered futures commission merchant in its sole and absolute discretion without obtaining the consent of Client. This Agreement shall be binding upon and inure to the benefit of Advantage and its successors and assigns, and Client's personal representatives and permitted successors and assigns.

29. Modifications.

Except as provided in Section 1, no change in or waiver of any provision of this Agreement shall be binding unless it is in writing, dated subsequent to the date hereof, and signed by the party intended to be bound. No agreement or understanding of any kind shall be binding upon Advantage unless it is in writing and signed by an authorized officer of Advantage.

30. Governing Law.

This Agreement shall be governed by and construed in accordance with the laws of the State of Illinois, without regard to principles of choice of law.

31. Consent to Jurisdiction.

- (a) ALL ACTIONS, DISPUTES, CLAIMS, OR PROCEEDINGS, INCLUDING, BUT NOT LIMITED TO, ANY ARBITRATION PROCEEDING, INCLUDING NFA ARBITRATIONS, ARISING DIRECTLY OR INDIRECTLY IN CONNECTION WITH, OUT OF OR RELATED TO OR FROM THIS AGREEMENT, ANY OTHER AGREEMENT BETWEEN THE CLIENT AND ADVANTAGE OR ANY ORDERS ENTERED OR TRANSACTIONS EFFECTED FOR THE ACCOUNTS WHETHER OR NOT INITIATED BY ADVANTAGE SHALL BE ADJUDICATED ONLY IN COURTS OR OTHER DISPUTE RESOLUTION FORUMS WHOSE SITUS IS WITHIN THE COUNTY OF COOK, STATE OF ILLINOIS, AND CLIENT HEREBY SPECIFICALLY CONSENTS AND SUBMITS TO THE JURISDICTION OF ANY STATE OR FEDERAL COURT OR ARBITRATION PROCEEDINGS LOCATED WITHIN THE COUNTY OF COOK, STATE OF ILLINOIS.
- (b) CLIENT WAIVES ANY CLAIM CLIENT MAY HAVE THAT (i) CLIENT IS NOT PERSONALLY SUBJECT TO THE JURISDICTION OF ANY STATE OR FEDERAL COURT OR ARBITRATION PROCEEDINGS LOCATED WITHIN THE STATE OF ILLINOIS, (ii) CLIENT IS IMMUNE FROM ANY LEGAL PROCESS WHETHER THROUGH SERVICE OR NOTICE, ATTACHMENT PRIOR TO JUDGMENT, ATTACHMENT IN AID OF EXECUTION, EXECUTION OR OTHERWISE WITH RESPECT TO CLIENT OR CLIENT'S PROPERTY, (iii) ANY SUCH SUIT, ACTION, OR PROCEEDINGS IS BROUGHT IN AN INCONVENIENT FORUM, (iv) THE VENUE OF ANY SUCH SUIT, ACTION, OR PROCEEDING IS IMPROPER OR (v) THIS CONSENT

OR THE CLIENT AGREEMENT BETWEEN CLIENT AND ADVANTAGE MAY NOT BE ENFORCED IN OR BY SUCH COURT OR ARBITRATION PROCEEDING.

32. Waiver of Jury Trial.

CLIENT HEREBY WAIVES A TRIAL BY JURY IN ANY ACTION ARISING OUT OF OR RELATING TO THIS AGREEMENT OR ANY TRANSACTION IN CONNECTION HEREWITH.

33. Limitation of Actions.

Client agrees no action or arbitration demand arising out of transactions under this Agreement may be brought by Client more than one year after the cause of action arose. This time limitation may be substantially shorter than provided by federal or state law or the arbitration rules of the NFA or other self-regulatory organizations.

34. Risk Acknowledgement.

Client acknowledges trading Contracts is speculative, involves a high degree of risk and may be appropriate only for persons who can assume risk of loss in excess of their margin deposits, options premiums, and transaction costs. Client acknowledges and understands that because of the low margin ordinarily required to trade Contracts, price changes may result in significant losses, which may significantly exceed Client's margin deposits.

35. Indemnification.

Client agrees to indemnify, defend, and hold harmless Advantage, its Affiliates, officers, directors, delegates, and agents from and against any liability, loss, cost or expense including without limitation reasonable legal fees and expenses, costs of collection of debit balances, interest, and any fines imposed by any exchange, self-regulatory organization, or governmental body arising from (a) any failure of Client to perform its obligations under this Agreement; (b) any failure of Client to comply with any rule or law; or (c) any representation or warranty made by Client in this Agreement or in the forms attached hereto which is or which at any time becomes untrue or inaccurate.

36. Indemnification and Payment of Advantage Litigation Expenses.

In addition to the terms in Section 35 of this Agreement, Client agrees to indemnify, defend, and hold harmless Advantage, its affiliates and their respective officers, directors, employees, delegates, and agents, (collectively "Advantage Indemnified Parties") from and against any and all liabilities, losses, damages, including without!limitation, incidental, consequential, special, indirect or punitive damages, claims arising!in contract or tort, costs and expenses, including without limitation, accountants' and!attorneys' fees incurred by any of the Advantage Indemnified Parties, arising out of or!relating to this Agreement, any related agreement or the Account, except to the extent!caused directly by the gross negligence or willful misconduct of the Advantage!Indemnified Parties seeking indemnification. Client also agrees to indemnify, defend

and hold harmless the Advantage Indemnified Parties from and against any all liabilities, losses, damages, including without limitation, incidental, consequential, special, indirect or punitive damages, claims whether in contract or tort, costs and expenses, including without limitation, accountants, and attorneys' fees, incurred by any of the Advantage Indemnified Parties in expending and enforcing any of the provisions of this Agreement or any related agreement.

If Client initiates a legal action or proceeding against any of the Advantage Indemnified Parties or an Advantage introducing broker, and the Client does not prevail, Client shall indemnify any such Advantage Indemnified Parties and Advantage introducing brokers for all costs and expenses, including reasonable attorneys' fees incurred by such Advantage Indemnified Parties to defend themselves.

37. Advantage Affiliates.

Client acknowledges Advantage is a wholly owned subsidiary of Advantage Financial LLC, and Advantage is a separate and independent corporate entity, distinct from its parent and Affiliates. The Contracts offered, executed, cleared, or carried by Advantage and the Collateral associated with such Contracts are not bank deposits, are not insured by the FDIC, are not guaranteed by a bank affiliated with Advantage, and are not otherwise an obligation or responsibility of an affiliated bank. Advantage Futures LLC is not a broker dealer and Client funds are not covered by Securities Investor Protection Corporation ("SIPC").

38. Banking.

Client understands and agrees Advantage is not providing banking services or otherwise acting as a bank for purposes of the Illinois Funds Transfer Act, or any other applicable or comparable state or federal law. For the avoidance of doubt, Client agrees and covenants that Client will not assert any claims under Article 4A of the Illinois Uniform Commercial Code, 810 ILCS 5/4A-102, 104, (collectively, Article 4A) or any similar or comparable state or federal law applicable to banking institutions or financial institutions considered to be engaged in the business of banking. Furthermore, Client agrees that Advantage, its subsidiaries, and affiliates are not engaged in banking and are not subject to Article 4A, or any applicable or comparable state law in any other jurisdiction. If a court of competent jurisdiction enters a finding by judgment against Advantage on the basis of Advantage resulting in a banking or otherwise engaged in banking activities, Client agrees to indemnify Advantage from all such liability or losses as provided under paragraph 35 and 36 of this Agreement.

39. Headings.

The headings of each provision in this Agreement are for descriptive purposes only and shall not be deemed to modify or qualify any of the rights or obligations set forth in each provision.

40. Acknowledgment by Clients of Introducing Brokers ("IB") and Commodity Trading Advisors ("CTA").

IF THE ACCOUNT IS INTRODUCED BY AN IB OR BY A CTA, IT IS BEING CARRIED ON ADVANTAGE'S BOOKS ON A "FULLY DISCLOSED BASIS." CLIENT UNDERSTANDS THAT NEITHER IB NOR CTA ARE AGENTS OF ADVANTAGE. CLIENT UNDERSTANDS THAT ADVANTAGE IS ENGAGED BY CLIENT TO PERFORM CERTAIN BOOKKEEPING, AND OPERATIONAL FUNCTIONS WITH REGARD TO THE ACCOUNT. CLIENT UNDERSTANDS THAT ADVANTAGE IS RESPONSIBLE CLEARING AND/OR CARRYING TRANSACTIONS EFFECTED FOR THE ACCOUNT: SEGREGATING FUNDS IN ACCORDANCE WITH THE RULES AND REGULATIONS PROMULGATED BY THE CFTC; AND DELIVERING CLIENT STATEMENTS AND REPORTS OF ALL TRANSACTIONS. CLIENT UNDERSTANDS AND AGREES THAT IB MAY BE RESPONSIBLE AND CTA IS RESPONSIBLE FOR ENTERING ORDERS FOR THE ACCOUNT AND RISK; SUPERVISING SALES PRACTICES: AND COLLECTING FUNDS ON CLIENT'S BEHALF BY MEANS OF CHECKS PAYABLE TO ADVANTAGE ONLY. CLIENT AGREES TO INDEMNIFY, DEFEND. AND HOLD HARMLESS THE ADVANTAGE PARTIES FROM AND AGAINST ANY AND ALL LOSSES ARISING FROM OR RELATED TO THE CONDUCT OF IB OR CTA.

41. Acknowledgment Relating to Government Securities Transactions.

CLIENT ACKNOWLEDGES THAT ADVANTAGE IS NOT REGISTERED AS A BROKER-DEALER OR AS A GOVERNMENT SECURITIES BROKER-DEALER WITH THE SEC PURSUANT TO AN EXEMPTION FROM REGISTRATION. WHICH **PERMITS** ADVANTAGE TO EFFECT TRANSACTIONS IN GOVERNMENT SECURITIES AS AGENT FOR ITS CLIENTS UNDER LIMITED. CIRCUMSTANCES WITHOUT SUCH REGISTRATION. ACCORDINGLY, THE SEC'S FINANCIAL RESPONSIBILITY AND CLIENT PROTECTION RULES ARE NOT APPLICABLE TO ADVANTAGE. MOREOVER, ANY GOVERNMENT SECURITIES POSITIONS (AND ANY PROPERTY RELATED THERETO) CARRIED FOR CLIENT WILL NOT BE SUBJECT TO THE SEGREGATION REQUIREMENTS SET FORTH IN THE COMMODITY EXCHANGE ACT. FINALLY, CLIENT WILL NOT BE ENTITLED TO THE PROTECTIONS AFFORDED TO CLIENTS OF A REGISTERED BROKER-DEALER UNDER THE SECURITIES INVESTOR PROTECTION ACT OF 1970, AS AMENDED.

42. Acceptance of Agreement.This Agreement shall constitute an effective contract between Advantage and Client upon acceptance and execution by an officer of Advantage.

