SUBMISSION COVER SHEET								
IMPORTANT: Check box if Confidential Treatment is requested								
Registered Entity Identifier Code (optional): <u>20-015 (1 of 3)</u>								
Organization: Chicago Mercantile Exchange Inc. ("CME")								
Filing as a:	SDR							
Please note - only ONE choice allowed.								
Filing Date (mm/dd/yy): <u>08/28/20</u> Filing Description: <u>Adm</u> <u>CME</u> , <u>CBOT</u> and <u>NYMEX</u> Rule 588.H. ("Globex Non-Revie								
CIVIE, CDOT and NTWIEA Rule 300.11. (Globex Non-Revie	wable Trauling Kanges / Table							
SPECIFY FILING TYPE								
Please note only ONE choice allowed per Submission.								
Organization Rules and Rule Amendments								
Certification	§ 40.6(a)							
Approval	§ 40.5(a)							
Notification	§ 40.6(d)							
Advance Notice of SIDCO Rule Change	§ 40.10(a)							
SIDCO Emergency Rule Change	§ 40.10(h)							
Rule Numbers: See filing. New Product Please note only ONE product	et nor Submission							
Certification	§ 40.2(a)							
Certification Security Futures	- , ,							
	§ 41.23(a)							
Certification Swap Class	§ 40.2(d)							
Approval	§ 40.3(a)							
Approval Security Futures	§ 41.23(b)							
Novel Derivative Product Notification	§ 40.12(a)							
Swap Submission Product Terms and Conditions (product related Rules and	§ 39.5 Rule Amendments)							
Certification	§ 40.6(a)							
Certification Made Available to Trade Determination	§ 40.6(a)							
Certification Security Futures	§ 41.24(a)							
Delisting (No Open Interest)	§ 40.6(a)							
Approval	§ 40.5(a)							
Approval Made Available to Trade Determination	§ 40.5(a)							
Approval Security Futures	§ 41.24(c)							
Approval Amendments to enumerated agricultural products	§ 40.4(a), § 40.5(a)							
"Non-Material Agricultural Rule Change"	§ 40.4(b)(5)							
Notification	§ 40.6(d)							
Official Name(s) of Product(s) Affected:								
Rule Numbers:								



August 28, 2020

VIA ELECTRONIC PORTAL

Mr. Christopher J. Kirkpatrick Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, D.C. 20581

Re:

CFTC Regulation 40.6(a) Certification. Notification Regarding Administrative Amendments to CME, CBOT and NYMEX Rule 588.H. ("Globex Non-Reviewable Trading Ranges") Table for Certain Energy, Agriculture, Equities, and Weather Contracts.

CME Submission No. 20-015 (1 of 3)

Dear Mr. Kirkpatrick:

Chicago Mercantile Exchange Inc. ("CME"), The Board of Trade of the City of Chicago, Inc. ("CBOT") and New York Mercantile Exchange, Inc. ("NYMEX") (collectively, the "Exchanges") certify to the Commodity Futures Trading Commission ("CFTC" or "Commission") administrative amendments to the CME, CBOT and NYMEX Rule 588.H. ("Globex Non-Reviewable Trading Ranges") table (the "Table") for certain energy, agriculture, equities, and weather futures and options contracts noted in Exhibit A below (the "Contracts") effective Tuesday, September 22, 2020.

The Exchanges are amending the Table to clarify and amend the language and values, and where appropriate remove anachronistic language and values, in the table to accurately reflect the Exchanges' non-reviewable trading range ("NRR") process as it pertains to the Contracts (collectively, the "Rule Amendments"). The Rule Amendments are administrative in nature will not alter in any way the trading characteristics or the economic value of the Contracts. The Rule Amendments are set forth in blackline format Exhibit A below. For convenience, a clean version of the Table in its entirety is also provided in Exhibit B under separate cover.

The Exchanges reviewed the designated contracts market core principles ("Core Principles") as set forth in the Commodity Exchange Act ("CEA" or "Act") and identified that the Rule Amendments may have some bearing on the following Core Principles:

- Compliance with the Rules: The Exchanges shall continue its normal practice to establish, monitor, and enforce compliance with the rules of the contract markets for the Contracts, including the terms and conditions of the Contracts' amendments for CME Globex non-reviewable trading ranges.
- <u>Prevention of Market Disruption</u>: The Rule Amendments will not impede the Exchanges' capacity
 and responsibility to prevent manipulation, price distortion, and disruptions to these Contracts
 through currently established market surveillance, compliance, and enforcement practices and
 procedures.

- Availability of General Information: The Exchanges will amend the Rulebooks accordingly on the effective date, which is publicly available on the CME Group website, to reflect the changes that will be made to the rules pertaining to the NRRs of the Contracts.
- Execution of Transactions: The Rule Amendments will have no adverse impact on the central limit order book for the Contracts. These changes will not impede the Exchanges' ability as designated contract markets to provide a competitive, open, and efficient market mechanism for executing transactions that protects the price discovery and physical deliverable processes of the Contracts.

Pursuant to Section 5c(c) of the Act and CFTC Regulations 40.6(a), the Exchanges hereby certify that Rule Amendments to the Table comply with the Act, including regulations under the Act. There were no substantive opposing views to the proposal.

The Exchanges certify that this submission has been concurrently posted on the CME Group website at http://www.cmegroup.com/market-regulation/rule-filings.html.

Should you have any questions concerning the above, please contact the undersigned at (212) 299-2200 or via e-mail at CMEGSubmissionInquiry@cmegroup.com.

Sincerely,

/s/ Christopher Bowen
Managing Director and Chief Regulatory Counsel

Attachments: Exhibit A – Amendments to CME/CBOT/NYMEX: Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table (blackline format)

Exhibit B – CME/CBOT/NYMEX/COMEX Rule 588.H. – ("Globex Non-Reviewable Trading Ranges") Table (provided under separate cover)

Exhibit A

CME/CBOT/NYMEX Rulebook

Chapter 5

("Trading Qualifications and Practices")

Rule 588.H. ("Globex Non-Reviewable Trading Ranges") Table

(additions are underscored; deletions are struck through)

Energy:

Instrument Name

Globex Non-Reviewable Ranges (NRR)

Energy		Outright	S		Sp	reads	
	Globex Symbol	Globex Non-Reviewable Ranges (NRR)	NRR: Globex Format	NRR: Minimum Ticks	NRR: Globex Format	NRR: Outright Minimum Ticks	Change to:
Energy Futures							
CBOT Denatured Fuel Ethanol Forward Month Futures	FZE	\$0.025 per gallon	250	250	Each leg evalua	ted as an outright	N/A N/A
Coal (API 5) fob Newcastle Futures Coal (API 5) FOB Newcastle (Argus/McCloskey) Futures	ACM	\$2.00 per metric ton	200	40	Each leg evalua	ted as an outright	
Dubai Crude Oil (Platts) Calendar Financial Futures	DCB	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	<u>N/A</u>
ICE Brent (Euro Denominated) Financial Futures	IBE	€1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	N/A N/A
ICE Brent (Singapore Marker) Futures	IBS	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	N/A
DES Japan (RIM) LNG Futures LNG DES Japan (RIM) Futures	JNG	\$.10 per MMBtu	100	100	Each leg evalua	ted as an outright	
PP Polypropylene (PCW) Calendar Financial Futures	PPP	\$0.01 per pound	1000	1000	Each leg evalua	ted as an outright	<u>N/A</u>
3.5% Fuel Oil (Platts) FOB MED Crack Spread Futures 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures	FL	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	
3.5% Fuel Oil (Platts) FOB MED Crack Spread BALMO	FOA	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	

