

March 15, 2013

#### VIA E-MAIL

Ms. Melissa Jurgens Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21st Street, N.W. Washington, DC 20581

> RE: Regulation 40.6(a). Chicago Mercantile Exchange Inc./ The Board of Trade of the City of Chicago, Inc./ The New York Mercantile Exchange, Inc./ Commodity

Exchange, Inc.

Submission # 13-066: Revisions to CME, CBOT and NYMEX/COMEX Position Limit,

**Position Accountability and Reportable Level Tables** 

Dear Ms. Jurgens:

Chicago Mercantile Exchange Inc. ("CME"). The Board of Trade of the City of Chicago. Inc. ("CBOT"). The New York Mercantile Exchange, Inc. ("NYMEX") and Commodity Exchange, Inc. ("COMEX"), (collectively, the "Exchanges") are self-certifying revisions to the Position Limit, Position Accountability and Reportable Level Tables (collectively, the "Tables") in the Interpretations & Special Notices Section of Chapter 5 in the Exchanges' Rulebooks.

The revisions will become effective on April 1, 2013 and are being adopted to ensure that the Tables are in compliance with CFTC Core Principle 7 ("Availability of General Information"), which requires that DCMs make available to the public accurate information concerning the contract market's rules and regulations, contracts and operations. In connection with CFTC Core Principle 7, the Exchanges launched a Rulebook Harmonization Project with the goal of eliminating old, erroneous and obsolete language, ensuring the accuracy of all listed values (e.g., position limits, aggregation, diminishing balances, etc.) and harmonizing the language and structure of the Tables and product chapters to the best extent possible.

The changes to the Tables are primarily stylistic in nature (e.g., format, extra columns, tabs, product groupings, etc.). In addition, the new Tables, which were formally set forth in their entirety in each Rulebook will only be available in Excel format via a hyperlink in the Interpretations & Special Notices Section of Chapter 5 in each Rulebook. The shift from .pdf to Excel format was based on accuracy, maintainability and customer demand. Only cells/columns that are applicable to a specific product are populated.

#### The substantive changes to the NYMEX/ COMEX Table can be summarized as follows:

#### Diminishing Balance

The following contracts (listed by code) are being marked as diminishing balance contracts to properly reflect the rule language regarding pricing of these contracts over the course of a month. This list also includes contracts where the contract that it aggregates into for a futures equivalent value diminishes: GFC, 9Q, Z0, 7R, U7, KU, KZ, Y0, NFC, 6V, 1P, 7N, U9, B7, X9, X6, 7X, 8W, 1S, 7S, E6, B1, KR, X7, 4V, 7V, 6G, J9, VK, KX, W0, FK, 3V, NFG, 8G, BI, VU, F3, B8, MNB, FS, FOR, 8D, BT, SD, BS, EW, PIO, TIO, ESF, NSF, SSF, AUP, JB

- The following contracts are having the diminishing balance logic removed to properly reflect the pricing logic: BY, 9N, MAS
- Natural Gas Swing contracts are reported and traded on a day-by-day basis and, as such, there is no need to diminish. Therefore, the following Natural Gas Swing contracts are having the diminishing balance logic removed: A1, SK, K6, T7, T6, M3, C6, SF, SH, T9, J6, W5, K7, SV, Q7, OW, SX, X2, J7, J3, M4, T4, SU, ST, X5, K9, SJ, SL, T2, C8, SM, J8, X8, SQ, SY, DT, SS, OX, SN, X4, VX, U8, VS, T8, Y9, K8, X3, PX, SR, W9

#### **Aggregations**

- RGGI contract codes 76, 96, and 86 are being changed from aggregating into themselves to aggregating into contract RJ. The Exchange feels this is appropriate given the terms of the contracts.
- CAR contract codes 93, 94 and 95 are being changed from aggregating into themselves to aggregating into contract CR. The Exchange feels this is appropriate given the terms of the contracts.
- The Heating Oil Crack Spread Option, contract code CH, aggregates into leg (1) HO and leg (2) CL in order to properly calculate the futures equivalent position in accordance with the trading units outlined in the product chapter. This previously had aggregated into leg (1) CL and leg (2) HO.
- The WTI-Brent Crude Oil Spread Option, contract code BV, aggregates into leg (1) 26 and leg (2) BZ in order to properly calculate the futures equivalent position in accordance with the trading units outlined in the product chapter. This previously had aggregated into leg (1) BZ only.
- The ISO New England Mass Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures, contract code U6, aggregates into leg (1) NI to remain consistent with other ISO contracts.
- The Daily Brent Crude Oil Option, contract code ODB, aggregates into leg (1) BB. This previously had aggregated into leg (2) BB.
- 30 Natural Gas Basis Futures, Basis Options and Index Futures aggregations is being changed from aggregating into the Basis Future to aggregating into the Fixed Price Future in following contracts: TC, 5D, Q1, PG, IH, NH, 5F, IP, NJ, IJ, PM, IL, NL, 5G, IW, NR, 5I, IR, PH, 5K, IV, HB, 5E, IN, NF, 4W, Y8, NW, 5O, IY.
- The Table includes changes to 16 ERCOT contracts effective March 10, 2013 as filed to the CFTC under Submission No. 13-035 on February 22, 2013.

#### Accountability/Limits

- Single month accountability level for the ENF equals 500 for the aggregate into leg (2) to reflect GFS single month accountability level.
- Accountability level and limits for certain metals options (PO, HX, OG and SO) and energy
  options (LO, ON, HHQ, OB, OH) reflect the levels/limits established in the corresponding
  underling aggregate into leg (1) contract. The Exchange is utilizing the same accountability level
  for options and futures to provide consistency to the marketplace.

- Spot month limits for options (M2, Q6, N2, C5, PPB, TDT) reflect limits established in the corresponding underling aggregate into leg (1) contract.
- Corrected an administrative error where the limit for the F8 contract of 1,000 was erroneously placed in the Expiration Accountability column.
- Corrected an administrative error where the single month accountability level of the RBR contract erroneously had 5,000 contracts instead of 50,000 contracts.
- Corrected an administrative error where the limits for the 6J, 4D, and 6I contracts of 1,000 were erroneously placed in the Expiration Accountability column.
- Clarified in the column headings that position limits are calculated on a net futures equivalent basis, as opposed to a gross basis.

#### The substantive changes to the CME and CBOT Tables can be summarized as follows:

- Added the following comprehensive information: specific commodity codes, hyperlinks to Rulebook chapters, contract sizes/units, settlement information (e.g., financially settled, physically delivered, etc.), position limit applicability pertaining to shipping certificates and warehouse receipts (i.e., maximum number of certificates or receipts that can be held), product aggregation language and intra crop year spread allowance language.
- Corrected an administrative error where the spot month limit in the CME Cleared OTC U.S. Dollar/ Korean Won (USD/ KRW) was listed as 20,000 contracts instead of 2,000 contracts.
- Clarified in the column headings that position limits are calculated on a net futures equivalent basis, as opposed to a gross basis.
- Corrected an administrative error where the following two recently-launched contracts were missing from the CME Table: Indian Rupee/ U.S. Dollar (INR/USD) futures and E-Micro Indian Rupee/ U.S. Dollar (INR/USD) futures.

### Reportable Levels

- Changed the reportable levels from "N/A" to 1 contract for all CME cleared over-the-counter ("OTC") foreign exchange ("FX") spot, forward and swap products for surveillance purposes.
- Changed the reportable level in the CME Three-Month Overnight Index Swap options from 50 to 25 contracts, which is the same level as the underlying futures contract. The Exchange is utilizing the same reportable level for options and futures to provide consistency to the marketplace.
- Changed the reportable level in the CBOT 30-Year Interest Rate Swap options from 25 to 500 contracts, which is the same level as the underlying futures contract. The Exchange is utilizing the same reportable level for options and futures to provide consistency to the marketplace.
- Corrected an administrative error where the reportable level in CME U.S. Dollar/ Chinese Renminbi (USD/RMB or CNY) futures with U.S. Dollar Banking was listed as "N/A" instead of 25 contracts.

Corrected administrative errors where the reportable levels in CBOT U.S. Treasury Bond weekly options, CBOT Long-Term U.S. Treasury Bond weekly options and CBOT Mid-Term U.S. Treasury Note weekly options were listed as 1500, 1500 and 2000 contracts, respectively, and should all be listed as 25 contracts.

The Market Regulation Department and the Legal Department collectively reviewed the DCM Core Principles as set forth in the Commodity Exchange Act ("Act"). During the review, we have identified that the changes described above may have some bearing on the following Core Principles:

<u>Compliance with Rules:</u> The changes resulted from a comprehensive review of the existing product chapters and Tables, with the goal that the Tables be completely accurate, comprehensive and, for the most part, harmonized between the Exchanges as a result of the revisions. Product terms, product codes, position limits, position accountability, reportable levels, aggregations, diminishing balances and all other material values were reviewed to ensure accuracy, and obsolete and inaccurate information was removed or modified.

<u>Position Limitations or Accountability</u>: This Core Principle requires the DCM to adopt for each contract, as is necessary and appropriate, position limitations or position accountability for speculators. To eliminate multiple sources containing the same information, all specific position limits, accountability levels and reportable levels were removed from the CME product chapters and will be removed from the CBOT, NYMEX and COMEX product chapters in the future for harmonization purposes. As such, the Tables were reviewed for accuracy and inclusion of all material product specifications pertaining to position limits, position accountability and reportable levels

<u>Availability of General Information:</u> These revised Tables are part of a larger Core Principle 7 project undertaken to ensure that the product chapters are accurate and remain in compliance with Core Principle 7. Notice pertaining to the revised Tables will be disseminated to the marketplace via the issuance of a Special Executive Report and will highlight any changes deemed material.