Name of Client – Please Print		
Signature	Date	
Name & Title – For Entity Accounts – Please Print		
Name of Joint Client – Please Print		
Signature of Joint Client	Date	
For Internal Purpose Only Accepted and Approved by: Authorized Officer of Advantage Futures LLC		
	Date	
	Date	



Account Type						D	ate of	Applicatio	n	
(check all that apply)										
Corporate			ΠP	artnership		□ l im	ited I iat	oility Compa	ınv	
Omnibus Client			_	mnibus House		_			iiiy	
Other (please specify)			_	rmnibus House						
Account Information										
Legal Account Name										
Primary Contact Name				Title						
Primary E-Mail	Seco	ondary	E-Mail	<u> </u>		Busir	ness Fax			
Primary Phone			1	Secondary Phor						
Office	□ F	Home	Cell	Secondary Prior	ie			Office	Home	Cell
Principal Business Address		Cit	ty		State/Province	е	Zip		Country	
Tax Payer ID		Le	egal Entity Ident	ifier (LEI) (if trad	ing non-U.S. prod	ducts)				
State of Organization		·		Nature of Busin	ness					
Financial Information										
Please complete the information below if you are una	ble to p	rovid	e financial st	atements for t	he most recer	it two y	ears.			
Assets	Liabi	ilities _			_	Net W	orth			
Liquid Assets						Liquid	Not Wo	orth		
Liquid Assets						Liquiu	ING! VVC	JI (11		
Annual Income										
Please complete banking information below (required	d).									
Commercial Bank Reference - Bank Name		Bank	Contact				Contact	t Phone Num	ber	
Bank Address		City		s	tate/Province	Zi	<u> </u> р		Country	
									-	
Name on Bank Account	ABA Ro	outing N	Number	L.		Accour	nt Numbe	er		

Authorized Individuals

(If non-owner or non-employee, please complete and attach managed paperwork.)

List all individuals authorized to trade for Account.If list exceeds 3, please provide this information separately.

Name					Relationship		
Primary Phone		Office	Home	Cell	Primary E-mail		
Name					Relationship		
Primary Phone		Office	Home	Cell	Primary E-mail		
Name					Relationship		
Primary Phone		Office	Home	Cell	Primary E-mail		
Yes No			_		-	rity to trade the Accours	nt?
Name			Prima	ary Phone		Office Home Cell	
Address							
City	Star	te / Province			Zip	Country	
☐ Yes ☐ No	Are any other Account listed If yes, please I	above?	counts	at Adv	antage controlle	ed by authorized tradei	rs of this
☐ Yes ☐ No		o have inv			s with a financia	al interest of 10% or mo ount?	ore in this
☐ Yes ☐ No	or beneficial o	wners hav			at Advantage in reater financial i	which Client or its con interest?	trolling persons
	If yes, please	liot					

☐ Yes	□No	Is Client (officers, directors or employees) registered with the Commodity Futures Trading Commission and/or a member of the National Futures Association? If registered, specify in what capacity
☐ Yes	□No	Is Client (officers, directors or employees) related to any person associated with or employed by Advantage Futures LLC? If yes, describe briefly
Yes	□No	Is Client (officers, directors or employees) affiliated with any brokerage firm, futures or securities exchange or regulatory agency? If yes, describe briefly
Yes	□No	Has Client (officers, directors or employees) now or ever been involved in litigation, arbitration, disputed accounts, unpaid debit balances or unresolved matters with futures or securities brokers or brokerage firms? If yes, describe briefly
Yes	□No	Has Client (officers, directors or employees) ever been subject to federal or state bankruptcy proceedings, receivership or similar proceeding (voluntary or involuntary)? If yes, describe briefly
Yes	□No	Does Client or its officers, directors or employees hold memberships on any Commodity or Securities Exchanges? If yes, please list

☐ Yes ☐ No	Does Client (officers, directors or employees) have previous experience in futures trading?
	If yes, number of years
☐ Yes ☐ No	Does Client (officers, directors or employees) have previous experience trading options on futures ?
	If yes, number of years
	Please list firms currently or previously used for futures, options on futures, or securities
Statement De	livery
I hereby acknowledg	e and consent that all confirmation of trades, statements of account and monthly
	ely "Account Statements") will be transmitted electronically. Account Statements should be
	han the next business day after a transaction has been effected. In event of a disruption in
•	age Futures LLC to transmit Account Statements by electronic means, Advantage Futures
<u> </u>	ht to transmit Account Statements by any means that it reasonably deems appropriate, e or regular mail. My consent will be deemed effective until further notice is given. This
	oked at any time by written notice to Compliance@AdvantageFutures.com.
_	and consent to electronic Account Statements delivery
E-mail to Send Accou	nt Statements
to (list all emails that a	apply):

Does your trading qualify as bona fide hedge transactions as defined under CFTC Rule 1.3?
Yes No If you replied yes, CFTC Rule 190.06(d) requires Advantage provide you the opportunity to specify, in the unlikely event of Advantage's bankruptcy, whether you prefer the trustee automatically liquidate open futures and options contracts held in your bona fide hedge account or the trustee to request instructions from you concerning your preferred disposition of open contracts by transfer or liquidation. Please check applicable box. If neither is checked, you will be deemed to have elected to have all positions liquidated. This instruction may be changed at any time by written notice to Advantage.
☐ Liquidate all open commodity contracts without first seeking instructions from or on behalf of Client. ☐ Attempt to obtain instructions with respect to the disposition of all commodity contracts.
Please Read and Acknowledge Below
Client fully understands trading in futures contracts, options on futures, foreign exchange transactions, trading physical or cash commodities, and exchange for physicals ("EFP"), or any other transaction Advantage Futures LLC ("Advantage") executes or clears on Client behalf involves volatile markets subject to sharp price fluctuations which may result in the loss of capital greater than the amount of capital contained in Client account. Client understands on certain trading days, trading may be halted to Client's financial disadvantage. Client affirms to be willing and financially able to assume the risks to which Client capital will be exposed. Client hereby authorizes Advantage at any time to make inquiries, including with banks or any credit agency, for purposes of verifying information contained in this Application or otherwise supplied to Advantage. Further, Client understands if Advantage discovers any adverse information that bears on credit worthiness or questions the legality, soundness or ethics of Client business dealings, Advantage may refuse to accept or continue to keep Client as a client.
THE UNDERSIGNED CLIENT REPRESENTS AND WARRANTS TO ADVANTAGE FUTURES LLC THE FOREGOING INFORMATION CONTAINED IN THIS CLIENT APPLICATION AND ANY INFORMATION SEPARATELY PROVIDED TO THE FIRM IS TRUE, CORRECT, ACCURATE, AND COMPLETE. CLIENT AGREES TO NOTIFY ADVANTAGE FUTURES LLC IN THE EVENT ANY INFORMATION CONTAINED IN THIS APPLICATION OR SEPARATELY PROVIDED HEREWITH CHANGES.
Name of Account
Signature Date
Name and Title - Please Print

Acknowledgement of Execution Services

As a courtesy for clients, Advantage Futures LLC ("Advantage") has made arrangements with one or more other registered FCMs ("Order-Taking FCM") to provide client access to a global 24-hour execution service. This service is operated by personnel from the Order-Taking FCM, not Advantage personnel. Because some electronic trading systems only accept orders that specify a limit price or do not accept contingent orders, and because the possibility of electronic trading system failures or unavailability, and Exchange actions beyond the Order-Taking FCM's control always exist, be advised all orders place with or submitted through, such global 24-hour execution service will be accepted only on a "not-held basis," meaning that neither Advantage nor the Order-Taking FCM assumes any liability for any failure of order entry, execution, or cancellation of an order or for any errors arising at, or related to, a 24-hour execution service, except error due to willful misconduct or gross negligence.

By signing below, you are confirming you have read, understand a	and accept the above.
Name of Account	
Signature	Date
Name and Title - Please Print	
Authorization to Transfer Funds	
Advantage Futures LLC ("Advantage") is authorized and directed, Client, to transfer from one account of Client to another account of regulated and non-regulated accounts) such excess funds, equitie judgement may be required for margin, or to reduce any debit bala provided such transfer is not in conflict with the Commodity Excha Notices of all transfers of funds made pursuant hereto shall be pro-	Client carried by Advantage (including transfers between s, securities or other property as in Advantage's note or to reduce or satisfy any deficits in such accounts, nge Act or other regulations promulgated there under.
By signing below, you are confirming you have read, understand a	nd accept the above.
Name of Account	
Signature	Date
Name and Title - Please Print	
Consent to Take the Other Side of an Orde	er
Client hereby agrees that without prior notice from Advantage Future or buys orders on Client's behalf, Advantage, its directors, officers buy or sell for an account in which any such person has a direct or conditions, if any, contained in the by-laws, rules or regulations of sell orders are executed, and subject to the limitations and conditional lawfully promulgated by the Commodities Futures Trading Committees.	, employees, agents, affiliates, and any floor broker may rindirect interest, subject to the limitations and the exchange or board of trade upon which such buy or ions, if any, contained in any applicable regulations
By signing below, you are confirming you have read, understand a	and accept the above.
Name of Account	
Signature	Date
Name and Title - Please Print	



APPOINTMENT AS AGENT

(NON U.S. CLIENTS ONLY)

The Commodity Futures Trading Commission (the "CFTC") requires each futures commission merchant to notify foreign traders of certain services of process and notice requirements under the CFTC's regulations. As required by these regulations, unless the undersigned Client has made arrangements with another person domiciled in the United States to act as it agent for the CFTC communications, Advantage Futures LLC will be deemed to be Client's agent for purposes of accepting delivery and service of any communication issued by or on behalf of the CFTC regarding Client's account carried by Advantage Futures LLC. "Communications" means any summons, compliant order, subpoena, special call, request for information or notice, as well as any other written document or correspondence.

If Client has made arrangements with another person domiciled in the United States to act as its agent with respect to such communications, please so indicate below. In addition, please attach a copy of any such agency agreement (Advantage Futures LLC is required by the CFTC to obtain a copy of said agreement). If no arrangements have been made, please also indicate below.

☐ Client has not made arrangements re	garding CFTC communications.
Client has made arrangements rega	rding CFTC communications and has attached a copy of the agency
Name of Agent	
Name of Account	
Signature	Date
Name & Title of Authorized Individual -	Please Print

Rev 08/08/2017 Advantage Futures

Form W-8BEN-E

(Rev. July 2017)
Department of the Treasury
Internal Revenue Service

Certificate of Status of Beneficial Owner for United States Tax Withholding and Reporting (Entities)

For use by entities. Individuals must use Form W-8BEN. ► Section references are to the Internal Revenue Code.
 For to www.irs.gov/FormW8BENE for instructions and the latest information.
 For this form to the withholding agent or payer. Do not send to the IRS.