Evaluation 200 Each log evaluated as an outright					1		_
Mail Digital Cards Section Sec	Futures 3.5% Fuel						
Served BAMO Served Serve	Oil Cargoes FOB						
Search-search inflation Search legs that had not warrish to Search legs evaluated as an outright Search legs evaluated as an ou	MED (Platts) Crack						
Search-search Hardon	Spread BALMO						
\$3.95 Feed Oil Helitative \$3.05 Feed Oil \$3.00 per metric ton \$2.00							
Vis. 2-50-R-10-BALED							
Second Platton							
SASP Fuel OI Cargoer FOR MED For Horizon SASP Fuel OI Cargoer FOR MED For Horizon FOR MED For Ho							
3.58 Fuel Coll							
Search togs Search Searc							
Carpose FOB MRED Post Po	3.5% Fuel Oil	62	¢2.00 nor matric ton	2000	2000	Fach log avaluated as an outright	
Search S	Cargoes FOB MED	03	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Search S	(Platts) vs. 3.5% Fuel						
Ridam (Patts) Rote Rote (Assolines Rote (Assolines Spread Patterns East) Words Rote (Rote (Assolines Spread Patterns Rote (Rote (Rote) Rote Rote Rote (Rote) Rote							
SALMO Futures Sale Mest Sale Services							N/A
East-Number							
Search S							N/A
Sach Spread EWG \$1.00 per barrel 1000 1000 Each E	East West Gasoline						
Clastic Argus	Futures East-West						
Clastic Argus	Gasoline Spread	EWG	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Futures	(Platts-Argus)						N/A
Gascil 1,1% Harges Fig. Fig							
FGB R4ALMO							137.5
Value Valu							
Cascali BALMO	` '						
Returner Gasol A6V \$2.00 per metric ton 2000 2000 Each-leg evaluated as an outright N/A	·						
D.1% Barges FOB AGX S2.00 per metric ton 2000 2000 Each-leg-evaluated as an outright N/A							
RAR_(Platts) vs. Low Sulphur Gasoil SALMO Futures	Futures Gasoil	A6V	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Sulphur Gasoil Sulp	0.1% Barges FOB						
Sulphur Gasoil Sulp	ARA (Platts) vs. Low						
SALMO Futures A6X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright SALMO Futures							N/A
Second Foundation Second							
Cargoes CIF NWE (F)							IN/A
Second Part AGX							
Futures - let Fuel Cargose CIF NWE (Platts) No. Low Sulphur Gasoil BALMO Northwest Europe Fuel Oil High-Lew Sulfur-Spread (Platts) No. Spread (Pla							
Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoii BALMO N/A N/A							
Cargos Ch NWE Clasts W	Futures Jet Fuel	۸6Y	\$2.00 per metric ton	2000	2000	Fach leg evaluated as an outright	
Sulphur Gasoil BALMO	Cargoes CIF NWE	AUX	\$2.00 per metric ton	2000	2000	Lacifies evaluated as all outright	
BALMO	(Platts) vs. Low						
BALMO	Sulphur Gasoil						N/A
Northwest Europe fuel oil High Low Sulfur-Spread (Platts) BALMO futures 1% Fuel Oil Cargoes FOB MVE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures Methanol FOB Houston (Argus) Futures Australian Coking Coal (Platts) Low Vol Futures ALW Coal (API 8) cfr South China (Argus/Pottoria) South China (Argus/Pottoria) South China (Argus/Pottoria) South China (Argus/Pottoria) South China (Argus/McCloskey) Futures SSI SI							1
Fuel-Oil High Low Sulfur-Spread (Platts) BALMO Futures - 1% Fuel Oil Cargoes FOB NWE (Platts) balance Redam (Platts) BALMO Futures Redam (Platts) BALMO Fourth Fob Houston (Argus) Futures Australian Coking Coal (Platts) Low Vol Futures ALW So.025 per gallon So.025 per gallon Futures ALW So.025 per gallon Futures ALW So.025 per gallon Futures ALW So.025 per gallon Futures Futures ALW So.025 per gallon Futures							13773
Sulfur Spread (Phats) BALMO Futures 1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Cargoes FOB NWE (Pla	·						
Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) SALMO Futures	•						
Second Continues Second Politics Second Po	· ·						
Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures Methanol FOB Houston (Argus) Futures Australian Coking Coal (Platts) Low Vol Futures ALW ALW Solo per ton 60 60 12 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/A	, ,						
Cargoes FOB NWE Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts)	Futures 1% Fuel Oil	00	\$2.00 per metric ten	2000	2000	Each log avaluated as an outright	
Dil Barges FOB Rdam (Platts) BALMO Futures MTH So.025 per gallon 250 10 Each leg evaluated as an outright N/A	Cargoes FOB NWE	00	\$2.00 per metric ton	2000	2000	Lacifieg evaluated as all outright	
Dil Barges FOB Rdam (Platts) BALMO Futures MTH So.025 per gallon 250 10 Each leg evaluated as an outright N/A	(Platts) vs. 3.5% Fuel						
Rdam (Platts) BALMO Futures MTH S0.025 per gallon 250 10 Each leg evaluated as an outright N/A N/A	Oil Barges FOB						
BALMO Futures MTH \$0.025 per gallon 250 10 Each leg evaluated as an outright N/A Houston (Argus) Futures Australian Coking \$0.025 per gallon 5.60 per ton 60 60 Each leg evaluated as an outright N/A Coal (Platts) Low Vol Futures ALW \$0.60 per ton 60 12 Each leg evaluated as an outright N/A Coal (API 8) cfr South China (Argus/McCloskey) Futures \$0.60 per metric ton 60 12 Each leg evaluated as an outright N/A CSX Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A							N/A
Methanol FOB Houston (Argus) Solution							
Houston (Argus) Futures Australian Coking Coal (Platts) Low Vol Futures ALW Coal (API 8) cfr South China (Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Powder River Basin Coal (Platts OTC Broker Index) South China (Argus/McCloskey) Futures \$0.60 per ton 60 60 60 Fach leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/		NATI I		+			11/17
Futures S.60 per ton G. G. Each leg evaluated as an outright N/A Australian Coking Coal (Platts) Low Vol Futures ALW S.60 per ton G. G. Each leg evaluated as an outright N/A Coal (API 8) cfr South China (Argus/McCloskey) Futures SSI S. S. CSX Coal (Platts OTC Broker Index) G.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright N/A Futures OXB S.60 per ton G.60 G.60 Each leg evaluated as an outright OXB OXB Futures OXB S.60 per ton G.60 OXB		IVITH	40.005 "	2	4.5		
Australian Coking Coal (Platts) Low Vol Futures ALW \$.60 per ton 60 60 Each leg evaluated as an outright N/A N/A Coal (API 8) cfr South China (Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Futures QXB \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A Powder River Basin Coal (Platts OTC Broker Index) Futures \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A N/A			\$0.025 per gallon	250	10	Each leg evaluated as an outright	
Coal (Platts) Low Vol Futures ALW \$.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A Coal (API 8) cfr South China (Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Futures QXB \$0.60 per ton 60 12 Each leg evaluated as an outright N/A Each leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A N/A N/A Each leg evaluated as an outright N/A N/A N/A N/A N/A Powder River Basin Coal (Platts OTC Broker Index) Futures QXB \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A							<u>N/A</u>
Futures ALW Solution ALW Solution ALW Solution ALW Solution Across	Australian Coking						
Futures ALW Solution ALW Solution ALW Solution ALW Solution Across	Coal (Platts) Low Vol		\$.60 per ton	60	60	Each leg evaluated as an outright	N/A
Coal (API 8) cfr South China (Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Futures QXB S0.60 per ton 60 12 Each leg evaluated as an outright N/A Rach leg evaluated as an outright N/A Each leg evaluated as an outright N/A N/A N/A N/A N/A Powder River Basin Coal (Platts OTC Broker Index) Futures QXB S0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A	, ,	ALW	·				
South China (Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Futures QXB S0.60 per metric ton 60 12 Each leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A N/A N/A Powder River Basin Coal (Platts OTC Broker Index) Futures S0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A		-		1			
(Argus/McCloskey) Futures SSI CSX Coal (Platts OTC Broker Index) Futures QXB Powder River Basin Coal (Platts OTC Broker Index) Futures QXB S0.60 per ton 60 12 Fach leg evaluated as an outright N/A N/A Reach leg evaluated as an outright N/A N/A N/A N/A Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Fach leg evaluated as an outright N/A N/A	, ,						
Futures SSI SI SOLUTION SSI SI			\$0.60 per metric ton	60	12	Each leg evaluated as an outright	
CSX Coal (Platts OTC Broker Index) Futures QXB Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A			•			_	
Broker Index) Futures QXB \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A N/A N/A		SSI					N/A
Futures QXB N/A Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A							
Futures QXB N/A Powder River Basin Coal (Platts OTC Broker Index) Solid per ton One of the product of the pr	Broker Index)		\$0.60 per ton	60	60	Each leg evaluated as an outright	
Powder River Basin Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A	Futures	QXB					
Coal (Platts OTC Broker Index) \$0.60 per ton 60 60 Each leg evaluated as an outright N/A							
Broker Index) 50.60 per ton 60 60 Each leg evaluated as an outright N/A							
			\$0.60 per ton	60	60	Each leg evaluated as an outright	NI/A
rutures QF N/A		00					
	rutures	Ų٢				<u>l</u>	<u>IN/A</u>