The revisions appear in Exhibits A, B and C.

The Exchange certifies that the revisions in Exhibits A, B and C comply with the Act and regulations thereunder. There were no substantive opposing views to this proposal.

The Exchange certifies that this submission has been concurrently posted on the Exchange's website at <a href="http://www.cmegroup.com/market-regulation/rule-filings.html">http://www.cmegroup.com/market-regulation/rule-filings.html</a>.

If you have any questions regarding this submission, please contact Erin Schwartz, Market Regulation, at 312.341.3083 or via email at <a href="mailto:Erin.Schwartz@cmegroup.com">Erin.Schwartz@cmegroup.com</a> or Robert Sniegowski, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Market Regulation, at 312.341.5991 or via email at <a href="mailto:Robert.Sniegowski@cmegroup.com">Robert Sniegowski</a>, Please reference Submission No. 13-066 in any related correspondence.

Sincerely,

/s/ Sean Downey Senior Director & Associate General Counsel

#### Attachments:

Exhibit A - Revised CME Position Limit, Position Accountability and Reportable Level Table

Exhibit B - Revised CBOT Position Limit, Position Accountability and Reportable Level Table

Exhibit C - Revised NYMEX/COMEX Position Limit, Position Accountability and Reportable Level Table

		Commodity		
Contract Name	Rule Chapter			Contract Units
Australian Dollar/ Canadian Dollar (AD/CD) Cross		AC		Australian dollars
Australian Dollar/ Japanese Yen (AD/ JY) Cross Ra		AJ	•	Australian dollars
Australian Dollar/Japanese Yen CME WM/Reuters		AUDJYC		Australian dollars
Australian Dollar/New Zealand Dollar (AD/ NE) Cr		AN	•	Australian dollars
Australian Dollar/U.S. Dollar (AUD/USD)	255 & 255A	AD		Australian dollars
Australian Dollar (European)	<u>255A</u>	XA		Australian dollars
Australian Dollar week 1	<u>255A</u>	1A		Australian dollars
Australian Dollar week 1 (European)	<u>255A</u>	AD1		Australian dollars
Australian Dollar week 2	<u>255A</u>	2A		Australian dollars
Australian Dollar week 2 (European)	<u>255A</u>	AD2		Australian dollars
Australian Dollar week 3	<u>255A</u>	3A		Australian dollars
Australian Dollar week 3 (European)	<u>255A</u>	AD3	1	Australian dollars
Australian Dollar week 4	<u>255A</u>	4A	1	Australian dollars
Australian Dollar week 4 (European)	<u>255A</u>	AD4	1	Australian dollars
Australian Dollar week 5	<u>255A</u>	5A	1	Australian dollars
Australian Dollar week 5 (European)	<u>255A</u>	AD5	1	Australian dollars
E-micro Australian Dollar/U.S. Dollar	<u>291</u>	M6A	10,000	Australian dollars
Australian Dollar/U.S Dollar CME WM/Reuters OT	Г <u>300</u>	AUDUSC	100,000	Australian dollars
Australian Dollar/U.S Dollar CME WM/Reuters OT	Г <u>300</u>	AUDUSD	100,000	Australian dollars
Australian Dollar/U.S Dollar CME WM/Reuters OT	T <u>300</u>	AUDUSF	100,000	Australian dollars
Brazilian Real/U.S. Dollar (BRL/USD)	257 & 257A	BR	100,000	Brazilian reais
Brazilian Real week 1	<u>257A</u>	1R	1	Brazilian real futu
Brazilian Real week 2	<u>257A</u>	2R	1	Brazilian real futu
Brazilian Real week 3	<u>257A</u>	3R	1	Brazilian real futu
Brazilian Real week 4	<u>257A</u>	4R	1	Brazilian real futu
Brazilian Real week 5	<u>257A</u>	5R	1	Brazilian real futu
Cleared OTC U.S. Dollar/ Brazilian Real (USD/BRL)	<u>257H</u>	USDBRL	100,000	Brazilian reais not
British Pound Sterling/U.S. Dollar (GBP/USD)	251 & 251A	ВР	62,500	British Pound Ste
British Pound Sterling (European)	<u>251A</u>	YB	1	British Pound Ste
British Pound Sterling week 1	<u>251A</u>	1B	1	British Pound Ste
British Pound Sterling week 1 (European)	<u>251A</u>	1P	1	British Pound Ste
British Pound Sterling week 2	<u>251A</u>	2B	1	British Pound Ste

British Pound Sterling week 2 (European)	<u>251A</u>	2P	1	British Pound Ste
British Pound Sterling week 3	<u>251A</u>	3B	1	British Pound Ste
British Pound Sterling week 3 (European)	<u>251A</u>	3P	1	British Pound Ste
British Pound Sterling week 4	<u>251A</u>	4B	1	British Pound Ste
British Pound Sterling week 4 (European)	<u>251A</u>	4P	1	British Pound Ste
British Pound Sterling week 5	<u>251A</u>	5B	1	British Pound Ste
British Pound Sterling week 5 (European)	<u>251A</u>	5P	1	British Pound Ste
E-micro British Pound Sterling/U.S. Dollar	<u>290</u>	M6B	6,250	British Pound Ste
British Pound Sterling/Japanese Yen (BP/ JY) Cros	\$ <u>305</u>	BY	125,000	British Pounds Ste
British Pound Sterling/ Swiss Franc (BP/ SF) Cross	<u>306</u>	BF	125,000	British Pounds Ste
British Pound Sterling/U.S Dollar CME WM/Reute	er <u>300</u>	GBPUSC	62,500	British Pound Ste
British Pound Sterling/U.S Dollar CME WM/Reute	er <u>300</u>	GBPUSD	62,500	British Pound Ste
British PoundSterling/U.S Dollar CME WM/Reute	r <u>300</u>	GBPUSF	62,500	British Pound Ste
Canadian Dollar/U.S. Dollar (CAD/USD)	252 & 252A	C1	100,000	Canadian dollar
Canadian Dollar (European)	<u>252A</u>	YD	1	Canadian dollar fı
Canadian Dollar week 1	<u>252A</u>	1C	1	Canadian dollar fı
Canadian Dollar week 1 (European)	<u>252A</u>	1D	1	Canadian dollar fı
Canadian Dollar week 2	<u>252A</u>	2C	1	Canadian dollar fı
Canadian Dollar week 2 (European)	<u>252A</u>	2D	1	Canadian dollar fı
Canadian Dollar week 3	<u>252A</u>	3C	1	Canadian dollar fı
Canadian Dollar week 3 (European)	<u>252A</u>	3D	1	Canadian dollar fı
Canadian Dollar week 4	<u>252A</u>	4C	1	Canadian dollar fı
Canadian Dollar week 4 (European)	<u>252A</u>	4D	1	Canadian dollar fı
Canadian Dollar week 5	<u>252A</u>	5C	1	Canadian dollar fı
Canadian Dollar week 5 (European)	<u>252A</u>	5D	1	Canadian dollar fı
E-micro U.S. Dollar/Canadian Dollar	<u>340</u>	M6C	10,000	U.S. dollars
E-micro Canadian Dollar / U.S. Dollar	<u>293</u>	MCD	10,000	Canadian dollars
U.S. Dollar Canadian Dollar CME WM/Reuters OT	( <u>300</u>	USDCAC	100,000	U.S. dollars in not
U.S. Dollar Canadian Dollar CME WM/Reuters OT	( <u>300</u>	USDCAD	100,000	U.S. dollars in not
U.S. Dollar Canadian Dollar CME WM/Reuters OT	( <u>300</u>	USDCAF	100,000	U.S. dollars in not
Canadian Dollar/Japanese Yen CME WM/Reuters	<u>300</u>	CADJYC	100,000	Canadian dollars
Canadian Dollar/US Dollar CME WM/Reuters Swa	a <u>300</u>	CADUSD	100,000	Canadian dollars
Canadian Dollar/Japanese Yen (CD/ JY) Cross Rate	e <u>311</u>	CY	200,000	Canadian dollars
Cleared OTC U.S. Dollar/ Chilean Peso (USD/CLP)	<u>274H</u>	USDCLP	100,000	U.S. Dollar in noti
Chinese Renminbi/U.S. Dollar (RMB/USD)	270 & 270A	RMB	1,000,000	yuan Chinese ren
Chinese Renminbi (USD) week 1	<u>270A</u>	RB1	1	yuan Chinese ren
Chinese Renminbi (USD) week 2	<u>270A</u>	RB2	1	yuan Chinese ren
Chinese Renminbi (USD) week 3	<u>270A</u>	RB3	1	yuan Chinese ren
Chinese Renminbi (USD) week 4	<u>270A</u>	RB4	1	yuan Chinese ren