OMB No. 1545-1621

Do NOT use this form for: Instead use Form: • A foreign individual or entity claiming that income is effectively connected with the conduct of trade or business within the U.S. (unless claiming treaty benefits) W-8ECI • A foreign partnership, a foreign simple trust, or a foreign grantor trust (unless claiming treaty benefits) (see instructions for exceptions) . . W-8IMY • A foreign government, international organization, foreign central bank of issue, foreign tax-exempt organization, foreign private foundation, or government of a U.S. possession claiming that income is effectively connected U.S. income or that is claiming the applicability of section(s) 115(2), Part I Identification of Beneficial Owner Name of organization that is the beneficial owner 2 Country of incorporation or organization Name of disregarded entity receiving the payment (if applicable, see instructions) Partnership Chapter 3 Status (entity type) (Must check one box only): Corporation Disregarded entity ☐ Grantor trust Simple trust Complex trust Estate ☐ Government Central Bank of Issue Tax-exempt organization ☐ Private foundation ☐ International organization If you entered disregarded entity, partnership, simple trust, or grantor trust above, is the entity a hybrid making a treaty claim? If "Yes" complete Part III. ☐ No ___ Yes Chapter 4 Status (FATCA status) (See instructions for details and complete the certification below for the entity's applicable status.) ☐ Nonparticipating FFI (including an FFI related to a Reporting IGA Nonreporting IGA FFI. Complete Part XII. FFI other than a deemed-compliant FFI, participating FFI, or Foreign government, government of a U.S. possession, or foreign exempt beneficial owner). central bank of issue. Complete Part XIII. Participating FFI. ☐ International organization. Complete Part XIV. Reporting Model 1 FFI. Exempt retirement plans. Complete Part XV. Reporting Model 2 FFI. ☐ Entity wholly owned by exempt beneficial owners. Complete Part XVI. Registered deemed-compliant FFI (other than a reporting Model 1 Territory financial institution. Complete Part XVII. FFI, sponsored FFI, or nonreporting IGA FFI covered in Part XII). □ Excepted nonfinancial group entity. Complete Part XVIII. See instructions. Excepted nonfinancial start-up company. Complete Part XIX. Excepted nonfinancial entity in liquidation or bankruptcy. ☐ Sponsored FFI. Complete Part IV. Complete Part XX. Certified deemed-compliant nonregistering local bank. Complete 501(c) organization. Complete Part XXI. Certified deemed-compliant FFI with only low-value accounts. Nonprofit organization, Complete Part XXII. Complete Part VI. ☐ Publicly traded NFFE or NFFE affiliate of a publicly traded Certified deemed-compliant sponsored, closely held investment corporation. Complete Part XXIII. vehicle. Complete Part VII. Excepted territory NFFE. Complete Part XXIV. Certified deemed-compliant limited life debt investment entity. ☐ Active NFFE. Complete Part XXV. Complete Part VIII. Passive NFFE, Complete Part XXVI. Certain investment entities that do not maintain financial accounts. Excepted inter-affiliate FFI. Complete Part XXVII. Complete Part IX. Direct reporting NFFE. Owner-documented FFI. Complete Part X. ☐ Sponsored direct reporting NFFE. Complete Part XXVIII. Restricted distributor. Complete Part XI. Account that is not a financial account. Permanent residence address (street, apt. or suite no., or rural route). Do not use a P.O. box or in-care-of address (other than a registered address). City or town, state or province. Include postal code where appropriate. Country Mailing address (if different from above) City or town, state or province. Include postal code where appropriate. Country 9a GIIN **b** Foreign TIN U.S. taxpayer identification number (TIN), if required Reference number(s) (see instructions) Note: Please complete remainder of the form including signing the form in Part XXX.

Cat. No. 59689N

orm V	V-8BEN-E (Rev. 7-2017) Page 2
Par	Disregarded Entity or Branch Receiving Payment. (Complete only if a disregarded entity with a GIIN or a branch of an FFI in a country other than the FFI's country of residence. See instructions.)
11	Chapter 4 Status (FATCA status) of disregarded entity or branch receiving payment
	☐ Branch treated as nonparticipating FFI. ☐ Reporting Model 1 FFI. ☐ U.S. Branch.
	☐ Participating FFI. ☐ Reporting Model 2 FFI.
12	Address of disregarded entity or branch (street, apt. or suite no., or rural route). Do not use a P.O. box or in-care-of address (other than a
	registered address).
	City or town, state or province. Include postal code where appropriate.
	Country
13	GIIN (if any)
Par	Claim of Tax Treaty Benefits (if applicable). (For chapter 3 purposes only.)
14	I certify that (check all that apply):
а	☐ The beneficial owner is a resident ofwithin the meaning of the income tax
	treaty between the United States and that country.
b	☐ The beneficial owner derives the item (or items) of income for which the treaty benefits are claimed, and, if applicable, meets the
	requirements of the treaty provision dealing with limitation on benefits. The following are types of limitation on benefits provisions that may be included in an applicable tax treaty (check only one; see instructions):
	Government Company that meets the ownership and base erosion test
	☐ Tax exempt pension trust or pension fund ☐ Company that meets the derivative benefits test
	☐ Other tax exempt organization ☐ Company with an item of income that meets active trade or business test
	☐ Publicly traded corporation ☐ Favorable discretionary determination by the U.S. competent authority received
	Subsidiary of a publicly traded corporation Other (specify Article and paragraph): The beautiful and paragraph):
С	The beneficial owner is claiming treaty benefits for U.S. source dividends received from a foreign corporation or interest from a U.S. trade or business of a foreign corporation and meets qualified resident status (see instructions).
15	Special rates and conditions (if applicable—see instructions):
13	The beneficial owner is claiming the provisions of Article and paragraph
	of the treaty identified on line 14a above to claim a wrate of withholding on (specify type of income):
	Explain the additional conditions in the Article the beneficial owner meets to be eligible for the rate of withholding:
	Explain the additional conditions in the 74thole the beneficial owner meets to be digible for the rate of withholding.
Par	t IV Sponsored FFI
16	Name of sponsoring entity:
17	Check whichever box applies.
	☐ I certify that the entity identified in Part I:
	• Is an investment entity;
	 Is not a QI, WP (except to the extent permitted in the withholding foreign partnership agreement), or WT; and
	Has agreed with the entity identified above (that is not a nonparticipating FFI) to act as the sponsoring entity for this entity.
	☐ I certify that the entity identified in Part I:
	Is a controlled foreign corporation as defined in section 957(a);
	• Is not a QI, WP, or WT;
	• Is wholly owned, directly or indirectly, by the U.S. financial institution identified above that agrees to act as the sponsoring entity for this entity; and
	• Shares a common electronic account system with the sponsoring entity (identified above) that enables the sponsoring entity to identify all
	account holders and payees of the entity and to access all account and customer information maintained by the entity including, but not
	limited to, customer identification information, customer documentation, account balance, and all payments made to account holders or
	payees.

Form W-8BEN-E (Rev. 7-2017) Page 3 Part V Certified Deemed-Compliant Nonregistering Local Bank I certify that the FFI identified in Part I: 18 · Operates and is licensed solely as a bank or credit union (or similar cooperative credit organization operated without profit) in its country of incorporation or organization: · Engages primarily in the business of receiving deposits from and making loans to, with respect to a bank, retail customers unrelated to such bank and, with respect to a credit union or similar cooperative credit organization, members, provided that no member has a greater than 5% interest in such credit union or cooperative credit organization: Does not solicit account holders outside its country of organization; Has no fixed place of business outside such country (for this purpose, a fixed place of business does not include a location that is not advertised to the public and from which the FFI performs solely administrative support functions); Has no more than \$175 million in assets on its balance sheet and, if it is a member of an expanded affiliated group, the group has no more than \$500 million in total assets on its consolidated or combined balance sheets; and • Does not have any member of its expanded affiliated group that is a foreign financial institution, other than a foreign financial institution that is incorporated or organized in the same country as the FFI identified in Part I and that meets the requirements set forth in this part. Certified Deemed-Compliant FFI with Only Low-Value Accounts Part VI 19 I certify that the FFI identified in Part I: · Is not engaged primarily in the business of investing, reinvesting, or trading in securities, partnership interests, commodities, notional principal contracts, insurance or annuity contracts, or any interest (including a futures or forward contract or option) in such security, partnership interest, commodity, notional principal contract, insurance contract or annuity contract; · No financial account maintained by the FFI or any member of its expanded affiliated group, if any, has a balance or value in excess of \$50,000 (as determined after applying applicable account aggregation rules); and Neither the FFI nor the entire expanded affiliated group, if any, of the FFI, have more than \$50 million in assets on its consolidated or combined balance sheet as of the end of its most recent accounting year. Part VII Certified Deemed-Compliant Sponsored, Closely Held Investment Vehicle 20 Name of sponsoring entity: 21 I certify that the entity identified in Part I: • Is an FFI solely because it is an investment entity described in Regulations section 1.1471-5(e)(4); Is not a QI, WP, or WT; • Will have all of its due diligence, withholding, and reporting responsibilities (determined as if the FFI were a participating FFI) fulfilled by the sponsoring entity identified on line 20; and • 20 or fewer individuals own all of the debt and equity interests in the entity (disregarding debt interests owned by U.S. financial institutions, participating FFIs, registered deemed-compliant FFIs, and certified deemed-compliant FFIs and equity interests owned by an entity if that entity owns 100% of the equity interests in the FFI and is itself a sponsored FFI). Part VIII Certified Deemed-Compliant Limited Life Debt Investment Entity I certify that the entity identified in Part I: 22 • Was in existence as of January 17, 2013; • Issued all classes of its debt or equity interests to investors on or before January 17, 2013, pursuant to a trust indenture or similar agreement; and Is certified deemed-compliant because it satisfies the requirements to be treated as a limited life debt investment entity (such as the restrictions with respect to its assets and other requirements under Regulations section 1.1471-5(f)(2)(iv)). Part IX Certain Investment Entities that Do Not Maintain Financial Accounts

- - Is a financial institution solely because it is an investment entity described in Regulations section 1.1471-5(e)(4)(i)(A), and
 - · Does not maintain financial accounts.

Part X Owner-Documented FFI

Note: This status only applies if the U.S. financial institution, participating FFI, or reporting Model 1 FFI to which this form is given has agreed that it will treat the FFI as an owner-documented FFI (see instructions for eligibility requirements). In addition, the FFI must make the certifications below.

- 24a (All owner-documented FFIs check here) I certify that the FFI identified in Part I:
 - Does not act as an intermediary;
 - Does not accept deposits in the ordinary course of a banking or similar business;
 - Does not hold, as a substantial portion of its business, financial assets for the account of others;
 - Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account;
 - Is not owned by or in an expanded affiliated group with an entity that accepts deposits in the ordinary course of a banking or similar business, holds, as a substantial portion of its business, financial assets for the account of others, or is an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account;
 - Does not maintain a financial account for any nonparticipating FFI; and
 - Does not have any specified U.S. persons that own an equity interest or debt interest (other than a debt interest that is not a financial account or that has a balance or value not exceeding \$50,000) in the FFI other than those identified on the FFI owner reporting statement.