Dated Brent (Platts)	A6W					
vs. Brent First Month (BFOE) (Platts) Daily CFD Futures		\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Dated Brent (Platts) vs. Brent First Month (BFOE) (Platts) Weekly Futures	CFB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Dated Brent (Platts) vs. Brent Second Month (BFOE) (Platts) Daily CFD Futures	A59	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Dated Brent (Platts) vs. Brent Second Month (BFOE) (Platts) Weekly Futures	CFC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Brent Crude Oil BALMO Futures	AJ9	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Brent Crude Oil vs. Dubai Crude Oil (Platts) Futures	ADB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Brent Crude Oil vs. Dubai Crude Oil (Platts) Balmo Futures	BDB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Edmonton C5+ Condensate (NE2) Monthly Index Futures	CC5	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Hardisty Western Canadian Select (NE2) Daily Index BALMO Futures	СНВ	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Edmonton Sweet Synthetic (NE2) Daily Index Futures	CSN	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Dated Brent (Platts) BALMO Futures	DBB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Dated Brent (Platts) Daily Futures	A7G	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Dated Brent (Platts) to Frontline Brent BALMO Futures	AFE	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Dubai Crude Oil (Platts) BALMO Futures	ABI	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Mini Dubai Crude Oil (Platts) Futures	DBL	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Mini Dubai Crude Oil (Platts) BALMO Futures	DBT	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Columbia Gas TCO (Platts IFERC) Basis Futures	тс	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	
Columbia Gulf Mainline Natural Gas (Platts IFERC) Basis Futures	5ZN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Dominion South Point Natural Gas	PGN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A

(Platts IFERC) Basis Futures						
Dutch TTF Natural Gas Daily Futures	TTD	€2.00 per MWh	2000	400	Each leg evaluated as an outright	<u>N/A</u>
Henry Hub Natural Gas (Platts IFERC) Basis Futures	НВ	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Henry Hub Natural Gas (Platts Gas Daily / Platts IFERC) Index Futures	IN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Henry Hub Natural Gas Last Day Financial Futures - MMBtu/Month	NNE	\$.10 per MMBtu	100	100	Each leg evaluated as an outright	<u>N/A</u>
Houston Ship Channel Natural Gas (Platts IFERC) Basis Futures	NHN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
LNG Japan/Korea Marker (Platts) Front Half Month Futures	JKF	\$.10 per MMBtu	100	20	Each leg evaluated as an outright	<u>N/A</u>
LNG Japan/Korea Marker (Platts) Back Half Month Futures	JKB	\$.10 per MMBtu	100	20	Each leg evaluated as an outright	<u>N/A</u>
MichCon Natural Gas (Platts IFERC) Basis Futures	NFN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
NGPL Mid-Con Natural Gas (Platts IFERC) Basis Futures	NL	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
NGPL TexOk Natural Gas (Platts IFERC) Basis Futures	PD	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Panhandle Natural Gas (Platts IFERC) Basis Futures	PH	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Permian Natural Gas (Platts IFERC) Basis Futures	PM	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Rockies Natural Gas (Platts IFERC) Basis Futures	NR	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Rockies Natural Gas (Platts IFERC) Fixed Price Futures	XR	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
San Juan Natural Gas (Platts IFERC) Basis Futures	NJ	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
San Juan Natural Gas (Platts IFERC) Fixed Price Futures	XX	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	
Sumas Natural Gas (Platts IFERC) Basis Futures	NKN	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	
Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Futures	NX	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	
Transco Zone 4 Natural Gas (Platts IFERC) Basis Futures	TRZ	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	

UK NBP Natural Gas		£1.00 per thm	1		Each leg evaluated as an outright	N/A
Daily Futures	NBD	2.100 por timi	1000	200	24011 108 014144104 45 411 0411 1811	N/A
Waha Natural Gas (Platts IFERC) Basis Futures	NW	\$.10 per MMBtu	1000	1000	Each leg evaluated as an outright	N/A N/A
Argus Propane Far East Index BALMO Futures	22	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures (91)	A91	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Conway Natural Gasoline (OPIS) BALMO Futures	CGB	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Conway Normal Butane (OPIS) BALMO Futures	СВВ	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Conway Propane (OPIS) Balmo Futures	СРВ	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Daily Mont Belvieu LDH Propane (OPIS) Futures	C3D	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Daily Mont Belvieu Natural Gasoline (Non-LDH) (OPIS) Futures	C5D	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Daily Mont Belvieu Normal Butane (Non-LDH) (OPIS) Futures	C4D	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
European Propane CIF ARA (Argus) BALMO Futures	A32	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	<u>N/A</u>
HDPE High Density Polyethylene (PCW) BALMO Futures	HPD	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
HDPE High Density Polyethylene (PCW) Financial Futures (HPE)	НРЕ	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	N/A N/A
LLDPE Linear Low Density Polyethylene (PCW) BALMO Futures	LEL	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	N/A N/A
LLDPE Linear Low Density Polyethylene (PCW) Financial Futures	LPE	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Mont Belvieu Ethane (OPIS) BALMO Futures	A8C	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Mont Belvieu Ethylene (PCW) BALMO Futures	МВВ	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Mont Belvieu LDH Propane (OPIS) BALMO Futures	A80	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	N/A N/A
Mont Belvieu Mini LDH Propane (OPIS) Futures	A81	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u>
Mont Belvieu Natural Gasoline	AR0	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>