Chinese Renminbi (USD) week 5	270A	RB5	1 yuan Chinese ren
E-micro U.S. Dollar/Chinese Renminbi (USD/RMB	<u>343J</u>	MNY	10,000 U.S. dollars
Cleared OTC U.S. Dollar/Chinese Renminbi (USD/	F <u>270H</u>	USDCNY	100,000 U.S. Dollar in noti
U.S. Dollar/Chinese Renminbi (USD/RMB or CNY)	<u>270J</u>	CNY	100,000 U.S. dollars
Chinese Renminbi / Euro (RMB/ Euro) Cross Rate	318 & 318A	RME	1,000,000 Yuan Chinese ren
Chinese Renminbi (EURO) week 1	<u>318A</u>	RE1	1 Yuan Chinese ren
Chinese Renminbi (EURO) week 2	<u>318A</u>	RE2	1 Yuan Chinese ren
Chinese Renminbi (EURO) week 3	<u>318A</u>	RE3	1 Yuan Chinese ren
Chinese Renminbi (EURO) week 4	<u>318A</u>	RE4	1 Yuan Chinese ren
Chinese Renminbi (EURO) week 5	<u>318A</u>	RE5	1 Yuan Chinese ren
Chinese Renminbi/ Japanese Yen (RMB/ Japanese	319 & 319A	RMY	1,000,000 Yuan Chinese ren
Chinese Renminbi (JY) week 1	<u>319A</u>	RN1	1 Yuan Chinese ren
Chinese Renminbi (JY) week 2	<u>319A</u>	RN2	1 Yuan Chinese ren
Chinese Renminbi (JY) week 3	<u>319A</u>	RN3	1 Yuan Chinese ren
Chinese Renminbi (JY) week 4	<u>319A</u>	RN4	1 Yuan Chinese ren
Chinese Renminbi (JY) week 5	<u>319A</u>	RN5	1 Yuan Chinese ren
U.S. Dollar/Offshore Chinese Renminbi (USD/RMI	2 <u>84L</u>	CNH	100,000 U.S. Dollars
E-Micro U.S. Dollar/Offshore Chinese Renminbi (U	J <u>344L</u>	MNH	10,000 U.S. Dollars
Cleared OTC U.S. Dollar/ Colombian Peso (USD/Co	( <u>273H</u>	COPUSD	100,000 U.S. Dollar in noti
Cleared OTC U.S. Dollar/ Colombian Peso (USD/Co	( <u>273H</u>	USDCOP	100,000 U.S. Dollar in noti
Euro/ Czech Koruna (Euro/ Koruna) Cross Rate	315 & 315A	K	4,000,000 Czech koruna
Czech Koruna/U.S. Dollar (CZK/USD)	266 & 266A	CZ	4,000,000 Czech koruna
U.S. Dollar/Czech Koruna CME WM/Reuters OTC	F <u>300</u>	USDCKC	<b>4,000,000</b> Czech koruna in r
U.S. Dollar/Danish Krone CME WM/Reuters OTC	<u>300</u>	USDDKC	100,000 U.S. dollars in not
Euro/Australian Dollar (Euro/ AD) Cross Rate	<u>312</u>	CA	125,000 Euro
Euro/Australian Dollar CME WM/Reuters OTC For	r <u>300</u>	EURADC	125,000 Euro in notional v
Euro/British Pounds Sterling CME WM/Reuters O	1 <u>300</u>	EURBPC	125,000 Euro in notional v
Euro/British Pounds Sterling CME WM/Reuters O	1 <u>300</u>	EURBPF	125,000 Euro in notional v
Euro/ British Pound Sterling (Euro/ BP) Cross Rate	301 & 301A	RP	125,000 Euro
Euro FX/BPCross Rate week 1	<u>301A</u>	1E	1 Euro-BP cross rat
Euro FX/BP Cross Rate week 2	<u>301A</u>	2E	1 Euro-BP cross rat
Euro FX/BP Cross Rate week 3	<u>301A</u>	3E	1 Euro-BP cross rat
Euro FX/BP Cross Rate week 4	<u>301A</u>	4E	1 Euro-BP cross rat
Euro FX/BP Cross Rate week 5	<u>301A</u>	5E	1 Euro-BP cross rat
Euro/ Canadian Dollar (Euro/ CD) Cross Rate	<u>302</u>	CC	125,000 Euro
Euro/Japanese Yen CME WM/Reuters OTC Forwa	1 <u>300</u>	EURJPC	125,000 Euro in notional v
Euro/Japanese Yen CME WM/Reuters OTC Spot	<u>300</u>	EURJPF	125,000 Euro in notional v
Euro/Japanese Yen CME WM/Reuters OTC Swap	<u>300</u>	EURJPY	125,000 Euro in notional v
Euro /Norwegian Krone (Euro/NKr)Cross Rate	<u>313</u>	CN	125,000 Euro

Euro/ Swedish Krona (Euro/ Skr)Cross Rate	<u>314</u>	KE	125,000	Euro
Euro/Swiss Franc CME WM/Reuters OTC Forward	<u></u>	EURSFC	125,000	Euro in notional v
E-micro Euro/U.S. Dollar	292	M6E	12,500	
Euro/U.S. Dollar (EUR/USD)	261 & 261A	EC	125,000	Euro
Euro FX (European)	261A	YT	1	Euro futures
Euro/U.S. Dollar week 1	<u>261A</u>	1X	1	Euro futures
Euro/U.S. Dollar week 1 (European)	<u>261A</u>	1T	1	Euro futures
Euro/U.S. Dollar week 2	<u>261A</u>	2X	1	Euro futures
Euro/U.S. Dollar week 2 (European)	<u>261A</u>	2T	1	Euro futures
Euro/U.S. Dollar week 3	<u>261A</u>	3X	1	Euro futures
Euro/U.S. Dollar week 3 (European)	<u>261A</u>	3T	1	Euro futures
Euro/U.S. Dollar week 4	<u>261A</u>	4X	1	Euro futures
Euro/U.S. Dollar week 4 (European)	<u>261A</u>	4T	1	Euro futures
Euro/U.S. Dollar week 5	<u>261A</u>	5X	1	Euro futures
Euro/U.S. Dollar week 5 (European)	<u>261A</u>	5T	1	Euro futures
3-Month Euro/U.S. Dollar (EUR/USD) VolContract	: <u>261B</u>	36E	1,000	Times the Euro 3-
1-Month Euro/U.S. Dollar (EUR/USD) VolContract	: <u>261C</u>	16E	1,000	Times the Euro 1-
E-mini Euro	<u>262</u>	E7	62,500	Euro
Euro/U.S. Dollar CME WM/Reuters OTC Forward	<u>300</u>	EURUSC	125,000	Euro in notional v
Euro/U.S. Dollar CME WM/Reuters OTC Swap	<u>300</u>	EURUSD	125,000	Euro in notional v
Euro/U.S. Dollar CME WM/Reuters OTC Spot	<u>300</u>	EURUSF	125,000	Euro in notional v
Euro/ Japanese Yen (Euro/ JY) Cross Rate	303 & 303A	RY	125,000	Euro
Euro FX/JY Cross Rate week 1	<u>303A</u>	1H	1	Euro-JY cross rate
Euro FX/JY Cross Rate week 2	<u>303A</u>	2H	1	Euro-JY cross rate
Euro FX/JY Cross Rate week 3	<u>303A</u>	3H	1	Euro-JY cross rate
Euro FX/JY Cross Rate week 4	<u>303A</u>	4H	1	Euro-JY cross rate
Euro FX/JY Cross Rate week 5	<u>303A</u>	5H	1	Euro-JY cross rate
Euro/ Swiss Franc (Euro/ SF)Cross Rate	<u>304</u>	RF	125,000	Euro
Euro FX/SF Cross Rate week 1	<u>304A</u>	11	1	Euro-SF cross rate
Euro FX/SF Cross Rateweek 2	<u>304A</u>	21	1	Euro-SF cross rate
Euro FX/SF Cross Rate week 3	<u>304A</u>	31	1	Euro-SF cross rate
Euro FX/SF Cross Rate week 4	<u>304A</u>	41	1	Euro-SF cross rate
Euro FX/SF Cross Rate week 5	<u>304A</u>	51	1	Euro-SF cross rate
Euro/Hungarian Forint (EUR/ HUF) Cross Rate	316 & 316A	R	30,000,000	Hungarian forint
Hungarian Forint/U.S. Dollar (HUF/USD)	267 & 267A	FR	30,000,000	Hungarian forint
U.S. Dollar/Hungarian Forint CME WM/Reuters O	<u>300</u>	USDHFC	30,000,000	Hungarian forint i
U.S. Dollar/Hong Kong Dollar CME WM/Reuters C	) <u>300</u>	USDHKC	100,000	U.S. dollars in not
Indian Rupee/U.S. Dollar (INR/USD)	<u>279</u>	SIR	5,000,000	Indian rupees
E-Micro Indian Rupee/U.S. Dollar (INR/USD)	<u>296</u>	MIR	1,000,000	Indian rupees