X		Owner-Documented FFI (continued)
box	24b	or 24c, whichever applies.
	l cer	tify that the FFI identified in Part I:
• H	las pro	ovided, or will provide, an FFI owner reporting statement that contains:
	΄ (The name, address, TIN (if any), chapter 4 status, and type of documentation provided (if required) of every individual and specified J.S. person that owns a direct or indirect equity interest in the owner-documented FFI (looking through all entities other than specified J.S. persons);
	t	The name, address, TIN (if any), and chapter 4 status of every individual and specified U.S. person that owns a debt interest in the owner-documented FFI (including any indirect debt interest, which includes debt interests in any entity that directly or indirectly owns the payee or any direct or indirect equity interest in a debt holder of the payee) that constitutes a financial account in excess of \$50,000 (disregarding all such debt interests owned by participating FFIs, registered deemed-compliant FFIs, certified deemed-compliant FFIs, excepted NFFEs, exempt beneficial owners, or U.S. persons other than specified U.S. persons); and
	(iii) A	Any additional information the withholding agent requests in order to fulfill its obligations with respect to the entity.
		rovided, or will provide, valid documentation meeting the requirements of Regulations section 1.1471-3(d)(6)(iii) for each person I in the FFI owner reporting statement.
	from revie and	tify that the FFI identified in Part I has provided, or will provide, an auditor's letter, signed within 4 years of the date of payment, an independent accounting firm or legal representative with a location in the United States stating that the firm or representative has used the FFI's documentation with respect to all of its owners and debt holders identified in Regulations section 1.1471-3(d)(6)(iv)(A)(2) that the FFI meets all the requirements to be an owner-documented FFI. The FFI identified in Part I has also provided, or will provide FI owner reporting statement of its owners that are specified U.S. persons and Form(s) W-9, with applicable waivers.
box	24d i	if applicable (optional, see instructions).
		tify that the entity identified on line 1 is a trust that does not have any contingent beneficiaries or designated classes with unidentified efficiaries.
X	F	Restricted Distributor
	(All r	restricted distributors check here) I certify that the entity identified in Part I:
• C	perat	tes as a distributor with respect to debt or equity interests of the restricted fund with respect to which this form is furnished;
• P	rovide	es investment services to at least 30 customers unrelated to each other and less than half of its customers are related to each other;
	•	ired to perform AML due diligence procedures under the anti-money laundering laws of its country of organization (which is an FATF- nt jurisdiction);
		tes solely in its country of incorporation or organization, has no fixed place of business outside of that country, and has the same of incorporation or organization as all members of its affiliated group, if any;
• D	oes n	not solicit customers outside its country of incorporation or organization;
		more than \$175 million in total assets under management and no more than \$7 million in gross revenue on its income statement for recent accounting year;
		member of an expanded affiliated group that has more than \$500 million in total assets under management or more than \$20 million revenue for its most recent accounting year on a combined or consolidated income statement; and
		not distribute any debt or securities of the restricted fund to specified U.S. persons, passive NFFEs with one or more substantial U.S. or nonparticipating FFIs.
box	25b	or 25c, whichever applies.
	•	at with respect to all sales of debt or equity interests in the restricted fund with respect to which this form is furnished that are made 31, 2011, the entity identified in Part I:
	resid	been bound by a distribution agreement that contained a general prohibition on the sale of debt or securities to U.S. entities and U.S lent individuals and is currently bound by a distribution agreement that contains a prohibition of the sale of debt or securities to an ified U.S. person, passive NFFE with one or more substantial U.S. owners, or nonparticipating FFI.
	pass restri ident fund	urrently bound by a distribution agreement that contains a prohibition on the sale of debt or securities to any specified U.S. person live NFFE with one or more substantial U.S. owners, or nonparticipating FFI and, for all sales made prior to the time that such a liction was included in its distribution agreement, has reviewed all accounts related to such sales in accordance with the procedures tified in Regulations section 1.1471-4(c) applicable to preexisting accounts and has redeemed or retired any, or caused the restricted to transfer the securities to a distributor that is a participating FFI or reporting Model 1 FFI securities which were sold to specified U.S. ons, passive NFFEs with one or more substantial U.S. owners, or nonparticipating FFIs.
	box box box con con line in con box con box con box con con box r cen	box 24b I cer Has pridentified (iii) Has pridentified and an F box 24d I cer from revie and an F box 24d I cer send an F box 24d I cer send an F box 24d I cer send an F box 25d I cer send an F I cer send an F box 25d I cer send an F I cer s

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Part	XII	Nonreporting IGA FFI
26	□lce	rtify that the entity identified in Part I:
	Meets	s the requirements to be considered a nonreporting financial institution pursuant to an applicable IGA between the United States and
		. The applicable IGA is a \square Model 1 IGA or a \square Model 2 IGA; and
	is treat	ed as aunder the provisions of the applicable IGA or Treasury regulations
		cable, see instructions);
	•	are a trustee documented trust or a sponsored entity, provide the name of the trustee or sponsor
	The tru	stee is: U.S. Foreign
Dowl.	VIII	Foreign Covernment Covernment of a U.S. Decession on Foreign Control Bonk of leave
Part		Foreign Government, Government of a U.S. Possession, or Foreign Central Bank of Issue
27	type	rtify that the entity identified in Part I is the beneficial owner of the payment, and is not engaged in commercial financial activities of a engaged in by an insurance company, custodial institution, or depository institution with respect to the payments, accounts, or gations for which this form is submitted (except as permitted in Regulations section 1.1471-6(h)(2)).
Part	XIV	International Organization
heck	box 28a	a or 28b, whichever applies.
28a	□lce	rtify that the entity identified in Part I is an international organization described in section 7701(a)(18).
b	□lce	rtify that the entity identified in Part I:
		mprised primarily of foreign governments;
		cognized as an intergovernmental or supranational organization under a foreign law similar to the International Organizations Immunities hat has in effect a headquarters agreement with a foreign government;
	• The b	penefit of the entity's income does not inure to any private person; and
		beneficial owner of the payment and is not engaged in commercial financial activities of a type engaged in by an insurance company,
		al institution, or depository institution with respect to the payments, accounts, or obligations for which this form is submitted (except as ed in Regulations section 1.1471-6(h)(2)).
Part	XV	Exempt Retirement Plans
heck	box 29	a, b, c, d, e, or f, whichever applies.
29a	□lce	rtify that the entity identified in Part 1:
	Is est	ablished in a country with which the United States has an income tax treaty in force (see Part III if claiming treaty benefits);
	• Is ope	erated principally to administer or provide pension or retirement benefits; and
		itled to treaty benefits on income that the fund derives from U.S. sources (or would be entitled to benefits if it derived any such income) sident of the other country which satisfies any applicable limitation on benefits requirement.
b	□lce	rtify that the entity identified in Part I:
		ganized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are former ees of one or more employers in consideration for services rendered;
	• No si	ngle beneficiary has a right to more than 5% of the FFI's assets;
		bject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the right in which the fund is established or operated; and
	(i)	Is generally exempt from tax on investment income under the laws of the country in which it is established or operates due to its status as a retirement or pension plan;
	(ii)	Receives at least 50% of its total contributions from sponsoring employers (disregarding transfers of assets from other plans described
	,	in this part, retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, other retirement funds described in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A));
	(iii)	Either does not permit or penalizes distributions or withdrawals made before the occurrence of specified events related to retirement, disability, or death (except rollover distributions to accounts described in Regulations section 1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts), to retirement and pension accounts described in an applicable Model 1 or Model 2 IGA, or to other retirement funds described in this part or in an applicable Model 1 or Model 2 IGA); or
	(iv)	Limits contributions by employees to the fund by reference to earned income of the employee or may not exceed \$50,000 annually.
С	_	rtify that the entity identified in Part I:
		ganized for the provision of retirement, disability, or death benefits (or any combination thereof) to beneficiaries that are former rees of one or more employers in consideration for services rendered;
		ewer than 50 participants;
		onsored by one or more employers each of which is not an investment entity or passive NFFE;
	• Empl	oyee and employer contributions to the fund (disregarding transfers of assets from other plans described in this part, retirement and accounts described in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A)) are by reference to earned income and compensation of the employee, respectively;
		cipants that are not residents of the country in which the fund is established or operated are not entitled to more than 20% of the fund's assets; and

• Is subject to government regulation and provides annual information reporting about its beneficiaries to the relevant tax authorities in the

country in which the fund is established or operates.

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art	
d	I certify that the entity identified in Part I is formed pursuant to a pension plan that would meet the requirements of section 401(a), other
	than the requirement that the plan be funded by a trust created or organized in the United States.
е	☐ I certify that the entity identified in Part I is established exclusively to earn income for the benefit of one or more retirement funds
	described in this part or in an applicable Model 1 or Model 2 IGA, or accounts described in Regulations section 1.1471-5(b)(2)(i)(A) (referring to retirement and pension accounts), or retirement and pension accounts described in an applicable Model 1 or Model 2 IGA.
f	☐ I certify that the entity identified in Part I:
	• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possessio (each as defined in Regulations section 1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are current or former employees of the sponsor (or person designated by such employees); or
	• Is established and sponsored by a foreign government, international organization, central bank of issue, or government of a U.S. possessio (each as defined in Regulations section 1.1471-6) or an exempt beneficial owner described in an applicable Model 1 or Model 2 IGA to provide retirement, disability, or death benefits to beneficiaries or participants that are not current or former employees of such sponsor, but are inconsideration of personal services performed for the sponsor.
art	XVI Entity Wholly Owned by Exempt Beneficial Owners
30	I certify that the entity identified in Part I:
	• Is an FFI solely because it is an investment entity;
	• Each direct holder of an equity interest in the investment entity is an exempt beneficial owner described in Regulations section 1.1471-6 or in an applicable Model 1 or Model 2 IGA;
	• Each direct holder of a debt interest in the investment entity is either a depository institution (with respect to a loan made to such entity) or a exempt beneficial owner described in Regulations section 1.1471-6 or an applicable Model 1 or Model 2 IGA.
	• Has provided an owner reporting statement that contains the name, address, TIN (if any), chapter 4 status, and a description of the type of documentation provided to the withholding agent for every person that owns a debt interest constituting a financial account or direct equit interest in the entity; and
	• Has provided documentation establishing that every owner of the entity is an entity described in Regulations section 1.1471-6(b), (c), (d), (e) (f) and/or (g) without regard to whether such owners are beneficial owners.
Part	XVII Territory Financial Institution
31	☐ I certify that the entity identified in Part I is a financial institution (other than an investment entity) that is incorporated or organized under the laws of a possession of the United States.
art:	XVIII Excepted Nonfinancial Group Entity
32	☐ I certify that the entity identified in Part I:
	• Is a holding company, treasury center, or captive finance company and substantially all of the entity's activities are functions described in Regulations section 1.1471-5(e)(5)(i)(C) through (E);
	• Is a member of a nonfinancial group described in Regulations section 1.1471-5(e)(5)(i)(B);
	• Is not a depository or custodial institution (other than for members of the entity's expanded affiliated group); and
	• Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or an investment vehicle with an investment strategy to acquire or fund companies and then hold interests in those companies as capital assets for investment purposes.
art	XIX Excepted Nonfinancial Start-Up Company
33	☐ I certify that the entity identified in Part I:
	Was formed on (or, in the case of a new line of business, the date of board resolution approving the new line of business)
	(date must be less than 24 months prior to date of payment);
	• Is not yet operating a business and has no prior operating history or is investing capital in assets with the intent to operate a new line of business other than that of a financial institution or passive NFFE;
	• Is investing capital into assets with the intent to operate a business other than that of a financial institution; and
	• Does not function (or hold itself out) as an investment fund, such as a private equity fund, venture capital fund, leveraged buyout fund, or any investment vehicle whose purpose is to acquire or fund companies and then hold interests in those companies as capital assets for investment purposes
Part	
34	I certify that the entity identified in Part I:
	• Filed a plan of liquidation, filed a plan of reorganization, or filed for bankruptcy on;
	 During the past 5 years has not been engaged in business as a financial institution or acted as a passive NFFE; Is either liquidating or emerging from a reorganization or bankruptcy with the intent to continue or recommence operations as a nonfinancial entity; and
	 Has, or will provide, documentary evidence such as a bankruptcy filing or other public documentation that supports its claim if it remains in bankruptcy or liquidation for more than 3 years.