Composition	(ODIS) BALAGO] 1		İ	1		7 1
Mont Belvicu	(OPIS) BALMO						
SOUTS per gallon 1500 15							
Circle Seath Circle Circ			40.045	4500	4500		
Mont Reliver	(OPIS) BALMO	A8J	\$0.015 per gallon	1500	1500	Lach leg evaluated as an outright	<u>N/A</u>
Physical Rhame	Futures						N/A
COPS Futures	Mont Belvieu						
Mont Relivieu	Physical Ethane	A3Q	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	N/A
Physical Discharge	(OPIS) Futures						N/A
COPIS Futures	Mont Belvieu						
Mont Belvieu Prysical IDH Fotomac (OPIS) Fotomac	•	3L	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	
Physical DH Force							<u>N/A</u>
Propage (OPIS) ASIN SU015 per gallon 1500							
Propage (OPIS) Futures N/A	•	A3N	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	
Mont Bel/leu Physical Natural Gasoline (OPIS) Futures N/A			, ,				
Physical Natural Goods A3R \$0.015 per gallon 1500 1500 Each leg evaluated as an outright N/A N/A							<u>N/A</u>
Sach leg evaluated as an outright N/A							
Futures	·	A3R	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	N1/A
Mont Belvieu PPW So. 0.15 per gallon 1500 1500 Each leg evaluated as an outright N/A							
Physical Non-IDH Propane (OPIS) Futures				1			IN/A
Propane (OPIS) Futures							
Futures		3P	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	NI/A
Mont Belvieu PPW S0.015 per gallon 1500 1500 Each-leg-evaluated as an outright N/A N/A							
Physical Normal Butane (OPIS) Futures Fu				1			19/15
Butane (OPIS) A3M S0.015 per gallon 1500							
Futures	· '	A3M	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	N/A
PP Polymory/lene							
PPW \$0.01 per pound 1000 1000 Each leg-evaluated as an outright N/A	PP Polypropylene						
Futures		PPW	\$0.01 per pound	1000	1000	Each leg evaluated as an outright	N/A
Mont Belvieu (OPIS) S \$0.015 per gallon 1500 1500 Each-leg-evaluated as an outright N/A N/A N/A	1 ' '		The Property				
BALMO Futures	Propane Non-LDH						
1% Fuel Oil (Platts)	Mont Belvieu (OPIS)	1 S	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	N/A
Cargoes CIF MED AOB \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A	BALMO Futures						N/A
BALMO Futures 1% Fuel Oil (Platts) Cargoes FOB MED BALMO Futures FOM \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A	1% Fuel Oil (Platts)						
1% Fuel Oil (Platts) FOM \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A	Cargoes CIF MED	AOB	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Cargoes FOB MED FOM \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A							<u>N/A</u>
BALMO Futures 1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures							
1% Fuel Oil Barges FOB Rdam (Platts) EBE \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A	_	FOM	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 1% Fuel Oil Cargoes CIF MED (Platts) Futures 1% Fuel Oil Cargoes CIF MED (Platts) Futures 1% Fuel Oil Cargoes CIF MED (Platts) Futures 1% Fuel Oil Cargoes CIF NWE (Platts) Futures 1% Fuel Oil Cargoes CIF NWE (Platts) Futures 1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (Platts) Crack Spread 1% Fuel Oil Rdam (Platts) Crack Spread 1% Fuel Oil Rdam (Platts) Crack Spread 10% Fuel Oil Rdam (Platts) Cargoes FOB NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Carck Spread (1000mt) Fach leg evaluated as an outright N/A Each leg evaluated as an outright N/A N/A Solution Fach leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/							N/A
VS. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 1% Fuel Oil Cargoes CIF MED (Platts) Futures A1W \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A 1% Fuel Oil Cargoes CIF NWE (Platts) Futures A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A AFI \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A Futures AFI \$1.00 per barrel 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/A	_						
Cargoes FOB NWE (Platts) BALMO Futures 1% Fuel Oil Cargoes CIF MED (Platts) 1% Fuel Oil Cargoes CIF NWE (Platts) 1% Fuel Oil Cargoes FOB NWE (Platts) 1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Futures 1.00 Future	· · ·						
Platts BALMO Futures Putures	EBE	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright		
Futures	•		·				N1/A
1% Fuel Oil Cargoes CIF MED (Platts) Futures Futures							
CIF MED (Platts) Futures A1W \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A 1% Fuel Oil Cargoes CIF NWE (Platts) Futures A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A Futures AFI \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A Futures AFI \$1.00 per barrel 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A Putures A33 \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A Putures 1.0% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A Spread (1000mt)							<u>1v/ A</u>
Futures 1% Fuel Oil Cargoes CIF NWE (Platts) Futures A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A Futures AFI \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/A		Δ1\Λ/	\$2.00 per metric ton	2000	2000	Fach log ovaluated as an outright	N/A
1% Fuel Oil Cargoes CIF NWE (Platts) A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A	, ,	VT.AA	72.00 per metric ton	2000	2000	Each leg evaluated as an outrigift	
CIF NWE (Platts) Futures A1X \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A 1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures AFI \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A N/A N/A N/A AIX \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A A33 \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A N/A N/A Putures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A N/A							1.5/1.3
Futures 1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures 1		A1X	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A
1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures 1000 1000 Each leg evaluated as an outright N/A N/A N/A N/A 1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures 1000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A 1.0% Fuel Oil Cargoes FOB NWE (Platts) Cargoes FOB NWE (Platts) Crack Spread (1000mt) FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A N/A N/A	, ,		The per metric ton			233100 013.000.000 03 011 000.19.10	
FOB NWE (Platts) Crack Spread Futures 1000 1000 Each leg evaluated as an outright N/A N/A N/A N/A N/A N/A N/A N/A							
Crack Spread AFI \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A			44.00	4655	40		
Futures	, ,	AFI	\$1.00 per barrel	1000	1000	Lach leg evaluated as an outright	N/A
1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures 1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) A33 \$2.00 per metric ton 2000 2000 Each leg evaluated as an outright N/A N/A Each leg evaluated as an outright N/A N/A N/A N/A	•						
N/A							
N/A N/A	(Platts) vs. 1% Fuel	A22	¢2.00 par matria tan	2000	2000	Each log avaluated as an autricht	
Futures N/A 1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright Spread (1000mt) N/A	Oil NWE (Platts)	A33	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Cargoes FOB NWE (Platts) Crack FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A Spread (1000mt) N/A	Futures						
(Platts) Crack FVB \$1.00 per barrel 1000 1000 Each leg evaluated as an outright N/A Spread (1000mt) N/A	1.0% Fuel Oil						
Spread (1000mt)	Cargoes FOB NWE						
	, ,	FVB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Futures N/A							
	Futures						<u>N/A</u>

3.5% Fuel Oil (Platts)	1 1		1			7 1
Barges FOB Rdam Crack Spread BALMO Futures	FCB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
3.5% Fuel Oil (Platts) CIF MED BALMO Futures	8D	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) Futures	EOB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Chicago ULSD (Platts) Futures	4C	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Chicago ULSD (Platts) vs. NY Harbor ULSD Futures	A5C	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
Chicago CBOB Gasoline (Platts) Futures	2C	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Chicago CBOB Gasoline (Platts) vs. RBOB Gasoline Futures	A3C	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Daily European 1% Fuel Oil (Platts) Cargoes FOB NWE Futures	FCN	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Daily European 3.5% Fuel Oil (Platts) Barges FOB Rdam Futures	FOR	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Daily European Naphtha (Platts) CIF NWE Futures	NCP	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Daily Gasoline Euro- bob Oxy (Argus) NWE Barges Futures	GBR	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Diesel 10ppm (Platts) Barges FOB Rdam BALMO Futures	U7	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Diesel 10ppm Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil BALMO Futures	7X	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
East-West Fuel Oil Spread (Platts) BALMO Futures	EWB	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Futures	EWN	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
EIA Flat Tax On- Highway Diesel Futures	AA5	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
EIA Flat Tax U.S. Retail Gasoline Futures	JE	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
EuroBob Gasoline 10 ppm (Platts)	7P	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>

Barges FOB Rdam Futures						
EuroBob Gasoline 10 ppm (Platts) Barges FOB Rdam BALMO Futures	7\$	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European 1% Fuel Oil (Platts) Barges FOB Rdam BALMO Futures	A6L	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	AUH	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
European 1% Fuel Oil Cargoes FOB MED (Platts) Futures	EFM	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spread (Platts) Futures	ENS	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	AKX	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	AUF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	AKR	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	EFF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European Diesel 10 ppm Barges FOB Rdam (Platts) Futures	AGT	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	<u>N/A</u>
European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil Futures	AET	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
European Low Sulphur Gasoil (1000mt) Bullet Futures	BG	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	N/A N/A
European Low Sulphur Gasoil Financial Futures	AGX	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
European Jet Kerosene (Platts) Barges FOB Rdam Calendar Futures	UR	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	
European Jet Kerosene Cargoes CIF NWE (Platts) Futures	AUJ	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	<u>N/A</u>

European Naphtha (Platts) BALMO Futures	AKZ	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
European Naphtha (Platts) Crack Spread BALMO Futures	A43	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	EPN	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A
FAME 0 (Argus) Biodiesel fob Rdam (RED Compliant) Futures	FBD	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Low Sulphur Gasoil Futures	FBT	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% Barges FOB ARA (Platts) BALMO Futures	B8	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Gasoil 0.1% (Platts) Cargoes CIF MED Futures	Z4	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% (Platts) Cargoes CIF NWE Futures	TW	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% (Platts) Cargoes CIF NWE BALMO Futures	AB7	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil BALMO Futures	4V	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Gasoil 0.1% (Platts) CIF MED BALMO Futures	Х6	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil BALMO Futures	8W	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A
Gasoil 0.1% Barges FOB ARA (Platts) Futures	AVL	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	AWQ	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil Futures	AZ5	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	ATU	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Low Sulphur Gasoil Mini Financial Futures	AQA	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Gasoline 10 ppm (Platts) FOB MED	GKS	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>

Crack Spread Futures						
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread BALMO Futures	A7I	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Group Three ULSD (Platts) Futures	AA7	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Group Three Sub- octane Gasoline (Platts) Futures	AA9	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Group Three Sub- octane Gasoline (Platts) vs. RBOB Gasoline Futures	AA8	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast HSFO (Platts) BALMO Futures	AVZ	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast CBOB Gasoline A1 (Platts) Futures	СВО	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast CBOB Gasoline A1 (Platts) Crack Spread Futures	СВС	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast CBOB Gasoline A1 (Platts) vs. RBOB Spread Futures	СВА	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast CBOB Gasoline A2 (Platts) Futures	CRG	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Futures	GCG	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline Futures	CRB	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Heating Oil (Platts) Futures	AGP	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Gulf Coast Jet (Argus) Calendar Futures	AF	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Jet (Argus) Up-Down BALMO Futures	GBA	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Jet (Argus) Up-Down Futures	AJU	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Jet (Platts) Up-Down BALMO Futures	A1M	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Gulf Coast Jet Fuel (Platts) Futures	AGE	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
Gulf Coast No. 2 (Platts) Up-Down Financial Futures	AUT	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Gulf Coast HSFO (Platts) Crack Spread BALMO Futures	GFC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>