Cleared OTC U.S. Dollar/ Indian Rupee (USD/INR)	<u>279H</u>	USDINR	100,000 U.S. dollars in not
Cleared OTC U.S. Dollar/ Indonesian Rupiah (USD	/ <u>281H</u>	USDIDR	100,000 U.S. dollars in not
Israeli Shekel/U.S. Dollar (ILS/USD)	269 & 269A	IS	1,000,000 Israeli Shekelim
Isralei Shekel week 1	<u>269A</u>	IS1	1 Israeli Shekelim fı
Isralei Shekel week 2	<u>269A</u>	IS2	1 Israeli Shekelim fı
Isralei Shekel week 3	<u>269A</u>	IS3	1 Israeli Shekelim fı
Isralei Shekel week 4	<u>269A</u>	IS4	1 Israeli Shekelim fı
Isralei Shekel week 5	<u>269A</u>	IS5	1 Israeli Shekelim fı
U.S. Dollar/Israeli Shekel CME WM/Reuters OTC	F <u>300</u>	USDISC	1,000,000 Israeli Shekelim ir
Japanese Yen/U.S. Dollar (JPY/USD)	253 & 253A	J1	12,500,000 Japanese yen
Japanese Yen (European)	<u>253A</u>	YJ	1 Japanese yen futı
Japanese Yen VOL WEEK 1 (EURO) OPTS	<u>253A</u>	VJA	1 Japanese yen futı
Japanese Yen week 1	<u>253A</u>	1J	1 Japanese yen futı
Japanese Yen week 1 (European)	<u>253A</u>	1Y	1 Japanese yen futı
Japanese Yen week 2	<u>253A</u>	2J	1 Japanese yen futı
Japanese Yen week 2 (European)	<u>253A</u>	2Y	1 Japanese yen futı
Japanese Yen week 3	<u>253A</u>	3J	1 Japanese yen futı
Japanese Yen week 3 (European)	<u>253A</u>	3Y	1 Japanese yen futı
Japanese Yen week 4	<u>253A</u>	4J	1 Japanese yen futı
Japanese Yen week 4 (European)	<u>253A</u>	4Y	1 Japanese yen futı
Japanese Yen week 5	<u>253A</u>	5J	1 Japanese yen futı
Japanese Yen week 5 (European)	<u>253A</u>	5Y	1 Japanese yen futı
U.S. Dollar Japanese Yen CME WM/Reuters OTC	S <u>300</u>	USDJPC	12,500,000 Japanese yen in n
U.S. Dollar Japanese Yen CME WM/Reuters OTC	F <u>300</u>	USDJYC	12,500,000 Japanese yen in n
U.S. Dollar Japanese Yen CME WM/Reuters OTC	S <u>300</u>	USDJYF	12,500,000 Japanese yen in n
E-mini Japanese Yen	<u>263</u>	J7	6,250,000 Japanese yen
E-micro Japanese Yen /U.S. Dollar	<u>294</u>	MJY	1,250,000 Japanese yen
E-micro U.S. Dollar/Japanese Yen	<u>341</u>	M6J	10,000 U.S. dollars
Korean Won/U.S. Dollar (KRW/USD)	271 & 271A	KRW	125,000,000 Korean Won
Korean Won/USD week 1	<u>271A</u>	KR1	1 Korean Won futu
Korean Won/USD week 2	<u>271A</u>	KR2	1 Korean Won futu
Korean Won/USD week 3	<u>271A</u>	KR3	1 Korean Won futu
Korean Won/USD week 4	<u>271A</u>	KR4	1 Korean Won futu
Korean Won/USD week 5	<u>271A</u>	KR5	1 Korean Won futu
Cleared OTC U.S. Dollar/Korean Won (USD/ KRW	) <u>271H</u>	USDKRW	125,000,000 Korean won in no
Cleared OTC U.S. Dollar/ Malaysian Ringgit (USD/	∕1 <u>280H</u>	USDMYR	100,000 U.S. dollars in not
Mexican Peso/U.S. Dollar (MXN/USD)	256 & 256A	MP	500,000 Mexican peso
Mexican Peso week 1	<u>256A</u>	1M	1 Mexican peso fut
Mexican Peso week 2	<u>256A</u>	2M	1 Mexican peso fut

Mexican Peso week 3	<u>256A</u>	3M	1	Mexican peso fut
Mexican Peso week 4	<u>256A</u>	4M	1	Mexican peso fut
Mexican Peso week 5	<u>256A</u>	5M	1	Mexican peso fut
U.S. Dollar Mexican Peso CME WM/Reuters OTC	F <u>300</u>	USDMPC	500,000	Mexican peso in r
New Zealand Dollar/U.S. Dollar (NZD/USD)	258 & 258A	NE	100,000	New Zealand doll
New Zealand Dollar week 1	<u>258A</u>	1Z	1	New Zealand doll
New Zealand Dollar week 2	<u>258A</u>	2Z	1	New Zealand doll
New Zealand Dollar week 3	<u>258A</u>	3Z	1	New Zealand doll
New Zealand Dollar week 4	258A	4Z	1	New Zealand doll
New Zealand Dollar week 5	258A	5Z	1	New Zealand doll
New Zealand Dollar/U.S Dollar CME WM/Reuters		NZDUSC	100,000	New Zealand doll
Norwegian Krone/U.S. Dollar (NOK/USD)	264	UN		Norwegian krone
U.S. Dollar/Norwegian Krone CME WM/Reuters (		USDNKC		Norwegian krone
Cleared OTC U.S. Dollar/ Peruvian Nuevo Sol (US)		USDPEN		U.S. dollars in not
Cleared OTC U.S. Dollar/ Philippines Peso (USD/P		USDPHP	•	U.S. dollars in not
Euro/Polish Zloty (EUR/ PLN) Cross Rate	317 & 317A	Z	•	Polish zloty
Polish Zloty/U.S. Dollar (PLN/USD)	268 & 268A	PZ	•	Polish zloty
U.S. Dollar Polish Zloty CME WM/Reuters OTC	300	USDPZC	•	Polish zloty in not
Russian Ruble/U.S. Dollar (RUB/USD)	260 & 260A	RU	•	Russian ruble
Russian Ruble week 1 OPT	260A	RU1		Russian ruble futi
Russian Ruble week 2 OPT		RU2		Russian ruble futi
	260A			
Russian Ruble week 3 OPT Russian Ruble week 4 OPT	<u>260A</u> 260A	RU3 RU4		Russian ruble futu Russian ruble futu
Russian Ruble week 5 OPT	260A	RU5		Russian ruble futi
Cleared OTC U.S. Dollar / Russian Ruble (USD/ RU		USDRUB		Russian ruble in n
U.S. Dollar/Singapore Dollar CME WM/Reuters O	· · · · · · · · · · · · · · · · · · ·	USDSDC		U.S. dollars in not
South African Rand/U.S. Dollar (ZAR/USD)	259 & 259A	RA	500,000	South African Rar
South African Rand week 1	<u>259A</u>	1N	1 :	South African Rar
South African Rand week 2	<u>259A</u>	2N	1 :	South African Rar
South African Rand week 3	<u>259A</u>	3N		South African Rar
South African Rand week 4	<u>259A</u>	4N		South African Rar
South African Rand week 5	<u>259A</u>	5N		South African Rar
U.S. Dollar/South African Rand CME WM/Reuters	· · ·	USDZRC		South African Rar
Swedish Krona/U.S. Dollar (SEK/USD)	<u>265</u>	SE		Swedish Krona
U.S. Dollar Swedish Krona CME WM/Reuters OTC	·	USDSKC		Swedish Krona in
Swiss Franc/U.S. Dollar (CHF/USD)	254 & 254A	E1	•	Swiss franc
Swiss Franc (European)	<u>254A</u>	YS		Swiss franc future
Swiss Franc week 1	<u>254A</u>	<b>1</b> S	1 :	Swiss franc future
Swiss Franc week 1 (European)	<u>254A</u>	1W	1 :	Swiss franc future
Swiss Franc week 2	<u>254A</u>	2S		Swiss franc future
Swiss Franc week 2 (European)	<u>254A</u>	2W	1 :	Swiss franc future

Swiss Franc week 3	<u>254A</u>	3S	1 Swiss franc future
Swiss Franc week 3 (European)	<u>254A</u>	3W	1 Swiss franc future
Swiss Franc week 4	<u>254A</u>	4S	1 Swiss franc future
Swiss Franc week 4 (European)	<u>254A</u>	4W	1 Swiss franc future
Swiss Franc week 5	<u>254A</u>	5S	1 Swiss franc future
Swiss Franc week 5 (European)	<u>254A</u>	5W	1 Swiss franc future
E-micro U.S. Dollar/Swiss Franc	<u>342</u>	M6S	10,000 U.S. dollars
E-micro Swiss Franc/U.S. Dollar	<u>295</u>	MSF	12,500 Swiss Franc
U.S. Dollar/Swiss Franc CME WM/Reuters OTC Sp	o( <u>300</u>	USDSFF	125,000 Swiss Franc in not
Swiss Franc/ Japanese Yen (SF/ JY) Cross Rate	<u>307</u>	SJ	250,000 Swiss franc
Cleared OTC U.S. Dollar/ Taiwan Dollar (USD/TW	С <u>282Н</u>	USDTWD	100,000 U.S. dollars in not
U.S. Dollar/Thailand Baht CME WM/Reuters OTC	1 <u>300</u>	USDTBC	100,000 U.S. dollars in not
Euro/Turkish Lira (Euro/TRY) Cross Rate	<u>320</u>	TRE	125,000 Euro
U.S. Dollar/Turkish Lira (USD/TRY)	<u>272</u>	TRY	200,000 U.S. dollars
U.S. Dollar/Turkish Lira CME WM/Reuters OTC	<u>300</u>	USDTLC	200,000 U.S. dollars in not