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Part	XXI 501(c) Organization
35	☐ I certify that the entity identified in Part I is a 501(c) organization that:
	• Has been issued a determination letter from the IRS that is currently in effect concluding that the payee is a section 501(c) organization that is dated; or
	• Has provided a copy of an opinion from U.S. counsel certifying that the payee is a section 501(c) organization (without regard to whether the payee is a foreign private foundation).
Part :	XXII Nonprofit Organization
36	I certify that the entity identified in Part I is a nonprofit organization that meets the following requirements.
	• The entity is established and maintained in its country of residence exclusively for religious, charitable, scientific, artistic, cultural or educational purpose
	The entity is exempt from income tax in its country of residence;
	• The entity has no shareholders or members who have a proprietary or beneficial interest in its income or assets;
	• Neither the applicable laws of the entity's country of residence nor the entity's formation documents permit any income or assets of the entity to be distributed to, or applied for the benefit of, a private person or noncharitable entity other than pursuant to the conduct of the entity's charitable activities or as payment of reasonable compensation for services rendered or payment representing the fair market value of property which the entity has purchased; and
	• The applicable laws of the entity's country of residence or the entity's formation documents require that, upon the entity's liquidation or dissolution, all of its assets be distributed to an entity that is a foreign government, an integral part of a foreign government, a controlled entity of a foreign government, or another organization that is described in this part or escheats to the government of the entity's country of residence or any political subdivision thereof.
Part 2	XXIII Publicly Traded NFFE or NFFE Affiliate of a Publicly Traded Corporation
Check	box 37a or 37b, whichever applies.
37a	☐ I certify that:
	• The entity identified in Part I is a foreign corporation that is not a financial institution; and
	• The stock of such corporation is regularly traded on one or more established securities markets, including (name one securities exchange upon which the stock is regularly traded).
b	☐ I certify that:
	 The entity identified in Part I is a foreign corporation that is not a financial institution; The entity identified in Part I is a member of the same expanded affiliated group as an entity the stock of which is regularly traded on an established securities market;
	• The name of the entity, the stock of which is regularly traded on an established securities market, is; and
	The name of the securities market on which the stock is regularly traded is
Part 2	XXIV Excepted Territory NFFE
38	☐ I certify that:
	• The entity identified in Part I is an entity that is organized in a possession of the United States;
	• The entity identified in Part I:
	(i) Does not accept deposits in the ordinary course of a banking or similar business;
	(ii) Does not hold, as a substantial portion of its business, financial assets for the account of others; or
	(iii) Is not an insurance company (or the holding company of an insurance company) that issues or is obligated to make payments with respect to a financial account; and
	• All of the owners of the entity identified in Part I are bona fide residents of the possession in which the NFFE is organized or incorporated.
Part 2	
39	☐ I certify that:
	• The entity identified in Part I is a foreign entity that is not a financial institution;
	• Less than 50% of such entity's gross income for the preceding calendar year is passive income; and
	• Less than 50% of the assets held by such entity are assets that produce or are held for the production of passive income (calculated as a weighted average of the percentage of passive assets measured quarterly) (see instructions for the definition of passive income).
Part 2	
40a	I certify that the entity identified in Part I is a foreign entity that is not a financial institution (other than an investment entity organized in a possession of the United States) and is not certifying its status as a publicly traded NFFE (or affiliate), excepted territory NFFE, active NFFE, direct reporting NFFE, or sponsored direct reporting NFFE.
Check	box 40b or 40c, whichever applies.
b	☐ I further certify that the entity identified in Part I has no substantial U.S. owners (or, if applicable, no controlling U.S. persons); or
С	I further certify that the entity identified in Part I has provided the name, address, and TIN of each substantial U.S. owner (or, if applicable, controlling U.S. person) of the NFFE in Part XXIX.

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Part .	XXVII Excepted Inter-Affilia	ate FFI						
41	I certify that the entity identified	ed in Part I:						
	Is a member of an expanded affiliated group;							
	 Does not maintain financial accounts (other than accounts maintained for members of its expanded affiliated group); Does not make withholdable payments to any person other than to members of its expanded affiliated group; 							
	• Does not hold an account (other than depository accounts in the country in which the entity is operating to pay for expenses) with or receive payments from any withholding agent other than a member of its expanded affiliated group; and							
	Has not agreed to report under Reinstitution, including a member of its state.	egulations section 1.1471-4(d)(2)(ii)(C) or other its expanded affiliated group.	wise act as an agent for chapter 4 purpo	ses on behalf of any financial				
Part 2	XXVIII Sponsored Direct R	eporting NFFE (see instructions for	when this is permitted)					
42	Name of sponsoring entity:							
43 Part	I certify that the entity identified XXIX Substantial U.S. Own	ed in Part I is a direct reporting NFFE that is s ners of Passive NFFE	ponsored by the entity identified on lin	e 42.				
As req	uired by Part XXVI, provide the nan	ne, address, and TIN of each substantial U.S. m to an FFI treated as a reporting Model 1 FF						
	Name	Addre	ess	TIN				
			_					
Part	XXX Certification							
	penalties of perjury, I declare that I have under penalties of perjury that:	examined the information on this form and to the bes	st of my knowledge and belief it is true, corr	rect, and complete. I further				
·	The entity identified on line 1 of this	form is the beneficial owner of all the income to whic this form for purposes of section 6050W;	th this form relates, is using this form to cert	ify its status for chapter 4				
	The entity identified on line 1 of this is							
		s is: (a) not effectively connected with the conduct of treaty, or (c) the partner's share of a partnership's ef	, ,	o) effectively connected but is				
	For broker transactions or barter exc	hanges, the beneficial owner is an exempt foreign p	erson as defined in the instructions.					
Further	more, I authorize this form to be provided	d to any withholding agent that has control, receipt, c	or custody of the income of which the entity	on line 1 is the beneficial				
		e or make payments of the income of which the entil days if any certification on this form becomes i						
C!~	Have A							
Sign	/	I authorized to sign for beneficial owner	Print Name	Date (MM-DD-YYYY)				
	Logrify that I have	e the capacity to sign for the entity identifie	ad on line 1 of this form	,				
	i certify that I flave	, the capacity to sign for the entity identifie						
			Earn	W-8RFN-F (Pay 7 2017)				



SOURCE OF FUNDS

Can you please confirm the source of funds for this account?
Are all funds proprietary? ☐ Yes ☐ No If no, please clarify:
Are there any outside investors?
Name of Account
Signature
Name & Title of Authorized Individual - Please Print
Date

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PARTNERSHIP CERTIFICATION & AUTHORIZATION

FOR PARTNERSHIP ACCOUNTS ONLY

(ge "Pa HE am cor pos Cor	e undersigned general partner(s) of
- Nie	ame Name
INC	ame Name
Na	ame Name
Par Iimi	ing alone hereby are authorized to act for the Partnership in every respect concerning the the thereby is account(s) with Advantage; the authority hereby granted including, without itation, the authority to do any or all of the following acts or actions necessary in connection in the account(s) and the Commodity Contract transactions effected therein:
(a)	To open one or more accounts in the name of the Partnership with Advantage for the purpose of trading in Commodity Contracts, and to execute in the name of the Partnership and execute and deliver to Advantage any and all agreements, documents, instruments or notices necessary to the opening, maintenance and/or trading of such account(s);
(b)	To buy, sell and trade and agree to buy, sell and trade Commodity Contracts, on margin or otherwise, which power shall include the power to sell "short";
(c)	To receive and promptly comply with any request or demand for additional margin, any notice of intention to liquidate, and any notice or demand of any other nature;
(d)	To borrow funds from Advantage (on a secured basis) or its affiliates to finance any Commodity Contract transactions effected through or with Advantage; and

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(e) To take such other actions as may be necessary or desirable to carry out the intent of the foregoing and the satisfaction of each and every obligation of the Partnership in connection

with the account and the Commodity Contract transactions effected therein.

Advantage is directed to send all written confirmations of all Commodity Contract transactions effected for the Partnership and carried in the account(s) and all statements of account of the Partnership with Advantage and other pertinent documents and records to (Name and Title of Partner or Agent) who is not authorized to trade with Advantage but hereby is authorized to receive and acquiesce in the correctness of such confirmations, statements, and other records and documents. In consideration of Advantage maintaining the account(s) of the Partnership the undersigned agrees that: (1) The undersigned is/are jointly and severally liable to Advantage for any and all obligations arising out of transactions in or relating to the account(s) of the Partnership with Advantage. (2) If there is any change in this Authorization or if any of the general partners withdraw from the Partnership, die or are judicially declared incompetent, the undersigned will notify Advantage in writing immediately. Until Advantage has actually received such written notice, Advantage shall be entitled to act in reliance on this Authorization. The Partnership will indemnify Advantage and hold Advantage harmless from and against any loss suffered or liability incurred in continuing to act in reliance on this Authorization prior to Advantage's actual receipt of such written notice. Any and all past transactions between the Partnership and Advantage of the kind provided for by this Authorization are hereby ratified, approved and confirmed in all respects. Dated this day of , 20 . General Partners: (EVERY GENERAL PARTNER MUST SIGN) Name, Please Print Signature Signature Name, Please Print Signature Name, Please Print Signature Name, Please Print Name, Please Print Signature Signature Name, Please Print

(Please provide a copy of the Partnership Agreement)

Signature

Signature

Name, Please Print

Name, Please Print

APPENDIX A TO § 1010.230 Certification Regarding Beneficial Owners Of Legal Entity Customers

I. GENERAL INSTRUCTIONS

What is this form?