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Gulf Coast HSFO (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	GCB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast ULSD (Argus) Calendar Futures	AJ	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast ULSD (Argus) Crack Spread Futures	CF	\$1.00 per barrel	100	100	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast ULSD (Argus) Up-Down BALMO Futures	GUD	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast ULSD (Argus) Up-Down Futures	AUS	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
Gulf Coast ULSD (Platts) Up-Down BALMO Futures	A1L	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
Gulf Coast ULSD vs. Gulf Coast Jet Spread (Platts) Futures	VV	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Gulf Coast Unl 87 (Argus) Calendar Futures	AAW	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 (Argus) Crack Spread Futures	СК	\$1.00 per barrel	100	100	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 (Argus) Up-Down Futures	AUZ	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 Gasoline M2 (Argus) Futures	UGG	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 Gasoline M2 (Argus) vs. RBOB Spread Futures	RBG	\$0.0250 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Gulf Coast Unl 87 Gasoline M2 (Platts) Futures	GCM	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 Gasoline M2 (Platts) Crack Spread Futures	GCC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB BALMO Futures	GBB	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline Futures	RVR	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
Low Sulphur Gasoil BALMO Futures	U9	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Japan C&F Naphtha (Platts) Brent Crack Spread Futures	AJB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Japan Naphtha (Platts) BALMO Futures	E6	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>

Jet Aviation Fuel (Platts) Cargoes FOB MED Futures	1T	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Jet Aviation Fuel Cargoes FOB MED (Platts) vs. Low Sulphur Gasoil Futures	A1V	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Jet Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil Futures	AJR	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	N/A N/A
Jet Fuel Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil BALMO Futures	9Q	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Jet Fuel Cargoes CIF NWE (Platts) Crack Spread Futures	JFC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Jet Fuel Cargoes CIF NWE (Platts) Crack Spread BALMO Futures	JFB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Jet Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	НЈС	\$2.00 per metric ton	200	200	Each leg evaluated as an outright	N/A N/A
Jet Fuel (Platts) Barges FOB Rdam BALMO Futures	Х9	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Jet Fuel (Platts) Cargoes CIF NWE BALMO Futures	F3	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Los Angeles CARB Diesel (OPIS) Futures	ALX	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Futures	AKL	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Los Angeles CARBOB Gasoline (OPIS) Futures	МН	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures	AJL	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
Los Angeles Jet (OPIS) vs. NY Harbor ULSD Futures	AJS	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Los Angeles Jet Fuel (OPIS) Outright Futures	LL	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Los Angeles Jet Fuel (Platts) vs. NY Harbor ULSD Futures	MQ	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
Mini 1% Fuel Oil Cargoes FOB MED (Platts) Futures	MFD	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini 3.5% Fuel Oil (Platts) Cargoes FOB MED Calendar Futures	MMF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>

Mini East-West Fuel Oil Spread (Platts) Futures	MEW	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Mini European 1% Fuel Oil (Platts) Barges FOB Rdam BALMO Futures	0A	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Mini European 1% Fuel Oil (Platts) Cargoes FOB NWE Futures	OB	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini European 1% Fuel Oil (Platts) Cargoes FOB NWE BALMO Futures	0C	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	AT0	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European 3.5% Fuel Oil (Platts) Barges FOB Rdam BALMO Futures	0E	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European Diesel 10 ppm Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	MUD	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European Jet Kero Barges FOB Rdam (Platts) vs. Low Sulphur Gasoil Futures	МЈВ	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MJC	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European Naphtha (Platts) BALMO Futures	MEE	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini European Naphtha CIF NWE (Platts) Futures	MNC	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini Gasoil 0.1% Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MGF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Mini Gasoil 0.1% Barges FOB ARA (Platts) vs. Low Sulphur Gasoil Futures	MGB	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini Japan C&F Naphtha (Platts) Futures	MJN	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini Japan Naphtha (Platts) BALMO Futures	E6M	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini Naphtha Cargoes CIF NWE (Argus) Futures	NCF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A

Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	5L	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Mini Singapore Fuel Oil 380 cst (Platts) BALMO Futures	МТВ	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini Singapore Gasoil (Platts) Futures	MSG	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Mini ULSD 10ppm Cargoes CIF MED (Platts) vs. Low Sulphur Gasoil Futures	UCM	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil Futures	MGN	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Mont Belvieu LDH Iso-Butane (OPIS) Futures	MBL	\$0.015 per gallon	1500	1500	Each leg evaluated as an outright	
MTBE FOB Singapore (Platts) Futures	1NM	\$5.00 per metric ton	500	500	Each leg evaluated as an outright	<u>N/A</u>
Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures	NBB	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
New York 1% Fuel Oil (Platts) Crack Spread BALMO Futures	NFC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
NY 1% Fuel Oil (Platts) vs. Gulf Coast HSFO (Platts) BALMO Futures	NFG	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
New York 3.0% Fuel Oil (Platts) BALMO Futures	NYT	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
New York Fuel Oil 1.0% vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures	NYG	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
New York Harbor 1.0% Fuel Oil (Platts) BALMO Futures	AVK	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
New York Harbor Residual Fuel (Platts) Crack Spread Futures	AML	\$1.00 per barrel	100	100	Each leg evaluated as an outright	<u>N/A</u>
NY 3.0% Fuel Oil (Platts) Futures	AH1	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	NYF	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
NY Harbor ULSD BALMO Futures	A1G	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
NY Harbor ULSD Bullet Futures	ABH	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A

NY Harbor ULSD	1 1		ı	1		7
Crack Spread	1H	\$1.00 per barrel	100	100	Each leg evaluated as an outright	N/A
BALMO Futures	111	\$1.00 per barrer	100	100	Each leg evaluated as an outright	N/A
			_			IN/A
NY Harbor ULSD	22	60.035	250	250	Foot land and and an accordant	21/2
Last Day Financial	23	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures						<u>N/A</u>
NY Heating Oil	YF	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
(Platts) Futures		30.025 per guilon	250	250	Eden leg evaluated as an outright	N/A
NY Heating Oil						
(Platts) vs. NY		4				
Harbor ULSD	AYH	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures						N/A
NY Jet Fuel (Argus)						N/A
Futures	4Y	\$0.025 per gallon	250	250	Each leg evaluated as an outright	
						N/A
NY Jet Fuel (Argus)						
vs. NY Harbor ULSD	A5U	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures						<u>N/A</u>
NY Jet Fuel (Platts)	440	Ć0 035	250	250	Early land and a standard and a standard	N/A
Futures	A1Q	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
NY Jet Fuel (Platts)						
vs. NY Harbor ULSD	A1U	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
	AIU	30.025 per gallon	230	230	Ederrieg evaluated as an outright	
Futures						N/A
NY RBOB (Platts)	RYA	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Calendar Futures		**************************************				N/A
NY RBOB (Platts) vs.						
RBOB Gasoline	ARI	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures		· -				N/A
NY ULSD (Argus)						N/A
Futures	5Y	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
NY ULSD (Argus) vs.						14/14
		¢0.035	250	250	Fach las analysted as an autoicht	N1/A
NY Harbor ULSD	ULB	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
BALMO Futures						<u>N/A</u>
NY ULSD (Argus) vs.						
NY Harbor ULSD	A7Y	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures						N/A
NY ULSD (Platts)	VC	Ć0 035	250	250	Early land and a standard and a standard	N/A
Futures	YS	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
NY ULSD (Platts) vs.						
NY Harbor ULSD	AUY	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
Futures	AOT	30.025 per ganon	230	250	Euch leg evaluated as an outright	N/A
Premium Unleaded						IN/A
Gasoline 10 ppm						
(Platts) Barges FOB	7N	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Rdam BALMO						N/A
Futures						N/A
Premium Unleaded						
Gasoline 10 ppm						
(Platts) Cargoes CIF	4G	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A
, , ,						
NWE Futures			-			N/A
Premium Unleaded						
Gasoline 10 ppm	A7L	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
Barges FOB Rdam		7 p				N/A
(Platts) Futures						N/A
Premium Unleaded						
Gasoline 10 ppm		40.00	2222	2555		
FOB MED (Platts)	A8G	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A
BALMO Futures						N/A
Premium Unleaded			+		 	13//3
Gasoline 10 ppm	A3G	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
FOB MED (Platts)		,			20 212122222 22 311 0401.011	N/A
Futures						N/A
RBOB Gasoline	A1D	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A
	I AID	SO.OZS DEL EGIION	1 200	250	Each leg evaluated as an outright	N/A