				Spot-Month Aggregate Into	Spot-Month Aggregate Into	Spot-Month Aggregate Ratio
				Futures	Futures	Into Futures
			Reporting	Equivalent Leg	Equivalent Leg	Equivalents Leg
Type	Settlement	Group	Level	(1)	(2)	(1)
Future	Physically deli	\ CME FX	25			
Future	Physically deli	\ CME FX	25			
Cleared OTC	Financially set	t CME FX	1			
Future	Physically deli	\ CME FX	25			
Future/Americ	a Physically deli	\ CME FX	200			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
Future	Physically deli	∖ CME FX	250			
Cleared OTC	Financially set	t CME FX	1			
Cleared OTC	Financially set	t CME FX	1			
Cleared OTC	Financially set	t CME FX	1			
Future/Americ	a Financially set	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
Cleared OTC	Financially set	t CME FX	1			
Future/Americ	a Physically deli	∖ CME FX	200			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			
European option	or Exercisable in	t CME FX	25			
American option	or Exercisable in	t CME FX	25			

European optic	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
Future	Physically deli\ CME FX	250		
Future	Physically deli\ CME FX	25		
Future	Physically deli\ CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future/America	a Physically delix CME FX	200		
European optio	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
American optic	or Exercisable int CME FX	25		
European optio	or Exercisable int CME FX	25		
Future	Physically deli\ CME FX	250		
Future	Physically deli\ CME FX	250		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future	Physically deli\ CME FX	25		
Cleared OTC	Financially sett CME FX	25	USDCLP	Contract equivale
Future/America	a Financially sett CME FX	25	RMB	
American optic	or Exercisable int CME FX	25	RMB	
American optic	or Exercisable int CME FX	25	RMB	
American optic	or Exercisable int CME FX	25	RMB	
American optic	or Exercisable int CME FX	25	RMB	

American optic	or Exercisable int CME FX	25	RMB	
Future	Financially sett CME FX	250	RMB	10 (MNY) to 1 (RI
Cleared OTC	Financially sett CME FX	1	RMB	Contract equivale
Future	Financially sett CME FX	25	RMB	
Future/America	a Financially sett CME FX	25	RME	
American optic	or Exercisable int CME FX	25	RME	
American optic	or Exercisable int CME FX	25	RME	
American optic	or Exercisable int CME FX	25	RME	
American optic	or Exercisable int CME FX	25	RME	
American option	or Exercisable int CME FX	25	RME	
Future/America	al Financially sett CME FX	25	RMY	
American option	or Exercisable int CME FX	25	RMY	
American option	or Exercisable int CME FX	25	RMY	
American option	or Exercisable int CME FX	25	RMY	
American option	or Exercisable int CME FX	25	RMY	
American option	or Exercisable int CME FX	25	RMY	
Future	Physically deli\ CME FX	25	CNH	
Future	Physically deli\ CME FX	250	CNH	10 (MNH) to 1 (C
Cleared OTC	Financially sett CME FX	25	USDCOP	Contract equivale
Cleared OTC	Financially sett CME FX	25	USDCOP	Contract equivale
Future/America	a Physically delix CME FX	25	K	
Future/America	a Physically deli\ CME FX	25	CZ	
Cleared OTC	Financially sett CME FX	1	CZ	Contract equivale
Cleared OTC	Financially sett CME FX	1		
Future	Physically deli\ CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future/America	a Physically deli\ CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
Future	Physically delix CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future	Physically deli\ CME FX	25		

Future	Physically deliv CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Future	Physically deliv CME FX	250		
Future/Americ	a Physically deliv CME FX	200		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
Future	Financially sett CME FX	25		
Future	Financially sett CME FX	25		
Future	Physically deliv CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future/Americ	a Physically deliv CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
Future	Physically deliv CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
Future/Americ	a Physically deliv CME FX	25	R	
Future/Americ	a Physically deliv CME FX	25	FR	
Cleared OTC	Financially sett CME FX	1	FR	Contract equivale
Cleared OTC	Financially sett CME FX	1		Contract equivale
Future	Financially sett CME FX	25	SIR	
Future	Financially sett CME FX	25	SIR	5 (MIR) to 1(SIR)

Cleared OTC	Financially sett CME FX	25	SIR	Contract equivale
Cleared OTC	Financially sett CME FX	25	USDIDR	Contract equivale
Future/Americ	a Physically deli\ CME FX	25	IS	
American option	or Exercisable int CME FX	25	IS	
American option	or Exercisable int CME FX	25	IS	
American option	or Exercisable int CME FX	25	IS	
American option	or Exercisable int CME FX	25	IS	
American option	or Exercisable int CME FX	25	IS	
Cleared OTC	Financially sett CME FX	1	IS	Contract equivale
Future/Americ	a Physically deliv CME FX	200		
European option	or Exercisable int CME FX	200		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Cleared OTC	Financially sett CME FX	1		
Future	Physically deli\ CME FX	25		
Future	Physically deli\ CME FX	250		
Future	Physically deli\ CME FX	250		
Future/Americ	a Financially sett CME FX	25	KRW	
American option	or Exercisable int CME FX	25	KRW	
American option	or Exercisable int CME FX	25	KRW	
American option	or Exercisable int CME FX	25	KRW	
American option	or Exercisable int CME FX	25	KRW	
American option	or Exercisable int CME FX	25	KRW	
Cleared OTC	Financially sett CME FX	25	KRW	Contract equivale
Cleared OTC	Financially sett CME FX	25	USDMYR	Contract equivale
Future/Americ	a Physically deli\ CME FX	25	MP	
American option	or Exercisable int CME FX	25	MP	
American option	or Exercisable int CME FX	25	MP	

American optior Exercisable int CME FX	25	MP	
American optior Exercisable int CME FX	25	MP	
American optior Exercisable int CME FX	25	MP	
Cleared OTC Financially sett CME FX	1	MP	Contract equivale
Future/America Physically delix CME FX	25		
American optior Exercisable int CME FX	25		
American optior Exercisable int CME FX	25		
American optior Exercisable int CME FX	25		
American optior Exercisable int CME FX	25		
American optior Exercisable int CME FX	25		
Cleared OTC Financially sett CME Fx	1		
Future Physically delix CME FX	25		
Cleared OTC Financially sett CME FX	1		
Cleared OTC Financially sett CME FX	1	USDPEN	Contract equivale
Cleared OTC Financially sett CME FX	1	USDPHP	Contract equivale
Future/America Physically delix CME FX	25	Z	
Future/America Physically delix CME FX	25	PZ	
Cleared OTC Financially sett CME FX	1	PZ	Contract equivale
Future/America Financially sett CME FX	25	RU	
American optior Exercisable int CME FX	25	RU	
American optior Exercisable int CME FX	25	RU	
American optior Exercisable int CME FX	25	RU	
American optior Exercisable int CME FX	25	RU	
American optior Exercisable int CME FX	25	RU	
Cleared OTC Financially sett CME FX	25	RU	Contract equivale
Cleared OTC Financially sett CME FX	1	USDSDC	Contract equivale
Future/America Physically delix CME FX	25	RA	
American optior Exercisable int CME FX	25	RA	
American optior Exercisable int CME FX	25	RA	
American option Exercisable int CME FX	25	RA	
American optior Exercisable int CME FX	25 25	RA	
American optior Exercisable int CME FX Cleared OTC Financially sett CME FX	25 1	RA RA	Contract equivale
Future Physically delix CME FX	1 25	NA	Contract equivale
Cleared OTC Financially sett CME FX	1		
Future/America Physically delix CME FX	200		
European optior Exercisable int CME FX			
·	25		
American optior Exercisable int CME FX	25		
European optior Exercisable int CME FX	25		
American optior Exercisable int CME FX	25		
European optior Exercisable int CME FX	25		

American option	or Exercisable int CME FX	25		
European optior Exercisable int CME FX		25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
American option	or Exercisable int CME FX	25		
European option	or Exercisable int CME FX	25		
Future	Physically deli\ CME FX	250		
Future	Physically deli\ CME FX	250		
Cleared OTC	Financially sett CME FX	1		
Future	Physically deli\ CME FX	25		
Cleared OTC	Financially sett CME FX	25	USDTWD	Contract equivale
Cleared OTC	Financially sett CME FX	1	USDTBC	Contract equivale
Future	Physically deli\ CME FX	25	TRE	
Future	Physically deli\ CME FX	25	TRY	
Cleared OTC	Financially sett CME FX	1	TRY	Contract equivale

Spot-Month						Single Month
Spot-Month						
Aggregate Ratio Into Futures		Initial Spot-Month Limit (In Net Futures	Month Limit	Aggregate Into Futures	Aggregate Into Futures	Single Month
Equivalents		Equivalents) Leg	Effective	Equivalent		Aggregate Ratio
Leg (2)	Level	(1)/ Leg (2)	Date	Leg (1)	(2)	Into Leg (1)
				AC		
				AJ		Combined a substitution
				AN		Contract equivale
				AN		
				AD		
				AD		
				AD		
				AD		
				AD		
				AD AD		
				AD		
				AD		
				AD		
				AD		
				AD		
				AD		10 (M6A) to 1 (A
				AD		Contract equivale
				AD		Contract equivale
				AD		Contract equivale
				BR		-
				BR		
				BR		
				BR		
				BR		
				BR		
				BR		Contract equivale
				ВР		
				BP		
				ВР		
				BP		