To help the government fight financial crime, Federal regulation requires certain financial institutions to obtain, verify, and record information about the beneficial owners of legal entity customers. Legal entities can be abused to disguise involvement in terrorist financing, money laundering, tax evasion, corruption, fraud, and other financial crimes. Requiring the disclosure of key individuals who own or control a legal entity (i.e., the beneficial owners) helps law enforcement investigate and prosecute these crimes.

Who has to complete this form?

This form must be completed by the person opening a new account on behalf of a legal entity with any of the following U.S. financial institutions: (i) a bank or credit union; (ii) a broker or dealer in securities; (iii) a mutual fund; (iv) a futures commission merchant; or (v) an introducing broker in commodities.

For the purposes of this form, a legal entity includes a corporation, limited liability company, or other entity that is created by a filing of a public document with a Secretary of State or similar office, a general partnership, and any similar business entity formed in the United States or a foreign country. Legal entity does not include sole proprietorships, unincorporated associations, or natural persons opening accounts on their own behalf.

What information do I have to provide?

This form requires you to provide the name, address, date of birth and Social Security number (or passport number or other similar information, in the case of foreign persons) for the following individuals (i.e., the beneficial owners):

- (i) Each individual, if any, who owns, directly or indirectly, 25 percent or more of the equity interests of the legal entity customer (e.g., each natural person that owns 25 percent or more of the shares of a corporation); and
- (ii) An individual with significant responsibility for managing the legal entity customer (e.g., a Chief Executive Officer, Chief Financial Officer, Chief Operating Officer, Managing Member, General Partner, President, Vice President, or Treasurer).

The number of individuals that satisfy this definition of "beneficial owner" may vary. Under section (i), depending on the factual circumstances, up to four individuals (but as few as zero) may need to be identified. Regardless of the number of individuals identified under section (i), you must provide the identifying information of one individual under section (ii). It is possible that in some circumstances the same individual might be identified under both sections (e.g., the President of Acme, Inc. who also holds a 30 percent equity interest). Thus, a completed form will contain the identifying information of at least one individual (under section (ii)), and up to five individuals (i.e., one individual under section (ii) and four 25 percent equity holders under section (i)). The financial institution may also ask to see a copy of a driver's license or other identifying document for each beneficial owner listed on this form.

II. CERTIFICATION OF BENEFICIAL OWNER(S)

Persons opening an account on behalf of a legal entity must provide the following information:

a. Name and Title of Natural Person Opening Account:
b. Name and Address of Legal Entity for Which the Account is Being Opened:

c. The following information for each individual, if any, who, directly or indirectly, through any contract, arrangement, understanding, relationship or otherwise, owns 25 percent or more of the equity interests of the legal entity listed above:

Name	Date of Birth	Address (Residential or Business Street Address)	For U.S. Persons: Social Security Number	For Foreign Persons: Passport Number and Country of Issuance, or other similar identification number ¹

(If no individual meets this definition, please write "Not Applicable.")

¹In lieu of a passport number, foreign persons may also provide an alien identification card number, or number and country of issuance of any other government-issued document evidencing nationality or residence and bearing a photograph or similar safeguard.

- d. The following information for one individual with significant responsibility for managing the legal entity listed above, such as:
 - An executive officer or senior manager (e.g., Chief Executive Officer, Chief Financial Officer, Chief Operating Officer, Managing Member, General Partner, President, Vice President, Treasurer); or
 - Any other individual who regularly performs similar functions. (If appropriate, an individual listed under section (c) above may also be listed in this section (d)).

Name	Date of Birth	Address (Residential or Business Street Address)	For U.S. Persons: Social Security Number	For Foreign Persons: Passport Number and Country of Issuance, or other similar identification number ¹

¹ In lieu of a passport number, foreign persons may also provide an alien identification card number, or number and country of issuance of any other government-issued document evidencing nationality or residence and bearing a photograph or similar safeguard.

I,that the information provided al	•	ning account), hereby certify, to the best of my knowledge,
Signature:		Date:
Legal Entity Identifier	(Optional)	

UNIFORM SUBSCRIBER AGREEMENT

listed subscriber ("Subscriber"), the below-listed vendor ("Vendor") and each of the Exchanges ("Exchanges") listed below.	
VENDOR: <u>ADVANTAGE FUTURES LLC.</u> (Party Delivering Market Data to Subscriber)	
SUBSCRIBER:(Party Receiving Market Data from Vendor)	
Street	
City State Country	

EXCHANGES

CBOE FUTURES EXCHANGE (CFE)
 CHICAGO BOARD OF TRADE (CBOT)
 ICE FUTURES EUROPE (FINANCIALS)
 ICE FUTURES EUROPE (COMMODITIES)

CHICAGO MERCANTILE EXCHANGE (CME) - ICE FUTURES US

- COMEX - KANSAS CITY BOARD OF TRADE (KCBOT)

DUBAI MERCANTILE EXCHANGE (DME) - MINNEAPOLIS GRAIN EXCHANGE (MGEX)

EUREX - MONTREAL EXCHANGE

- EURONEXT - NYMEX

(Collectively and individually referred to as "Exchange")

1. **DEFINITIONS.**

- (a) "Device" means any unit of equipment, fixed or portable, that receives, accesses or displays Market Data in visible, audible or other comprehensible form.
- (b) "Force Majeure Event" means any flood, extraordinary weather conditions, earthquake or other act of God, fire, war, terrorism, insurrection, riot, labor dispute, accident, action of government, communications or power failures, or equipment or software malfunctions.
- (c) "Person" means any natural person, proprietorship, corporation, partnership, limited liability company or other organization.
- (d) "Market Data" means information and data pertaining to futures contracts and options contracts or similar derivative instruments traded on the Exchanges as well as associated index data, that includes, without limitation, opening and closing range prices, high-low prices, settlement prices, current bid and ask prices, last sale prices, price limits, requests for quotations, estimated and actual contract volume data, text messages pertaining to market activity, contract specifications, fast or late messages and, as determined by each of the Exchanges, may include information respecting exchange-for-physical (EFP) or against actuals (AA) transactions. With respect to Subscriber's obligations under this Agreement, Market Data includes information, data and materials that are

derived from the foregoing and that convey information to Subscriber that is substantially equivalent to Market Data.

- (e) "Subscriber" means any person(s) receiving information from Vendor under the terms of this subscriber agreement, and any member of Subscriber's Group receiving information in accordance with this agreement.
- (f) "Subscriber Group" means Subscriber and any related entities that Subscriber controls, is controlled by, or is under common control with, and that receive Information directly or indirectly from Vendor under the terms of this Agreement. Subscribers may not redistribute Information (or derivative works based on or using Information) to third parties in any matter.
- (g) "Vendor" is Advantage Futures LLC in those instances where Advantage is vendor of record for exchange market data.

2. PROPRIETARY RIGHTS IN THE MARKET DATA.

- (a) Subscriber acknowledges and agrees that each of the Exchanges have exclusive and valuable property rights in and to its own Market Data, that such Market Data constitutes valuable property rights in and to its own Market Data, that such Market Data constitutes valuable confidential information, trade secrets and/or proprietary rights of each of the Exchanges, not within the public domain, that such Market Data shall remain valuable confidential information, trade secrets and/or proprietary rights of each of the Exchanges at least until the Exchanges place their respective Market Data in the public domain or authorize placement of their respective Market Data in the public domain, and that, but for this Agreement, Subscriber would have no rights or access to such Market Data. Whether or not a particular Exchange has placed its Market Data in the public domain or has authorized the placement of its Market Data in the public domain shall be determined according to the terms of such Exchange's agreement with Vendor, which agreement is described in Section 3(a).
- (b) Subscriber acknowledges and agrees that disclosure of any Market Data, or any breach or threatened breach of any other covenants or agreements contained herein, would cause irreparable injury to each of the Exchanges for which money damages would be an inadequate remedy. Accordingly, Subscriber further acknowledges and agrees that each of the Exchanges shall be entitled to specific performance and injunctive and other equitable relief from the breach or threatened breach of any provision, requirement or covenant of this Agreement (including, without limitation, any disclosure or threatened disclosure of Market Data) in addition to and not in limitation of any other legal or equitable remedies which may be available.

3. RECEIPT OF MARKET DATA BY SUBSCRIBER.

(a) Vendor and Subscriber have entered into an agreement by which Vendor will, among other things, provide Subscriber with Market Data. Vendor has or may enter into agreements with each of the Exchanges whereby Vendor has been granted the right to receive Market Data and to retransmit the same to Subscriber. This Agreement between Vendor and Subscriber sets forth the terms and conditions upon which Subscriber may receive and use Market Data. Subscriber acknowledges that, notwithstanding such agreement, each of the Exchanges may, in its discretion, discontinue disseminating its own Market Data or change or eliminate its own transmission method, speed or signal characteristics. In addition, Subscriber acknowledges and agrees that the Exchanges reserve the right to disapprove any Subscriber and retain the right to direct Vendor to terminate any Subscriber's receipt of Market Data for any reason or no reason, in which event the Exchanges shall so notify Vendor and Vendor shall cease providing Market Data to Subscriber as soon as practicable.

- (b)(1) Except as provided in (b)(3) below, Subscriber will use Market Data only for its own internal business activities and only at the offices and locations and on the Devices designated by Subscriber in writing to Vendor from time-to-time. (The term "for its own internal business activities", as used in the immediately preceding sentence herein, means for Subscriber's (a) trading, for its own account or for the account of its customers, of commodity futures contracts, options on commodity futures contracts or similar derivative instruments, or (b) evaluating, for its own internal business decisions or advice to its customers, the movements or trends in markets for commodity futures contracts, options on commodity future contracts, or like derivative instruments, subject to all of the limitations set forth below in this sub-paragraph as to the telephonic disclosure to customers of a necessary and de minimis number of segments of Market Data.)
- (b)(2) Subscriber agrees that it will not communicate or otherwise furnish, or permit to be communicated or otherwise furnished, the Market Data, in any format, to any other party or any office or location other than that designated above, nor allow any other party to take, directly or indirectly, any of the Market Data from such offices or locations, and will adopt and enforce any policy that is reasonable to prevent the Market Data from being taken therefrom. Subscriber specifically agrees, without limiting or varying its obligations under paragraph 7 herein or otherwise set forth in this Agreement, that Subscriber shall not use or permit another person to use any Market Data for the purposes of determining or arriving at any price, including any settlement prices, for commodity futures contracts, options on commodity futures contracts, or like derivatives instruments traded on any exchange other than the Exchanges. Subscriber will abide by any other limitations on such use that any of the Exchanges may specify. Subscriber will use its best efforts to ensure that its partners, officers, directors, employees and agents maintain sole control and physical possession of, and sole access to, Market Data received through Devices in Subscriber's possession.
- (b)(3) Notwithstanding (1) and (2) above, Subscriber may, in the regular course of its business, occasionally furnish, to each of its customers and branch offices, in a quantity restricted to that necessary to enable Subscriber to conduct its business, a de minimis number of segments of Market Data. Such redissemination must be strictly limited to telephonic communications not entailing the use of computerized voice synthesization or any other technology and must be strictly related to the trading activity of Subscriber or any such recipients. Any such recipients must be advised by Subscriber that such segments are proprietary and confidential information not to be disclosed or disseminated to other persons or entities. Subscriber agrees to make all reasonable efforts to ensure that such recipients abide by the provisions of this Agreement. Notwithstanding the foregoing, in the event that a Subscriber is a newspaper which reports on, among other things, exchanges on which commodity futures contracts or options on commodity futures are traded, such Subscriber shall be permitted to publish, in its newspaper published for the day following the receipt by such Subscriber of the Market Data, the Market Data received by Subscriber from Exchanges on the day prior to such publication.
- (c) In the event that Vendor has agreed to permit Subscriber to receive, access or display Market Data through means other than a Vendor-provided Device, such as by means of: (i) the Internet, any Intranet or any other type of network; (ii) portable Devices (e.g., pocket pagers, personal digital assistants, laptop computers, etc.); and (iii) synthesized voice responses over telephones, Subscriber will use its best efforts to ensure that no other device, attachment or apparatus is used which may allow third parties not subject to Subscriber's reporting obligations under Section 3(b) above to access the Market Data.
- (d) As it relates to MGEX market data, Subscriber may only include Market Data in media publications or in a public Internet Display if MGEX provides prior written consent and Distributor reports to MGEX and pays any applicable fees for such use.