RBOB Gasoline	ī	1	1	1		٦
Crack Spread	1E	\$1.00 per barrel	100	100	Each leg evaluated as an outright	N/A
BALMO Futures		·				N/A
RBOB Gasoline Last Day Financial Futures	27	\$0.025 per gallon	250	250	Each leg evaluated as an outright	<u>N/A</u>
RBOB Gasoline vs. Euro-bob Oxy (Argus) NWE Barges Futures	XER	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (350,000 gallons) Futures	EXR	\$0.025 per gallon	250	250	Each leg evaluated as an outright	N/A N/A
RME Biodiesel (Argus) fob Rdam (RED Compliant) Futures	RBF	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
RME Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Low Sulphur Gasoil Futures	BFR	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	STS	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai Crack Spread BALMO Futures	STY	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/ <u>A</u>
Singapore Fuel Oil 180 cst (Platts) BALMO Futures	ABS	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Fuel Oil 180 cst vs. 380 cst Spread (Platts) BALMO Futures	MSD	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
Singapore Fuel Oil 380 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	STI	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Fuel Oil 380 cst (Platts) BALMO Futures	ABT	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Fuel Oil 380 cst (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures	SFB	\$2.00 per metric tonne	200	200	Each leg evaluated as an outright	<u>N/A</u>
Singapore Gasoil (Platts) BALMO Futures	AVU	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Singapore Gasoil (Platts) vs. Low Sulphur Gasoil Futures	AGA	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Singapore Gasoil (Platts) vs. Singapore Gasoil 500 ppm (Platts) Futures	STT	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A

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Singapore Jet Kerosene (Platts) BALMO Futures	ABX	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Jet Kerosene (Platts) Dubai Crack Spread Futures	ASD	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Jet Kerosene (Platts) Futures	AKS	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) BALMO Futures	AZ0	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) Futures	RKA	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Mogas 92 Unleaded (Platts) BALMO Futures	A1P	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Mogas 92 Unleaded (Platts) Brent Crack Spread Futures	D1N	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Mogas 92 Unleaded (Platts) Dubai Crack Spread Futures	1NA	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Mogas 95 Unleaded (Platts) BALMO Futures	W0	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Mogas 95 Unleaded (Platts) Futures	AV0	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Singapore Mogas 95 Unleaded vs. Singapore Mogas 92 Unleaded Spread (Platts) Futures	SMU	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	
Singapore Mogas 97 Unleaded (Platts) Futures	XO	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u>
Singapore Naphtha (Platts) BALMO Futures	ZKU	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	N/A N/A
Singapore Naphtha (Platts) Futures	ASP	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>
ULSD 10ppm (Platts) Cargoes CIF MED Futures	Z6	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A
ULSD 10ppm (Platts) Cargoes CIF NWE BALMO Futures	B1	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur Gasoil BALMO Futures	3V	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
ULSD 10ppm (Platts) CIF MED BALMO Futures	Х7	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	
ULSD 10ppm CIF MED (Platts) vs. Low	7V	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright	N/A N/A

Sulphur Gasoil BALMO Futures							
ULSD 10ppm Cargoes CIF NWE (Platts) Futures	ATY	\$2.00 per metric ton	2000	2000	Each leg evaluat	ted as an outright	N/A N/A
ULSD 10ppm Cargoes CIF NWE (Platts) vs. Low Sulphur GasoRFil Futures	АТР	\$2.00 per metric ton	2000	2000	Each leg evaluated as an outright		
ULSD 10ppm CIF MED (Platts) vs. Low Sulphur Gasoil Futures	AZ7	\$2.00 per metric ton	2000	2000	Each leg evalua	ted as an outright	<u>N/A</u>
European 3.5% Fuel Oil Barges FOB Rdam (Platts) Mini Weekly Differential Futures- European 3.5% Fuel Oil Barges Fob Rdam (Platts) Mini Weekly Spread Futures	EMW	\$2.00 per metric ton	2000	2000	500	500	
European Naphtha (Platts) Calendar Futures European Naphtha Cargoes CIF NWE (Platts) Futures	UN	\$2.00 per metric ton	2000	2000	500	500	
Low Sulphur Gasoil Crack Spread (1000mt) <u>BALMO</u> Financial Futures	ESS	\$1.00 per barrel	1000	1000	1000	250	<u>N/A</u>
Mini RBOB Gasoline vs. Euro-bob Oxy NEW_NWE Barges (Argus) Futures	МХВ	\$0.015 per gallon	1500	1500	375	375	N/A N/A
Mini RBOB Gasoline vs. Euro-bob Oxy NEW NWE Barges (Argus) BALMO Futures	MXR	\$0.015 per gallon	1500	1500	375	375	
NY Buckeye Jet Fuel (Platts) vs. <u>NY</u> <u>Harbor</u> ULSD Futures	JET	\$0.025 per gallon	250	250	63	63	<u>N/A</u>
Micro Coal (API 5) fob Newcastle (Argus/McCloskey) Futures	M5F	\$2.00 per metric ton	200	200	50	50	
Mini Dated Brent (Platts) Financial Futures	MDB	\$1.00 per barrel	100	100	25	25	
Mid-Columbia Day- Ahead Peak Calendar-Month 5 MW Futures	MDL	\$2.00 per MWh	200	200	50	50	N/A N/A
Henry Hub NBP (ICIS Heren) Natural Gas Spread Futures	NYP	\$.10 per MMBtu	100	100	25	25	N/A N/A
Henry Hub TTF (ICIS Heren) Natural Gas Spread Futures	THD	\$.10 per MMBtu	100	100	25	25	<u>N/A</u>

Mini-Argus Butane	i i		1	Ì	l	Ī	Ī
(Saudi Aramco) Futures	MAA	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u>
Mini Argus Propane (Saudi Aramco)	MAS	\$2.00 per metric ton	2000	2000	300	300	N/A
Futures Mini Argus Propane					500	500	N/A
Far East Index Futures	MAE	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u> <u>N/A</u>
Mini European Propane CIF ARA (Argus) Futures	MPS	\$2.00 per metric ton	200	200	50	50	<u>N/A</u>
Mont Belvieu LDH Propane (OPIS) vs. European Propane CIF ARA (Argus) Futures	51	\$2.00 per metric ton	2000	2000	500	500	
East-West Fuel Oil Spread (Platts) Futures	FEW	\$2.00 per metric ton	2000	2000	500	500	
European Diesel 10ppm Barges FOB Rdam (Platts) vs. NY Harbor ULSD Futures	EL1	\$2.00 per metric ton	2000	2000	500	500	N/A N/A
Gasoline Euro-bob Oxy NWE Barges (Argus) vs European Naphtha CIF NWE (Platts) Futures	EGN	\$2.00 per metric ton	200	200	50	50	N/A
European Low Sulphur Gasoil Brent Crack Balmo Spread Futures	ESB	\$1.00 per barrel	1000	1000	250	250	N/A N/A
Gasoline Euro-bob Oxy NWE Barges (Argus) vs. European Naphtha CIF NWE (Platts) BALMO Futures	EGB	\$2.00 per metric ton	200	200	50	50	N/A N/A
Low Sulphur Gasoil Crack Spread (1000mt) Financial Futures	GOC	\$1.00 per barrel	1000	1000	250	250	
Gasoline Euro-bob Oxy (Argus) NWE Barges BALMO Futures	BR7	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u>
Gulf Coast Heating Oil (Argus) vs. NY Harbor ULSD Futures	7U	\$0.025 per gallon	250	250	63	63	<u>N/A</u>
Gulf Coast Heating Oil (Argus) Futures	4U	\$0.025 per gallon	250	250	63	63	<u>N/A</u> <u>N/A</u>
Gulf Coast ULSD (Platts) Crack Spread Futures	GY	\$1.00 per barrel	100	100	25	25	N/A N/A
Gulf Coast ULSD (Platts) Futures	ALY	\$0.025 per gallon	250	250	63	63	<u>N/A</u> <u>N/A</u>
Japan C&F Naphtha (Platts) Futures	JA	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u> <u>N/A</u>
Japan C&F Naphtha Dubai (Platts) Crack Spread Futures	JNC	\$1.00 per barrel	1000	1000	250	250	