ВР

	ВР	
	ВР	
	ВР	10 (M6B) to 1 (BI
	ВУ	
	BF	
	ВР	Contract equivale
	ВР	Contract equivale
	ВР	Contract equivale
	C1	
	C1	10 (M6C) to 1 (C1
	C1	10 (MCD) to 1 (C
	C1	Contract equivale
	CY	
20,000 settled in	USDCLP	Contract equivale
2,000 In the spot	RMB	
2,000 In the spot	RMB	
2,000 In the spot	RMB	
2,000 In the spot	RMB	
2 222 1 11	DA 4D	

ents shall be determined

2,000 In the spot RMB

	2,000	In the spot	RMB	
MB)- Ten E-micro contra 20,000 (M	1NY)/2,00	In the spot	RMB	10 (MNY) to 1 (R
ents shall be determined	2,000	settled in	RMB	Contract equivale
	2,000	In the spot	RMB	
	2,000	In the spot	RME	
	2,000	In the spot	RME	
	2,000	In the spot	RME	
	2,000	In the spot	RME	
	2,000	In the spot	RME	
	2,000	In the spot	RME	
	2,000	In the spot	RMY	
	2,000	In the spot	RMY	
	2,000	In the spot	RMY	
	2,000	In the spot	RMY	
	2,000	In the spot	RMY	
	2,000	In the spot	RMY	
	500	In the spot	month on or after the day one	week prior to the
NH)- Ten E-micro contra5,000 (MI	NH) / 500	In the spot	month on or after the day one	10 (MNH) to 1 (C
ents shall be determined	20,000	settled in	USDCOP	Contract equivale
ents shall be determined	20,000	Contracts s	USDCOP	Contract equivale
	2,000	In the spot	K	
	2,000	In the spot	CZ	
ents shall be determined	2,000	Contracts s	CZ	Contract equivale
			USDDKC	Contract equivale
			CA	
			CA	Contract equivale
			RP	Contract equivale
			RP	Contract equivale
			RP	
			CC	
			RY	Contract equivale
			RY	Contract equivale
			RY	Contract equivale

CN

	KE	
	RF	Contract equivale
	EC	10 (M6E) to 1 (EC
	EC	, , ,
	EC	
	36E	
	16E	
	EC	2 (E7) to 1 (EC) -
	EC	Contract equivale
	EC	Contract equivale
	EC	Contract equivale
	RY	
	1H	
	2H	
	3H	
	4H	
	5H	
	RF	
	2,000 In the spot R	
	2,000 In the spot FR	
ents shall be determined	2,000 Contracts s FR	Contract equivale
ents shall be determined the	hrough the conversion of the USDHk	C Contract equivale
	20,000 In the spot SIR	
Five E-micro contracts a	20,000 In the spot SIR	5 (MIR) to 1(SIR)

ents shall be determined	20,000 settled in SIR	Contract equivale
ents shall be determined	20,000 Contracts s USDIDR	Contract equivale
	2,000 In the spot IS	
	2,000 In the spot IS	
	2,000 In the spot IS	
	2,000 In the spot IS	
	2,000 In the spot IS	
	2,000 In the spot IS	
ents shall be determined	2,000 Contracts s IS	Contract equivale
	J1	
	J1	Contract equivale
	J1	Contract equivale
	J1	Contract equivale
	J1	2 (J7) to 1 (J1) - T
	J1	10 (MJY) to 1 (J1)
	J1	10 (M6J) to 1 (J1)
	2,000 In the spot KRW	
	2,000 In the spot KRW	
	2,000 In the spot KRW	
	2,000 In the spot KRW	
	2,000 In the spot KRW	
	2,000 In the spot KRW	
ents shall be determined	2,000 settled in KRW	Contract equivale
ents shall be determined	20,000 settled in USDMYR	Contract equivale
	20,000 In the spot MP	
	20,000 In the spot MP	
	20,000 In the spot MP	

	20,000 In the spot	: MP	
	20,000 In the spot		
	20,000 In the spot		
ents shall be determined	20,000 Contracts		Contract equivale
	,	NE	
		NE	Contract equivale
		UN	Contract equivale
		UN	Contract equivale
ents shall be determined	20,000 settled in		Contract equivale
ents shall be determined	20,000 Settled III		Contract equivale
into shan be determined	2,000 In the spot		Contract equivale
	2,000 In the spot		
ents shall be determined	2,000 In the spot		Contract equivale
sitts stiali be determined	•	t month on or after the day one	•
	•	t month on or after the day one	-
	•	t month on or after the day one	•
	•	t month on or after the day one	•
	•	t month on or after the day one	•
	•	month on or after the day one	•
ents shall be determined	2,000 Contracts	settled in the spot period betwo	Contract equivale
ents shall be determined	5,000 Contracts		Contract equivale
	5,000 In the spot		
	5,000 In the spot 5,000 In the spot		
	5,000 In the spot		
	5,000 In the spot		
	5,000 In the spot		
ents shall be determined	5,000 Contracts		Contract equivale
		SE SE	Contract equivale
		E1	Contract equivale
		E1	

	E1	
	E1	
	E1	10 (M6S) to 1 (E1
	E1	10 (MSF) to 1 (E1
	CHF	Contract equivale
	SJ	
ents shall be determined	20,000 Contracts s USDTWD	Contract equivale
ents shall be determined	2,000 Contracts s USDTBC	Contract equivale
	2,000 In the spot TRE	
	2,000 In the spot TRY	
ents shall be determined	2,000 Contracts s TRY	

Single Month Accountability Single Month Aggregate Ratio Into Leg (2)  Futures Four (1) / Leg (2)  Four (2)  Four (3) / Contract equivalent (4) / Contract equivalent (5) / Contract equivalent (6) / Co
6,000 AU Ents shall be dete 6,000 AJ Contract equivale 6,000 AN 6,000 AD
6,000 AJ Contract equivale 6,000 AN 6,000 AD
AJ Contract equivalents shall be dete 6,000 AN AN 6,000 AD AD 6,000 AD AD 6,000 AD AD 6,000 AD AD 6,000 AD
6,000 AN 6,000 AD
6,000 AD
6,000 AD
6,000 AD
6,000 AD
6,000 AD 6,000 AD 6,000 AD 6,000 AD 6,000 AD
6,000 AD 6,000 AD 6,000 AD 6,000 AD
6,000 AD 6,000 AD 6,000 AD
6,000 AD 6,000 AD
6,000 AD
0.000 AD
6,000 AD
6,000 AD
D) - Ten E-micro 60,000 (M6A)/6,000(AD) AD 10 (M6A) to 1 (Al
ents shall be dete 6,000 AD Contract equivale
ents shall be dete 6,000 AD Contract equivale
ents shall be dete 6,000 AD Contract equivale
24,000 BR
24,000 BR
24,000 BR ents shall be determined through the 24,000 BR Contract equivale
ents shall be determined through the 24,000 BR Contract equivale
ents shall be determined through the 24,000 BR Contract equivale 10,000 BP
ents shall be determined through the 24,000 BR Contract equivale 10,000 BP BP BP

	10,000	ВР	
	10,000	ВР	
e) - Ten E-micro ( 100,00	00 (M6B)/10,000 (BP)	ВР	10 (M6B) to 1 (BF
	6,000	ВҮ	
	6,000	BF	
ents shall be dete	10,000	ВР	Contract equivale
ents shall be dete	10,000	ВР	Contract equivale
ents shall be dete	10,000	ВР	Contract equivale
	6,000	C1	
L) - Ten E-micro ( 60,000	0 (M6C)/6,000 (C1)	C1	10 (M6C) to 1 (C1
1)- Ten E-micro c 60,000	0 (MCD)/6,000 (C1)	C1	10 (MCD) to 1 (C:
ents shall be dete	6,000	C1	Contract equivale
ents shall be dete	6,000	C1	Contract equivale
ents shall be dete	6,000	C1	Contract equivale
ents shall be dete	6,000	C1	Contract equivale
ents shall be dete	6,000	C1	Contract equivale
	6,000	CY	
ents shall be dete	6,000	USDCLP	Contract equivale
	6,000	RMB	

	6,000	RMB	
MB)- Ten E-micrc 60,000 (MN		RMB	10 (MNY) to 1 (RI
ents shall be dete	6,000	RMB	Contract equivale
	6,000	RMB	
	6,000	RME	
	6,000	RMY	
e termination of trading day.		CNH	
NH)- Ten E-micro contracts a	re equivalent to one corr	e CNH	10 (MNH) to 1 (C
ents shall be dete	6,000	USDCOP	Contract equivale
ents shall be dete	6,000	USDCOP	Contract equivale
	6,000	K	
	6,000	CZ	
ents shall be dete	6,000	CZ	Contract equivale
ents shall be dete	6,000	USDDKC	Contract equivale
	6,000	CA	
ents shall be dete	6,000	CA	Contract equivale
ents shall be dete	6,000	RP	Contract equivale
ents shall be dete	6,000	RP	Contract equivale
	6,000	RP	
	6,000	CC	
ents shall be dete	6,000	RY	Contract equivale
ents shall be dete	6,000	RY	Contract equivale
ents shall be dete	6,000	RY	Contract equivale
	6,000	CN	