(e) Subscriber will use its best efforts to ensure that no unauthorized dissemination of the Market Data is permitted.

4. REPORTING.

Subscriber agrees to furnish promptly to Vendor and Exchange any information or reports that may be requested or required by Vendor or Exchange as applicable and that is reasonably related to Subscriber's receipt of Market Data. Subscriber further agrees to furnish promptly to Vendor any additional information or reports that may be required by this Agreement between Vendor and Subscriber referred to in Section 3(a) as it relates to Subscriber's receipt of Market Data.

5. RIGHT OF INSPECTION AND AUDIT.

- (a) During regular business hours, any Persons designated by any Exchange may have access to Subscriber's offices or locations in order to observe the use made of the Market Data and to examine and inspect any Devices, attachments or apparatuses, as well as any books and records required to be maintained by Subscriber under Sections 3(b), 3(c) and 4 in connection with its receipt and use of Market Data.
- (b) Subscriber will make prompt adjustment (including interest thereon at the rate of 1½% per month), through Vendor, to compensate any Exchange that discovers an under-reported use of the Market Data by Subscriber. In addition, at the election of any such Exchange, Subscriber will be liable for the reasonable costs of any audit that reveals a discrepancy in such Exchange's favor of five percent (5%) or more of the amount of fees actually due such Exchange.
- (c) Subscriber shall maintain the records and books upon which it bases its reporting for MONTREAL EXCHANGE for two (2) years following the period to which the records relate. Subscriber shall maintain the records and books upon which it bases its reporting for CFE, CBOT, CME, NYMEX, COMEX, KCBOT, MGEX or DME Market Data for three (3) years following the period to which the records relate. Subscriber shall maintain the records and books upon which it bases its reporting for EUREX and EURONEXT for five (5) years following the period to which the records relate. Subscriber shall maintain the records and books upon which it bases the reporting for ICE FUTURES US, ICE FUTURES EUROPE COMMODITIES, or ICE FUTURES EUROPE FINANCIALS Market Data for six (6) years following the period to which the records and books relate. In the event that Subscriber fails to retain such records and books as required above, Subscriber agrees to pay each Exchange's reasonable estimate of any discrepancy discovered pursuant to any such audit.

6. EXCHANGE FEES.

Subscriber will pay Vendor (unless Vendor has assumed Subscriber's payment obligations hereunder), for and on behalf of each of the Exchanges (as applicable), for the right to receive Market Data in accordance with the then-current fee schedule published by each of the Exchanges from time-to-time (including any and all applicable federal, state or local taxes). Each Exchange's fees are subject to modification by each of them at any time, without prior notice to Subscriber. In addition, Subscriber agrees to pay Vendor any penalties assessed against Subscriber by Vendor on behalf of any Exchange. Nothing herein shall limit a Vendor's obligation pursuant to separate agreement between Vendor and any of the Exchanges (as applicable) to pay Exchange fees.

7. COVENANTS, REPRESENTATIONS AND WARRANTIES OF SUBSCRIBERS.

- (a) Subscriber covenants, represents and warrants that it is not engaged in the business of distributing Market Data and that, to its knowledge after reasonable inquiry, it is receiving the Market Data from a Vendor that is authorized by the Exchanges to distribute the Market Data.
- (b) Subscriber agrees that it will not use or permit any other Person to use Market Data for any illegal purpose.
- (c) Subscriber agrees that it will not use Market Data in any way to compete with the Exchanges or Vendor, nor use the Market Data in any way so as to assist or allow a third party to compete with the Exchanges or Vendor.
- (d) Subscriber agrees that the provision of Market Data by the Exchanges hereunder is conditioned upon Subscriber's strict compliance with the terms of this Agreement and that Vendor may, with or without notice and with or without cause, forthwith discontinue said service whenever in its judgment there has been any default or breach by Subscriber of the provisions hereof, or whenever directed to do so by any of the Exchanges.
- (e) Subscriber further represents and warrants that (i) it has all necessary power and authority to execute and perform the Agreement; (ii) the Agreement is legal, valid, binding and enforceable against Subscriber; (iii) neither the execution of, nor performance under, the Agreement by Subscriber violates or will violate any law, rule, regulation or order, or any agreement, document or instrument, binding on or applicable to Subscriber or the Exchanges; and (iv) its access to and use of the Market Data will be in accordance with all applicable federal, state, and local laws, regulations, and treaties.

8. DISCLAIMER OF WARRANTIES.

MARKET DATA IS PROVIDED, AND SUBSCRIBER AGREES THAT THE MARKET DATA IS PROVIDED, ON AN "AS IS," "AS AVAILABLE" BASIS WITHOUT WARRANTIES OF ANY KIND, SUBSCRIBER AGREES THAT NEITHER VENDOR NOR THE EXCHANGES MAKE ANY REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, WITH RESPECT TO THE MARKET DATA, OR THE TRANSMISSION, TIMELINESS, ACCURACY OR COMPLETENESS THEREOF, INCLUDING, WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OR ANY WARRANTIES OF MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE, OR USE OR NON- INFRINGMENT AND THOSE ARISING BY STATUTE OR OTHERWISE IN LAW OR FROM ANY COURSE OF DEALING OR USAGE OF TRADE.

9. LIMITATIONS OF LIABILITIES AND DAMAGES.

SUBSCRIBER AGREES THAT VENDOR; AND EXCHANGES; AND THEIR RESPECTIVE MEMBERS, DIRECTORS, OFFICERS, EMPLOYEES AND AGENTS:

- (A) DO NOT GUARANTEE THE SEQUENCE, ACCURACY OR COMPLETENESS OF THE MARKET DATA, NOR SHALL ANY OF THEM BE LIABLE TO SUBSCRIBER OR ANY OTHER PERSON FOR ANY DELAYS, INACCURACIES, ERRORS OR OMISSIONS IN MARKET DATA, OR IN THE TRANSMISSION THEREOF, OR FOR ANY OTHER DAMAGES ARISING IN CONNECTION WITH SUBSCRIBER'S RECEIPT OR USE OF MARKET DATA, WHETHER OR NOT RESULTING FROM NEGLIGENCE ON THEIR PART, A FORCE MAJEURE EVENT OR ANY OTHER CAUSE.
- (B) SHALL NOT BE LIABLE TO SUBSCRIBER OR ANY OTHER PERSON OR ENTITY FOR ANY LOSS, LIABILITY OR OTHER DAMAGE, INDIRECT OR CONSEQUENTIAL, ARISING OUT OF

OR RELATING TO THE AGREEMENT AND THE MARKET DATA THEREUNDER, INCLUDING BUT NOT LIMITED TO:

- ANY INACCURACY OR INCOMPLETENESS IN, OR DELAYS, INTERRUPTIONS, ERRORS OR OMISSIONS IN THE DELIVERY OF, THE SITE OR THE MARKET DATA; OR
- ANY DECISION MADE OR ACTION TAKEN OR NOT TAKEN BY SUBSCRIBER, ITS CUSTOMERS OR ANY OTHER ENTITIES OR ANY OF THEIR RESPECTIVE AFFILIATES, DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS
- LOSS OF BUSINESS REVENUES, LOST PROFITS OR ANY PUNITIVE, INDIRECT, CONSEQUENTIAL, SPECIAL OR SIMILAR DAMAGES WHATSOEVER, WHETHER IN CONTRACT, TORT OR OTHERWISE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
- SUBSCRIBER EXPRESSLY ACKNOWLEDGES THAT VENDOR, EXCHANGE AND ITS AFFILIATES DO NOT MAKE ANY WARRANTIES, EXPRESS OR IMPLIED, TO SUBSCRIBER OR ANY THIRD PARTY WITH RESPECT TO THE AGREEMENT AND THE MARKET DATA, INCLUDING, WITHOUT LIMITATION: (I) ANY WARRANTIES WITH RESPECT TO THE TIMELINESS, SEQUENCE, ACCURACY, COMPLETENESS, CURRENTNESS, MERCHANTABILITY, QUALITY OR FITNESS FOR A PARTICULAR PURPOSE OF THE MARKET DATA OR (II) ANY WARRANTIES AS TO THE RESULTS TO BE OBTAINED BY SUBSCRIBER OR ANY THIRD PARTY IN CONNECTION WITH THE USE OF THE MARKET DATA.
- (C) IF THE FOREGOING DISCLAIMER AND WAIVER OF LIABILITY, OR ANY PART THEREOF, SHOULD BE DEEMED INVALID OR INEFFECTIVE BY A COURT OF COMPETENT JURISDICTION, NEITHER VENDOR, EXCHANGES, NOR THEIR RESPECTIVE MEMBERS, DIRECTORS, OFFICERS, EMPLOYEES OR AGENTS SHALL BE LIABLE FOR ANY OF THE FOREGOING BEYOND THE ACTUAL AMOUNT OF LOSS OR DAMAGE, OR THE SUM OF FIFTY DOLLARS (\$50.00), WHICHEVER IS LESS.