Middle East Gasoil	I I		ĺ	1	1		ı
FOB Arab Gulf	MPE	\$1.00 per barrel	1000	1000			N/A
(Platts) Futures		y1.00 per barrer	1000	1000	250	250	N/A
Middle East Gasoil							
FOB Arab Gulf	NADC	Ć1 00 la l	4000	1000			
(Platts) BALMO	MBS	\$1.00 per barrel	1000	1000			N/A
Futures					250	250	<u>N/A</u>
Mini 1% Fuel Oil							
Cargoes CIF	MFP	\$2.00 per metric ton	2000	2000			N/A
NWE(Platts) Futures					500	500	<u>N/A</u>
Mini 1% Fuel oil							
Cargoes FOB NWE							
(Platts) Crack	MNS	\$2.00 per metric ton	2000	2000			
Spread (100mt)							<u>N/A</u>
Futures					500	500	<u>N/A</u>
Mini Argus Gasoline							
Eurobob Oxy Barges	MAC	\$1.00 per barrel	1000	1000			
NWE Crack Spread		•			252	252	N/A
(100mt) Futures					250	250	<u>N/A</u>
Micro European							
3.5% Fuel Oil Barges	MEF	\$2.00 per metric ton	2000	2000			
FOB Rotterdam					500		N/A
(Platts) Futures					500	500	N/A
Mini Gasoline Euro-							
bob Oxy NWE	MEB	\$2.00 per metric ton	2000	2000			N1/A
Barges (Argus)					Γ00	Γ00	N/A
BALMO Futures					500	500	N/A
Mini Middle East							
HSFO 180 cst FOB	MHE	\$2.00 per metric ton	2000	2000			N1/A
Arab Gulf (Platts)					500	500	<u>N/A</u> <u>N/A</u>
Futures Mini Middle East					500	500	IN/A
HSFO 180 cst FOB							
Arab Gulf (Platts)	MGS	\$2.00 per metric ton	2000	2000			N/A
BALMO Futures					500	500	N/A
Mini Middle East					300		<u> </u>
HSFO 380 cst FOB							
Arab Gulf (Platts)	MSE	\$2.00 per metric ton	2000	2000			N/A
Futures					500	500	N/A
Mini Middle East							
HSFO 380 cst FOB		***					
Arab Gulf (Platts)	MHS	\$2.00 per metric ton	2000	2000			N/A
BALMO Futures					500	500	N/A
Mini Middle East							
Naphtha FOB Arab	MME	\$2.00 per metric ton	2000	2000			N/A
Gulf (Platts) Futures					500	500	N/A
Mini Middle East							
Naphtha FOB Arab	MNE	\$2.00 per metric ton	2000	2000			
Gulf (Platts) BALMO	IVIINL	92.00 per metric ton	2000	2000			N/A
Futures					500	500	<u>N/A</u>
Mini Naphtha							
Cargoes CIF NWE							
(Argus) Crack	NCC	\$2.00 per metric ton	2000	2000			
Spread (100mt)						_	<u>N/A</u>
Futures					500	500	N/A
Mini Singapore Fuel							
Oil 380cst (Platts)							
vs. European 3.5%	MSB	\$2.00 per metric ton	2000	2000			
Fuel Oil Barges FOB							
Rdam (Platts)					500	500	N/A
Futures			+		500	500	N/A
Naphtha Cargoes							
Crack Spread	NOO	\$1.00 per barrel	1000	1000			NI/A
Crack Spread (1000mt) Futures					250	250	<u>N/A</u>
(±000iiit) rutures				<u> </u>	∠3∪	∠3∀	<u>IN/ A</u>

NY RBOB (Argus)	NYA	\$0.025 per gallon	250	250	62	62	N/A	
Gasoline Futures NY RBOB (Argus) vs. RBOB Gasoline	NYR	\$0.025 per gallon	250	250	63	63	N/A	
Futures	INTE	50.025 per ganon	230	230	63	63	N/A	
NY Buckeye Jet Fuel (Platts) Futures	BUC	\$0.025 per gallon	250	250	63	63	N/A N/A	
RBOB Gasoline vs. NY Harbor ULSD Futures	ARY	\$0.025 per gallon	250	250	63	63	<u>N/A</u>	
Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Futures	STR	\$1.00 per barrel	1000	1000	250	250	N/A N/A	
Singapore Fuel Oil 180cst (Platts) Brent Crack Spread (1000mt) Futures	SF1	\$2.00 per metric ton	2000	2000	500	500	N/A N/A	
Singapore Fuel Oil 180 cst (Platts) Mini Weekly Spread Futures	SMW	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u>	
Singapore Fuel Oil 380cst (Platts) Brent Crack Spread (1000mt) Futures	SF3	\$2.00 per metric ton	2000	2000	500	500	<u>N/A</u>	
Singapore Fuel Oil 380 cst (Platts) Mini Weekly Spread Futures	SDM	\$2.00 per metric ton	2000	2000	500	500	N/A N/A	
Micro Singapore Fuel Oil 380CST	N40.5	ć2 00 novemetrie tes	2000	2000	500	500	N/A	
(Platts) Futures Singapore Mogas 92 Unleaded (Platts)	MAF N1B	\$2.00 per metric ton \$1.00 per barrel	1000	1000	500	500	N/A N/A	
Futures Singapore Mogas 97 Unleaded (Platts) BALMO Futures	YNO	\$1.00 per barrel	1000	1000	250 250	250 250	N/A N/A	
ULSD 10ppm Cargoes CIF Med (Platts) vs. NY Harbor ULSD Futures	EP1	\$2.00 per metric ton	2000	2000	500	500	N/A N/A	
ULSD 10ppm Cargoes CIF NWE (Platts) vs. NY Harbor ULSD Futures	EO1	\$2.00 per metric ton	2000	2000	500	500	N/A N/A	
Hardisty Western Canadian Select (NE2) Daily Index Futures	WCC	\$1.00 per barrel	1000	1000	Each leg evaluated as an outright		250 250	
Edmonton Light Sweet (NE2) Daily Index Futures	CIL	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	<u>250</u>	
Clearbrook Bakken Sweet (NE2) Monthly Index Futures	CSW	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	250 250	
Guernsey Light Sweet Crude Oil Monthly Index (Net Energy) Futures	GSW	\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	250 250	