	6,000	KE	
ents shall be dete	6,000	RF	Contract equivale
2)- ten E-micro cc 100,000 (M6E)/10,000 (EC)		EC	10 (M6E) to 1 (EC
	10,000	EC	
	5,000	36E	
	5,000	16E	
2 E-mini contract 20,000	0 (E7)/10,000 (EC)	EC	2 (E7) to 1 (EC) - 1
ents shall be dete	10,000	EC	Contract equivale
ents shall be dete	10,000	EC	Contract equivale
ents shall be dete	10,000	EC	Contract equivale
	6,000	RY	
	6,000	1H	
	6,000	2H	
	6,000	3H	
	6,000	4H	
	6,000	5H	
	6,000	RF	
	6,000	R	
	6,000	FR	
ents shall be dete	6,000	FR	Contract equivale
ents shall be dete	6,000	USDHKC	Contract equivale
	6,000	SIR	
Five E-micro con 30,000 (MIR) or 6,000 (SIR)		SIR	5 (MIR) to 1(SIR)

ents shall be det∈	6.000	CID	Contract equivale
ents shall be dete	6,000	SIR USDIDR	Contract equivale
siits siidii be dett	6,000	IS	Contract Equivar
	6,000 6,000	IS	
	6,000	IS	
	6,000	IS	
	6,000	IS	
anta aball ba data	6,000	IS	Contract a minali
ents shall be dete	6,000	IS	Contract equivale
	10,000	J1	
ents shall be dete	10,000	J1	Contract equivale
ents shall be dete	10,000	J1	Contract equivale
ents shall be dete	10,000	J1	Contract equivale
wo E-mini contra 20,000 (J7) or 10,000 (J1)		J1	2 (J7) to 1 (J1) - T
- Ten E-micro cc 100,000 (MJY)/10,000 (J1)		J1	10 (MJY) to 1 (J1)
) - Ten E-micro cc 100,000 (M6J)/10,000 (J1)		J1	10 (M6J) to 1 (J1)
	6,000	KRW	
ents shall be dete	6,000	KRW	Contract equivale
ents shall be dete	6,000	USDMYR	Contract equivale
	6,000	MP	
	6,000	MP	
	6,000	MP	

	6,000	MP	
	6,000	MP	
	6,000	MP	
ents shall be dete	6,000	MP	Contract equivale
	6,000	NE	
ents shall be dete	6,000	NE	Contract equivale
	6,000	UN	
ents shall be dete	6,000	UN	Contract equivale
ents shall be dete	6,000	USDPEN	Contract equivale
ents shall be dete	6,000	USDPHP	Contract equivale
	6,000	Z	·
	6,000	PZ	
ents shall be dete	6,000	PZ	Contract equivale
e termination of trading day.		RU	
termination of trading day.		RU	
termination of trading day.		RU	
termination of trading day.		RU	
e termination of trading day.		RU	
e termination of trading day.		RU	
ents shall be determined thro	_		Contract equivale
ents shall be dete	6,000	USDSDC	Contract equivale
	6,000 6,000	RA RA	
	6,000	RA	
ents shall be dete	6,000	RA	Contract equivale
	6,000	SE	
ents shall be dete	6,000	SE	Contract equivale
	10,000	E1	

	10,000	E1	
	10,000	E1	
.)- Ten E-micro cc100,000 (M6S)/10,000 (E1)		E1	10 (M6S) to 1 (E1
.) - Ten E-micro c 100,000 (MSF)/10,000 (E1)		E1	10 (MSF) to 1 (E1
ents shall be dete	10,000	CHF	Contract equivale
	6,000	SJ	
ents shall be dete	6,000	USDTWD	Contract equivale
ents shall be dete	6,000	USDTBC	Contract equivale
	6,000	TRE	
	6,000	TRY	
	6,000	TRY	Contract equivale

All Month		
All Month Aggregate Ratio Into Futures Equivalents Leg (2)	All Month Accountability Level (In Net Futures Equivalents) Leg (1) / Leg (2)	All Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)
	6,000	
	6,000	
ents shall be d	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
5)	6,000	
	r 60,000 (M6A)/6,00	
ents shall be d	•	
ents shall be d	.,	
ents shall be d	€ 6,000	
		40,000 40,000
		40,000
		40,000
		40,000
		40,000
ents shall be determined through tl		
	10,000	
	10,000	
	10,000	
	10,000	
	10,000	

10,000 10,000 10,000 10,000 10,000 10,000 10,000

## ) - Ten E-micr(100,000 (M6B)/10,000 (BP)

6,000

6,000

ents shall be de 10,000 ents shall be de 10,000 ents shall be de 10,000

> 6,000 6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000 6,000

## l) - Ten E-micro 60,000 (M6C)/6,000 (C1)

# 1)- Ten E-micrc 60,000 (MCD)/6,000 (C1)

ents shall be de 6,000 6,000 ents shall be de 6,000 6,000 6,000 6,000 6,000

## MB)- Ten E-mic 60,000 (MNY)/6,000 (RMB)

ents shall be de 6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

1,000

## NH)- Ten E-micro contracts are equ 10,000 (MNH)/ 1,000 (CNH)

ents shall be de 6,000 ents shall be de 6,000

6,000

6,000

ents shall be de 6,000

ents shall be de 6,000

6,000

ents shall be de 6,000

ents shall be de 6,000

ents shall be de 6,000

6,000

6,000

6,000

6,000

6,000

6,000

6,000

ents shall be de 6,000

ents shall be de 6,000

ents shall be de 6,000

6,000

6,000 ents shall be d€ 6,000 C)- Ten E-micro 100,000 (M6E)/10,000 (EC) 10,000 10,000 10,000

10,000 10,000 10,000 10,000 10,000

10,000 10,000

10,000 10,000 5,000

5,000

2 E-mini contra 20,000 (E7)/10,000 (EC)

ents shall be d $\epsilon$  10,000 ents shall be d $\epsilon$  10,000 ents shall be d $\epsilon$  10,000

10,000 6,000 6,000 6,000 6,000

> 6,000 6,000

6,000 6,000

6,000

6,000 6,000

6,000

6,000

ents shall be de 6,000ents shall be de 6,000

6,000

Five E-micro cc 30,000 (MIR) or 6,000 (SIR)

ents shall be de	6,000
ents shall be de	6,000
	6,000
	6,000
	6,000
	6,000
	6,000
	6,000
ents shall be d€	6,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
	10,000
ents shall be d€	10,000
ents shall be de	10,000
ents shall be d€	10,000
wo E-mini con 20,000	(J7) or 10,000 (J1)
- Ten E-micro 100,00	0 (MJY)/10,000 (J1)
) - Ten E-micro 100,00	0 (M6J)/10,000 (J1
	6,000
	6,000
	6,000
	6,000
	6,000
	6,000
ents shall be de	6,000
ents shall be d€	6,000
	6,000
	6,000
	6,000

	6,000	
	6,000	
	6,000	
ents shall be de	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
	6,000	
ents shall be de	6,000	
	6,000	
ents shall be de	6,000	
ents shall be de	6,000	
ents shall be de	6,000	
	6,000	
	6,000	
ents shall be de	6,000	
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000

ents shall be determined through tl ents shall be de 6,000 6,000 6,000 6,000 6,000 6,000 6,000 ents shall be de 6,000 6,000 6,000 ents shall be de 10,000 10,000 10,000 10,000 10,000 10,000

10,000

10,000

10,000

10,000

10,000

.)- Ten E-micro 100,000 (M6S)/10,000 (E1)

.) - Ten E-micrc 100,000 (MSF)/10,000 (E1)

ents shall be de 10,000

6,000

ents shall be de 6,000

ents shall be de 6,000

6,000

6,000

ents shall be de 6,000

		Commodity	
Contract Name	Rule Chapter	Code	Contract Size
Cash Settled Butter	<u>56 &amp; 56A</u>	СВ	20,000
Nonfat Dry Milk	<u>54 &amp; 54A</u>	NF	44,000
Class III Milk	<u>52 &amp; 52A</u>	DA	200,000
Midsize Options on Class III Milk	<u>52B</u>	JQ	100,000
Class IV Milk	<u>55 &amp; 55A</u>	DK	200,000
CME Dry Whey	<u>57 &amp; 57A</u>	DY	44,000
Cheese (CASH-SETTLED)	60 & 60A	CSC	20,000
Feeder Cattle	102 & 102A	62	50,000
S&P GOLDMAN SACHS Commodity Index	401 & 401A	GI	250
S&P GSCI™ ER Index	<u>415</u>	GA	100
S&P GSCI™ ER Index Swaps (Cleared OTC)	<u>415A</u>	SES	100
S&P GSCI™ Enhanced ER Index Swaps (Clear	1 <u>415B</u>	RRE	100
S&P GSCI™ Gold Excess Return Index Swaps	415C	GDI	500
S&P GSCI™ Crude Oil Excess Return Index S	۸ <u>415D</u>	GCO	100
S&P GSCI™ ER Index 2 Month Forward Swap	4 <u>15E</u>	SE2	100
S&P GSCI™ ER Index 3 Month Forward Swap	4 <u>15F</u>	SE3	100
Lean Hog	152 & 152A	LN	40,000
1st contract back Lean Hog CSO	<u>152B</u>	ROA	2
2nd contract back Lean Hog CSO	<u>152B</u>	ROB	2
3rd contract back Lean Hog CSO	<u>152B</u>	ROC	2
4th contract back Lean Hog CSO	<u>152B</u>	ROD	2
5th contract back Lean Hog CSO	<u>152B</u>	R0E	2
Live Cattle	101 & 101A	48	40,000
Live Cattle 1 WKLY OPTIONS	<u>101A</u>	LC1	1
Live Cattle 2 WKLY OPTIONS	<u>101A</u>	LC2	1
Live Cattle 3 WKLY OPTIONS	<u>101A</u>	LC3	1
Live Cattle 4 WKLY OPTIONS	<u>101A</u>	LC4	1
Live Cattle 5 WKLY OPTIONS	<u>101A</u>	LC5	1
1st contract back Live Cattle CSO	<u>101B</u>	C0A	2
2nd contract back Live Cattle CSO	<u>101B</u>	COB	2
3rd contract back Live Cattle CSO	<u>101B</u>	COC	2
Random Length Lumber	201 & 201A	LB	110,000
U.S. Dollar Cash Settled Crude Palm Oil	<u>204</u>	СРО	25

