

MANAGED ACCOUNT AGREEMENT AND POWER OF ATTORNEY

This Managed Account Agreement and Power of Attorney ("Managed Account Agreement") is entered into as of the date below between the undersigned Customer and the FCM Division of StoneX Financial Inc. acting in its capacity as a futures commission merchant ("FCM"). Customer hereby authorizes

as Customer's agent and attorney in fact (the "Third Party Controller") to buy, sell and trade in commodity futures contracts, foreign futures, options thereon, physical commodities, forward contracts and non-US regulated futures regulated in their local jurisdiction (collectively or individually, "Commodity Interests") in accordance with the terms and conditions established by FCM for Customer's account and risk in Customer's name or number on FCM's books. FCM is authorized to follow the Third Party Controller's instruction in every respect concerning Customer's account and is authorized to act for Customer and on Customer's behalf in the same manner and with the same force and effect as Customer might or could do with respect to such purchases, sales, or trades as well as with respect to all other things necessary or that would be incidental to the furtherance of conduct of such purchases, sales or trades.

FCM does not endorse the Third Party Controller or its trading style or system in any way, has no obligation to investigate any trade made by the Third Party Controller and shall not be liable for any action or inaction by the Third Party Controller. Customer hereby ratifies and confirms any and all transactions with FCM heretofore or hereafter made by the aforesaid Third Party Controller for the account of Customer. The authorizations and indemnities in this Managed Account Agreement are in addition to and in no way limit any rights which FCM may have under any other agreements between Customer and FCM. FCM shall not have any liability for following the instructions of the Third Party Controller and Customer shall not hold FCM liable for the Third Party Controller's actions or inactions. Customer hereby agrees to indemnify and hold harmless from and pay FCM promptly on demand for any and all losses arising therefrom or debit balance due thereon in the undersigned (s) account. Customer represents that Third Party Controller has provided Customer with a disclosure document concerning the Third Party Controller's trading advice, including any trading advice regarding the products selected by Customer and the strategies to be used by the Third party Controller, which Customer has read, understood and agrees with, or, the Third Party Controller has furnished Customer with a signed written statement explaining the Third Party Controller's exemption from applicable registration and disclosure requirements of the Commodity Futures Trading Commission and National Futures Association.

Customer understands there are many strategies that can be used in trading Commodity Interests, which have unlimited risk of loss and could result in Customer sustaining a total loss of all funds in the account and Customer liability for any account deficit resulting therefrom. Customer has discussed the nature and risks of all strategies to be undertaken in the Customer's account with Customer's Third Party Controller. This Managed Account Agreement shall remain in force and effect until revoked by Customer by a written notice addressed to FCM and delivered to FCM's office at 230 South LaSalle Street, Suite 10-500, Chicago, Illinois 60604. Any such revocation shall not affect any liability in any way resulting from transactions initiated prior to such revocation. This authorization and indemnity shall inure to the benefit of FCM and any successor firm or firms irrespective of any change or changes at any time in the personnel thereof for any cause whatsoever, and of the assigns of FCM or any successor firm.

Customer represents and warrants that it has full power and authority to execute this Managed Account Agreement and that the same is enforceable against Customer in accordance with its terms. This Managed Account Agreement does not revoke any powers of attorney previously executed by Customer, and Customer acknowledges that it is required to separately revoke any power of attorney previously granted by written notice to FCM and the agent of any previously executed power of attorney, and that it is required to provide written notice to FCM of the resignation of any agent or other person to whom power of attorney has been granted. FCM shall not be liable for any actions taken by FCM on the instructions of any Third Party Controller that has resigned or that has been removed prior to FCM's receipt of notice of such resignation or revocation. Customer acknowledges that it has read and understands the above and agrees to all terms and conditions therein. Customer understands that commodities trading involves risk of loss and is not suitable for all investors. Customer acknowledges that it has independently made the decision to grant this power of attorney to the Third party Controller to place commodities trades in Customer's name as described herein.



THIRD PARTY CONTROLLER

I have read the foregoing Managed Account Agreement and- Pow the Principal named therein. I acknowledge my legal responsibil Account Agreement and Power of Attorney this day of	
Print Agent's Name:	Title:
Occupation:	Agent Employer:
Agent If an Individual, Social Security # of Agent:	
Signature:	
EXECUTION B	Y CUSTOMER
Print Customer Name Date: / / Signature Day Month Year	Corporation, Partnership, Limited Liability Company, Trust: (All General Partners sign) Print Customer Entity Name Print Signatory Name Date: / / Signature Day Month Year Print Signatory Name
Date: / / Signature: Day Month Year	Title Date: / / Signature Day Month Year



THIRD PARTY CONTROLLER STATEMENT

The u	ındersig	ned Agent has discreti	onary authority over the C	ustomer trading account tit (Acct. #	:led) ("Customer")	
l. Inc. a			Agent hereby represents a s commission merchant ("F	nd warrants to the FCM Div FCM") as follows:	vision of StoneX Financial	
	A.	Registered CTA and	d Disclosure Document Info	ormation:		
_	_	tered as a Commodity ⁻ (CFTC), NFA Identificati	- ' '	the Commodity Futures Tra . (Check which applies)	ding	
		Agent maintains an Disclosure Docume	nt. Agent has provided a s	TC Regulation 4.7, and is n	r's participation documents	
Comr	nodity T	rading Advisor (CTA) w	·	s Trading Commission	s exempt from registering as a	
		membership, gene and any trading advagent is registered an FCM/IB) and Ago the principal busing Agent is operating Agent has provided out generally to the	ral farm organization, who vice is solely incidental to t with the CFTC in another cent's advice is solely incide ess or profession: under an exemption pursuladvice to 15 or fewer perse public as a CTA, including, based entity; located outside	provides advice on the sale he conduct of Agent's busi apacity (Floor Broker, CPO, ntal to my principal busines ant to CFTC Regulation 4.14	, IB, or an Associated Person of ss or profession. Please indicate 4. nths, and does not hold itself citation of customers.	
II.	AGEN	NT'S INFORMATION:				
	Name	e (Entity):				
	Name (Individual):			Social Security/FEIN Number:		
	Addre	ess:		City:		
	Regio	n:	Country:	Pos	stal Code:	
	Telep	hone Number:	Email Addr	ess:		



Agent must include a copy of one or more of the following: Driver's license, passport, or other valid government issued identification. If the agent-third party controller is an entity a Driver's license, passport, or other valid government issued identification must be provided for the main individual responsible for trading the account.

THIRD PARTY CONTROLLER SIGNATURE					
Print Agent's Name	Social Security Number of Agent				
Agent Occupation	Agent Employer				
Signature on behalf of Third Party Controller					
ABOVE AND THE AGENT'S DOCUMENTATION DESCRIBED A	PENSATION TO AGENT FOR TRADING CUSTOMER'S ACCOUNT(S)				
CUSTOMER(S) PLEASE SIGN AND DATE BELOW					
Print Customer Name	Corporation, Partnership, Limited Liability Company, Trust: (All General Partners sign) Print Customer Entity Name Print Signatory Name				
Signature Day Month Year	Title Date: / / Signature				
Date: / / Signature Day	Date: / / Signature Day Month Year				