ler	1		I	1			٦
Edmonton Light Sweet (NE2)	LSW						
Monthly Index		\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	250
Futures							<u>250</u>
LOOP Crude Oil	LPS	\$0.10 per barrel	100	100	Each log ovalua	ted as an outright	25
Storage Futures		30.10 per barrer	100	100	Eder leg evaluated as all outright		<u>25</u>
Edmonton Synthetic	SSW						
Sweet (NE2)		\$1.00 per barrel	1000	1000	Each leg evaluated as an outright		
Monthly Index							250
Futures)A/C)A/						<u>250</u>
Hardisty Western Canadian Select	WCW						
(NE2) Monthly Index		\$1.00 per barrel	1000	1000	Each leg evalua	ted as an outright	250
Futures							250
Western Canadian	WCE						250
Select (WCS) Crude		\$1.00 per barrel	100	100	Fach log ovalua	ted as an outright	25
Oil Futures		91.00 per burrer	100	100	Lucii icg cvaida	ted as an outright	25
MISO Indiana Hub 5							
Month Peak							
Calendar-Month	AH3	\$2.00 per MWh	200	40	Each leg evalua	ted as an outright	50
Real-Time Futures							10
Argus Propane							_
(Saudi Aramco)	A9N	\$4.00 per metric ton	4000	4000	Each leg evalua	ted as an outright	1000
Futures		•				ū	1000
Argus Propane Far	۸.7.	¢4.00 per metric ten	4000	4000	Fach log avalua	tod as an autriaht	1000
East Index Futures	A7E	\$4.00 per metric ton	4000	4000	Each leg evalua	ted as an outright	<u>1000</u>
Conway Natural							
Gasoline (OPIS)	A8L	\$0.015 per gallon	1500	1500	Each leg evalua	ted as an outright	375
Futures							<u>375</u>
Conway Normal							
Butane (OPIS)	A8M	\$0.015 per gallon	1500	1500	Each leg evalua	ted as an outright	<u>375</u>
Futures							<u>375</u>
Mont Belvieu							
Ethylene (PCW)	MBR	\$0.01 per pound	1000	1000	Each leg evalua	ted as an outright	250
Financial Futures							<u>250</u>
Mont Belvieu Iso-	4.01	60.045	4500	4500	Facilities and a	ted comment to the	275
Butane (OPIS)	A8I	\$0.015 per gallon	1500	1500	Each leg evalua	ted as an outright	375
Futures Mont Belvieu							<u>375</u>
Natural Gasoline	A7Q	\$0.015 per gallon	1500	1500	Fach leg evalua	ted as an outright	375
(OPIS) Futures	774	50.015 per ganon	1300	1300	Eden leg evalua	tea as an oathgre	375
Mont Belvieu							373
Normal Butane LDH	MNB	\$0.015 per gallon	1500	1500	Each leg evalua	ted as an outright	375
(OPIS) Futures		perozo per gamen	1333	2555	Zaon leg evalua	ted do dir oderigine	375
Mont Belvieu Spot							
Ethylene In-Well	MBE	\$0.01 per pound	1000	1000	Each leg evalua	ted as an outright	250
(PCW) Futures					_	_	<u>250</u>
PGP Polymer Grade							
Propylene (PCW)	PGG	\$0.01 per pound	1000	1000	Each leg evalua	ted as an outright	250
Financial Futures							<u>250</u>
Propane Non-LDH							
Mont Belvieu (OPIS)	A1R	\$0.015 per gallon	1500	1500	Each leg evalua	ted as an outright	<u>375</u>
Futures						1	<u>375</u>
Brent Crude Oil				_			
Penultimate	BB	\$0.50 per barrel	50	50			Each leg evaluated
Financial Futures					13	13	as an outright
German Power		62.00	200	200			Facilities and the second
Baseload Calendar	, DEC	€2.00 per MWh	200	200	50	F0	Each leg evaluated
Month Futures	DEB				50	50	as an outright
German Power		£2.00 n== 1.414/b	200	200			Food log such set of
Peakload Calendar	DED	€2.00 per MWh	200	200	F0	FO	Each leg evaluated
Month Futures Italian Power	DEP				50	50	as an outright Each leg evaluated
Peakload (GME)	ITP	€2.00 per MWh	200	200	50	50	as an outright
i cakioau (GIVIE)	HIF			<u> </u>	50	50	as an outright

Calendar Month							
Futures Gulf Coast ULSD (Platts) Up-Down Spread Futures	LT	\$0.025 per gallon	250	250	63	63	Each leg evaluated as an outright
Midwest ISO Indiana Hub Off Peak LMP Futures MISO Indiana Hub (formerly Cinergy Hub) Real-Time Off- Peak Calendar- Month 5 MW Futures	EJL	\$2.00 per MWh	200	40	N/A	N/A	Each leg evaluated as an outright
Italian Power Baseload (GME) Calendar Month Futures	ITB	€2.00 per MWh	200	200	N/A	N/A	Each leg evaluated as an outright
NYISO Zone G 5 MW Peak Calendar- Month Day-Ahead LBMP Futures	T3L	\$2.00 per MWh	200	40	N/A	N/A	Each leg evaluated as an outright
ERCOT South 345 kV Hub 5 MW Off-Peak Futures	AJ1	\$2.00 per MWh	200	40- 200			
Conway Physical Propane In-Well (OPIS) Futures	CPP	\$0.025 per gallon	250	250	Each leg evalua	ted as an outright	N/A N/A
PJM Peak Calendar- Day LMP Futures PJM Western Hub Real-Time Peak Calendar-Day 5 MW Futures	JDL	\$2.00 per MWh	200	40			
PJM Western Hub Off Peak Calendar Month Real Time LMP Futures PJM Western Hub Real Time Off-Peak Calendar-Month 5 MW Futures	N9L	\$2.00 per MWh	200	40			
PJM Western Hub Peak Calendar Month Day Ahead LMP Futures PJM Western Hub Day- Ahead Peak Calendar-Month 5 MW Futures	J4L	\$2.00 per MWh	200	40			
USGC Marine Fuel 0.5% (Platts) BALMO Futures- USGC Marine Fuel 0.5% Barges (Platts) BALMO Futures	Н5В	\$1.00 per barrel	100	100			
USGC Marine Fuel 0.5% (Platts) vs. Gulf Coast HSFO (Platts) BALMO Futures USGC Marine Fuel 0.5% Barges (Platts) vs. Gulf Coast HSFO (Platts) BALMO Futures	НGВ	\$1.00 per barrel	100	100			

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Agriculture:

Instrument

Name

Globex Non-Reviewable Ranges (NRR)

Agriculture		Outrights		Spreads			
	Globex Symbol	Globex Non-Reviewable Ranges (NRR)	NRR: Globex Format	NRR: Minimum Ticks	NRR: Globex Format	NRR: Minimum Outright Ticks	Change To:
Agricultural Futures							
Grains and Oilseeds (CME)							
Bursa Malaysia Crude Palm Oil – Gasoil Spread Futures	POG	\$15.00 per metric ton	15000	60	"Each leg evaluated as an outright"		N/A N/A
USD Malaysian Crude Palm Oil Calendar Futures	СРО	\$15.00 per metric ton	1500	60	"Each leg evaluated as an outright"		
USD Malaysian Palm Olein Calendar Futures	OPF	\$15.00 per metric ton	1500	60	"Each leg evaluate	d as an outright"	N/A N/A

Equities:

Instrument

Name Globex Non-Reviewable Ranges (NRR)

Equities		Outrights			Spreads			
	Globex Symbol	Globex Non-Reviewable Ranges (NRR)	NRR: Globex Format	NRR: Minimum Ticks	NRR: Globex Format	NRR: Outright Minimum Ticks		
S&P Master Limited								
Partnership (S&P) MLP) Futures	MLP	12 index points	1200	24	300	6		
BTIC on E-mini Real Estate Select Sector Futures	XRT	1 index points	50 <u>100</u>	5 <u>20</u>	N/A	N/A		
E-mini Nikkei 225 (Yen) Futures	ENY	100 index points	100	10	50 <u>N/A</u>	5 <u>N/A</u>		
BTIC on Yen Denominated TOPIX Futures	ТРВ	2.00 index points	200	4 20	N/A	N/A		
S&P 500 Futures	SP	6 index points	600	60	150 <u>N/A</u>	15- <u>N/A</u>		

Weather:

Instrument

Name Globex Non-Reviewable Ranges (NRR)

,	Weather	Outright				Spreads		
		Globex Symbol	Globex Non-Reviewable Ranges (NRR)		NRR: Ticks	NRR: Globex Format	NRR: Minimum	Changed To:

			NRR: Globex Format		Outright Ticks		
Weather	Weather - U.S. Cooling and Heating (Monthly and Seasonal) (CME)						
Atlanta	H1, K1	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Boston	HW	25.00 index points	25	25	-Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Chicago	H2, K2	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Cincinnati	Н3, К3	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Dallas	H5, K5	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Des Moines	H9	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Las Vegas	но, ко	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Minneapolis	HQ, KQ	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
New York	H4, K4	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u>	
Philadelphia	H6	25.00 index points	25	25	<u>Each leg evaluated as an</u> outright	N/A N/A	
Portland	H7	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u>	
Sacramento	HS, KS	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u>	
Tucson	H8	25.00 index points	25	25	Each leg evaluated as an outright	N/A N/A	
Washington D.C.	₩	25.00 index points	25	25	Each leg evaluated as an outright		
Europe & P	Europe & Pacific Rim Cooling and Heating (Monthly and Seasonal) (CME)						
Amsterdam	D2, G2	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
London	D0, G0	25.00 index points	25	25	Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
Paris	D1	25.00 index points	25	25	– Each leg evaluated as an outright	<u>N/A</u> <u>N/A</u>	
<u>Tokyo</u>	<u>G6</u>	25.00 index points	<u>25</u>	<u>25</u>	N/A N/A	_	