10. TERM AND TERMINATION

- (a) The Agreement will commence on the Effective Date. Subject to Subscriber's strict compliance with the provisions of this Agreement, the provision of Market Data by any of the Exchanges hereunder will continue in force for a period of one (1) month from the Effective Date (the "Initial Term") and shall automatically renew at the end of such Initial Term for one (1) month and automatically thereafter on a month-to-month basis (such ongoing renewals, the "Renewal Terms"), provided, however, that either party may terminate the Agreement by providing at least ten (10) days' prior electronic or written notice that it declines such automatic renewal.
- (b) Vendor and Exchange may from time to time modify and amend the Agreement, and Subscriber agrees to be bound by such terms. Subscriber may terminate the Agreement upon ten (10) days' electronic or written notice upon such modification or amendment. By continuing to access or use the Market Data after Vendor or Exchange has provided you with notice of a modification, you are indicating that you agree to be bound by the modified Agreement.
- (c) Upon any termination of the Agreement, Subscriber shall discontinue any use of the Market Data, and delete any and all Market Data received under the Agreement, including without limitation any stored historical Market Data.

11. SURVIVAL

The provisions of the Definitions Section 1, Proprietary Rights In The Market Data Section 2, and Sections that by their nature should reasonably survive, and any amendments to the provisions of the aforementioned, will survive any termination or expiration of the Agreement.

12. INDEMNIFICATION

Subscriber will indemnify, defend and hold Vendor and the Exchanges, and their respective members, directors, officers, employees and agents harmless from and against any and all claims arising out of or in connection with this Agreement, including, without limitation, any liability, loss or damages (including, without limitation, attorneys' fees and other expenses) caused by any inaccuracy in or omission from, Subscriber's failure to furnish or to keep, or Subscriber's delay in furnishing or keeping, any report or record required to be kept by Subscriber hereunder.

13. MISCELLANEOUS.

- (a) In case of any breach by Subscriber of its obligations hereunder, each of the Exchanges will be considered to be a third-party beneficiary of this Agreement and may bring an action to enforce its terms directly against Subscriber. Any action arising out of this Agreement between the CFE, CBOT, CME, NYMEX, COMEX, DME and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of Illinois. The Parties submit to the exclusive jurisdiction of the state and federal courts situated in Cook County, State of Illinois. Any action arising out of this Agreement between the KCBOT and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of Missouri. The Parties submit to the exclusive jurisdiction of the state and federal courts situated in Hennepin County, State of Minnesota. Any action arising out of this Agreement between the MGEX and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of Minnesota. Any action arising out of this Agreement between ICE FUTURES US, ICE FUTURES EUROPE - COMMODITIES, or ICE FUTURES EUROPE - FINANCIALS and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the State of New York. Any action arising out of this Agreement between MONTREAL EXCHANGE and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the Province of Ontario. Exclusive place of jurisdiction for disputes deriving from Deutsche Borse AG (for EUREX market data) shall be Frankfurt. Any action arising out of this Agreement between EURONEXT and Subscriber shall be governed and construed in accordance with the internal laws (and not the law of conflicts) of the Netherlands.
- (b) Subscriber may not assign all or any part of this Agreement without the prior written consent of the Exchange(s) (as applicable).
 - (c) Neither Vendor nor Subscriber may modify or amend the terms of this Agreement.
- (d) In the event of any conflict between the terms and conditions of this Agreement and any other agreement relating to Subscriber's receipt and use of Market Data, including, without limitation, the agreement between Vendor and Subscriber referred to in Section 3(a), the terms and conditions of this Agreement will prevail.
- (e) If, for any reason, one or more provisions of this Agreement are held invalid, the other provisions of the Agreement shall remain in full force and effect.
- (f) Subscriber hereby consents to use by Vendor, Exchange and its affiliates of proprietary data or other personal information regarding Subscriber received by Vendor, Exchange and its affiliates from time to time through the conduct of their businesses, including any data submitted to them to fulfill regulatory obligations, for commercial, business and marketing purposes. Except as may be otherwise set forth herein (for reporting purposes or otherwise), Vendor, Exchange and its affiliates will not reveal the following information obtained from Subscriber to fulfill regulatory obligations to non-affiliated third-parties on a non-aggregated, non-anonymized basis, except (x) as permitted by

- law, (y) as required or requested by regulatory authority or (z) pursuant to a valid court order, subpoena or equivalent legal instrument: (i) personally identifiable information, (ii) detailed transaction data, (iii) position data, (iv) investigative materials, or (v) financial source documents.
- (g) The Subscriber acknowledges and agrees that Vendor and Exchange are intended third party beneficiaries to the Agreement, and that Vendor and Exchange may enforce all of the terms hereunder.

BY CHECKING THE BOX BELOW, I AGREE THAT NOW AND IN THE FUTURE WHEN SELECTING "I AGREE," MY AGREEMENT OR CONSENT WILL BE LEGALLY BINDING AND ENFORCEABLE AND THE LEGAL EQUIVALENT OF MY HANDWRITTEN SIGNATURE. BY SELECTING "I AGREE" I AM REPRESENTING THAT I HAVE READ AND UNDERSTOOD THE DOCUMENT DISPLAYED AND AGREE TO BE BOUND BY THE TERMS AND CONDITIONS OF THE RELEVANT DOCUMENT. I AGREE THE ELECTRONICALLY STORED COPY OF THIS SIGNATURE ON THIS AGREEMENT IS ADMISSIBLE AND ENFORCEABLE BY ADVANTAGE FUTURES LLC, AND I AGREE NOT TO CONTEST SUCH USE.

I AGREE TO THE TERMS OF	THIS AGREEMENT.
SUBSCRIBER	VENDOR
	Advantage Futures LLC
Name	Name
Title	Title
Date	- Date



INTRODUCED ACCOUNT ACKNOWLEDGEMENT

Your	account	has	been	introduced ("Introducer")	to	Advantage ı acknowledg			("Advantag	,
from y for the respor practic any lo- receive may s	ou, Advanta e purchase on sible for an es, trade re es or damage any intere	age is and or sale any acts ecomme ge arising attroduce	uthorized of contror or omis ndations gout of ny cash roker	cting as your a l accept from acts for your ssions of Intro , or trade exe Introducer's ac balances in y a significant	agent. Introdu Accoul oducer cutions cts or c	Unless Advarucer, without ant. You under, including was You agree omissions. You count(s). You	ntage receing duty of erstand and ithout limite to look solu acknowled	ves prior inquiry or agree thation, saled by to Introduced to the allower and a lige and a lige and a	notice to the investigation at Advantages practices oducer for regree that you gree that A	e contrary in, orders ge is not s, trading edress of ou will not dvantage
Ackno	wledged and	d Agree	d:							
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If Jo	int Account,	Name o	of Joint C	Client						
Sign	ature of Joir	nt Client				Date				

Rev 06/21/2018 Advantage Futures



PERSONAL GUARANTEE

	order to induce Advantage Futures arantee is incorporated by referenc		er into the Client A	greement to which this (referred
o tl ner	herein as "Client"), and for other go eby acknowledged, the undersigne mpt, full and complete payment of orneys' fees, that may at any time b	ood and valuable considerati d individual (the "Guarantor any and all obligations, dam	") hereby uncondit ages, costs and e	d sufficiency of which is ionally guarantees the xpenses, including
nov clai Agr Gua vith	e guarantee shall remain in full force vever, that the Guarantor shall not m of Advantage against Client, whi reement during the time period the arantee is one of payment, and not nout first having to take any action a formance, in any respect, by Client	be released from its obligation ich claim arises out of, or religuarantee is in effect, that is of collection. Advantage ma against Client. The Guaranto	ons hereunder so lated to, directly or s not settled or disc ay exercise its righ or hereby expressl	long as there is any indirectly, said Client charged in full. This ts against the Guarantor
	s guarantee shall inure to benefit of Guarantor, his heirs and assigns.	[:] Advantage and its success	ors and assigns, a	and shall be binding on
	e Guarantor acknowledges his under ance upon this guarantee.	erstanding that Advantage h	as permitted Clier	t to trade in account in
	Guarantor's Signature	Print Guaran	tor's Name	
	Guarantor's Income	Guarantor's (excluding va	Net Worth alue of equity in prim	ary residence)
	Date of Birth Social Security Number			
	Address	City	State	Zip Code
		☐ Office ☐ Home, ☐ Cell	<u> </u>	
	Phone #		Date	

ALL GUARANTORS MUST PROVIDE A FINANCIAL STATEMENT

Rev 04/08/13 Advantage Futures



Telephone Number

CORPORATE GUARANTEE

In order to induce Advantage Futures L Guarantee is incorporated by reference to therein as "Client"), and for other good is hereby acknowledged, the under guarantees the prompt, full and compexpenses, including attorneys' fees, the Client Agreement.	e and attached, with d and valuable consideration ersigned individual (the polete payment of any and	n, the receipt and s "Guarantor") here all obligations, da	(referred ufficiency of which by unconditionally mages, costs and			
The guarantee shall remain in full force however, that the Guarantor shall not any claim of Advantage against Client, Client Agreement during the time period full. This Guarantee is one of paymagainst the Guarantor without first have expressly waives notice of non-per obligations.	be released from its oblig which claim arises out of, d the guarantee is in effec- ent, and not of collection ving to take any action ag formance, in any respen	gations hereunder so or related to, direct t, that is not settled n. Advantage may gainst Client. The ct, by Client of ar	so long as there is ly or indirectly, said d or discharged in exercise its rights Guarantor hereby ny of its duties or			
This guarantee shall inure to benefit of A on the Guarantor, his heirs and assigns.		rs and assigns, and	shall be binding			
The Guarantor acknowledges his unders in reliance upon this guarantee.	standing that Advantage ha	s permitted Client to	trade in account			
Guarantor's Name						
Authorized Signatory of Guarantor	Authorized Signatory of Guarantor					
Name and Title of Authorized Signatory (please print) Guarantor's Net Worth						
Address	City	State	Zip Code			

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Tax ID Number

Date

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ADDITIONAL RISK DISCLOSURE

In view of information on your account application with Advantage Futures LLC, you should be aware of additional risk disclosures before you open a commodity futures and options trading account. If you fall into one or more of the following categories:

- You are retired.
- You have no prior commodities/futures or securities trading experience.
- Your annual net income is less than \$25,000 or net worth is less than \$50,000.
- You are investing retirement funds. (e.g. IRA, 401K, Keogh, etc.).

Please sign below acknowledging this Additional Risk Disclosure.

· You are 65 years of age or over.

In addition to the standard industry disclosures included in the Advantage Futures LLC Client Account Agreement, you should be aware that Commodities trading is considered a risky form of investment. If you have pursued only conservative forms of investment in the past, you may wish to study commodity futures and options trading further before continuing an investment of this nature. You must realize that you could sustain a total loss of all funds you deposit with your broker as initial margin as well as substantial amounts of capital, including incurring liability for deficit balances, when trading futures or granting options, should the market go against your investment. You must also realize that the limited risk in buying options means you could lose the entire option investment should the position expire worthless.

If you wish to continue with your investment, you acknowledge that the funds you have committed are purely risk capital and loss of your investment will not jeopardize your style of living nor will it detract from your future retirement program. Additionally, you fully understand the nature and risks of futures and options investments, and your obligations to others will not be neglected should you suffer investment losses.

Name of Account		
Signature	Date	
Name & Title of Authorized Individual – Please Print		

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