Contract Units Type Settlement Group Contract Units Type Settlement Group Level (1)  pounds Future/Am Financially settle CME COMMO! 25  dollars times S&P GSLE Future Financially settle CME COMMO! 25  dollars times the S&P GS Swap Financially settle CME COMMO! 25  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P-GS Swap Financially settle CME COMMO! 1  dollars times the S&P-GS Swap Financially settle CME COMMO! 1  dollars times the S&P-GS Swap Financially settle CME COMMO! 1  dollars times the S&P-GS Swap Financially settle CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable into I CME COMMO! 25  LN  cone Lean Hog futures col European c Exercisable int						
Contract Units Type Settlement Group Level (1)  pounds Future/Am Financially settle CME COMMO! 25  pounds European c Exercisable into 'CME COMMO! 25  pounds Future/Am Financially settle CME COMMO! 25  dollars times S&P GOLDMAI Future/Am Financially settle CME COMMO! 25  dollars times S&P GSCI E Future Financially settle CME COMMO! 25  dollars times the S&P GS Swap Financially settle CME COMMO! 25  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 1  dollars times the S&P GS Swap Financially settle CME COMMO! 25  dollars times the S&P GS Swap Financially settle CME COMMO! 25  Done Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col European c Exercisable into 'CME COMMO! 25  LN  one Lean Hog futures col						
Contract Units Type Settlement Group Level (1)  pounds Future/Am Financially settle CME COMMO 25 CB  pounds Future/Am Financially settle CME COMMO 25 NF  pounds Future/Am Financially settle CME COMMO 25  pounds Future/Am Financially settle CME COMMO 25  pounds European c Exercisable into I CME COMMO 25  pounds Future/Am Financially settle CME COMMO 25  dollars the S&P GOLDMAI Future/Am Financially settle CME COMMO 25  dollars times S&P GSCI E Future Financially settle CME COMMO 25  dollars times the S&P GSS Swap Financially settle CME COMMO 1  dollars times the S&P GSS Swap Financially settle CME COMMO 1  dollars times the S&P GSS Swap Financially settle CME COMMO 1  dollars times the S&P-GS Swap Financially settle CME COMMO 1  dollars times the S&P-GSS Swap Financially settle CME COMMO 1  dollars times the S&P-GSS Swap Financially settle CME COMMO 1  dollars times the S&P-GS Swap Financially settle CME COMMO 1  dollars times the S&P-GS Swap Financially settle CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures co					Reporting	Aggregate Into Futures
pounds Future/Am Financially settle CME COMMOI 25 pounds Future/Am Financially settle CME COMMOI 25 pounds European c Exercisable into I CME COMMOI 25 pounds Future/Am Financially settle CME COMMOI 25 dollars the S&P GSCI E Future Financially settle CME COMMOI 25 dollars times the S&P GSCI E Future Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 25 una Lean Hog futures col European c Exercisable into I CME COMMOI 25 une Lean Hog futures col European c Exercisable into I CME COMMOI 25 une Lean Hog futures col European c Exercisable into I CME COMMOI 25 une Lean Hog futures col European c Exercisable into I CME COMMOI 25 une Lean Hog futures col European c Exercisable into I CME COMMOI 25 une Lean Hog futures col European c Exercisable into I CME COMMOI 25 LIN one Lean Hog futures col European c Exercisable into I CME COMMOI 25 LIN cattle futures contra American c Exercisable into I CME COMMOI 25 Live Cattle futures contra American c Exercisable into I CME COMMOI 25 Live Cattle futures contra American c Exercisable into I CME COMMOI 25 Live Cattle futures contra American c Exercisable into I CME COMMOI 25 une Live Cattle futures contra American c Exercisable into I CME COMMOI 25 one Live Cattle futures cotra American c Exercisable into I CME COMMOI 25 one Live Cattle futures cotra Cateropean c Exercisable into	Contract Units	Туре	Settlement	Group		
pounds	pounds	Future/Am	Financially settle	CME COMMO	25	СВ
pounds European c Exercisable into 1 CME COMMO 25 pounds Future/Am Financially settle CME COMMO 25 dollars the S&P GSCI E Future Financially settle CME COMMO 25 dollars times S&P GSCI E Future Financially settle CME COMMO 25 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures coteropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures coteropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures coteropean c Exercisable i	pounds	Future/Am	Financially settle	CME COMMO	25	NF
pounds Future/Am Financially settle CME COMMO 25 dollars times S&P GOLDMAI Future/Am Financially settle CME COMMO 25 dollars times S&P GSCI E Future Financially settle CME COMMO 25 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one	pounds	Future/Am	Financially settle	CME COMMO	25	
pounds Future/Am Financially settle CME COMMO 25 dollars times S&P GOLDMAN Future/Am Financially settle CME COMMO 25 dollars times S&P GSCI E Future Financially settle CME COMMO 25 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercis	pounds	European o	Exercisable into	СМЕ СОММО	25	
pounds Future/Am Financially settle CME COMMO 25 pounds Future/Am Financially settle CME COMMO 25 times the S&P GOLDMAN Future/Am Financially settle CME COMMO 25 dollars times S&P GSCI E Future Financially settle CME COMMO 125 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25 one Live Cattle futures c European c Exercisable into 1 CME COMMO 25	pounds	Future/Am	Financially settle	СМЕ СОММО	25	
pounds Future/Am Financially settle CME COMMO 25 times the S&P GOLDMAI Future/Am Financially settle CME COMMO 25 dollars times S&P GSCI E Future Financially settle CME COMMO 25 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures cot European c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CME COMMO 25 one Live Cattle futures cateuropean c Exercisable into 1 CM	pounds	Future/Am	Financially settle	CME COMMO	25	DY
times the S&P GOLDMAN Future/Am Financially settle CME COMMOI 25 dollars times S&P GSCI E Future Financially settle CME COMMOI 25 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P GS Swap Financially settle CME COMMOI 1 dollars times the S&P-GS Swap Financially settle CME COMMOI 1 dollars times the S&P-GS Swap Financially settle CME COMMOI 1 pounds Future/Am Financially settle CME COMMOI 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMOI 25 une Lean Hog futures coi European c Exercisable into i CME COMMOI 25 une Lean Hog futures coi European c Exercisable into i CME COMMOI 25 une Lean Hog futures coi European c Exercisable into i CME COMMOI 25 une Lean Hog futures coi European c Exercisable into i CME COMMOI 25 une Lean Hog futures coi European c Exercisable into i CME COMMOI 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMOI 25 LN pounds Future/Am Physically deliver CME COMMOI 25 Live Cattle futures contra American c Exercisable into i CME COMMOI 25 Live Cattle futures contra American c Exercisable into i CME COMMOI 25 Live Cattle futures contra American c Exercisable into i CME COMMOI 25 Live Cattle futures contra American c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c Exercisable into i CME COMMOI 25 one Live Cattle futures ca European c	pounds	Future/Am	Financially settle	СМЕ СОММО	25	
dollars times S&P GSCI E Future Financially settle CME COMMO 25 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GSC Swap Financially settle CME COMMO 1 dollars times the S&P GSC Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN cone Lean Hog futures col European c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures α European c Exercisable into 1 CME COMMO 25 one Live Cattle futures α European c Exercisable into 1 CME COMMO 25 one Live Cattle futures α European c Exercisable into 1 CME COMMO 25 board feet Future/Am Physically deliver CME COMMO 25 board feet Future/Am Physically deliver CME COMMO 25	pounds	Future/Am	Financially settle	СМЕ СОММО	25	62
dollars times the S&P GS Swap  financially settle CME COMMO 1  dollars times the S&P GS Swap  financially settle CME COMMO 1  dollars times the S&P GS Swap  financially settle CME COMMO 1  dollars times the S&P GS Swap  financially settle CME COMMO 1  dollars times the S&P GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 1  dollars times the S&P-GS Swap  financially settle CME COMMO 25  LN  one Lean Hog futures col European c Exercisable into 1 CME COMMO 25  LN  one Lean Hog futures col European c Exercisable into 1 CME COMMO 25  Live Cattle futures contra American c Exercisable into 1 CME COMMO 25  Live Cattle futures contra American c Exercisable into 1 CME COMMO 25  Live Cattle futures contra American c Exercisable into 1 CME COMMO 25  cone Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisable into 1 CME COMMO 25  done Live Cattle futures of European c Exercisab	times the S&P GOLDMAI	`Future/Am	Financially settle	CME COMMO	25	
dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS (Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into i CME COMMO 25 LN pounds Future/Am Physically deliver CME COMMO 25 Live Cattle futures contra American c Exercisable into i CME COMMO 25 Live Cattle futures contra American c Exercisable into i CME COMMO 25 Live Cattle futures contra American c Exercisable into i CME COMMO 25 Live Cattle futures contra American c Exercisable into i CME COMMO 25 Live Cattle futures contra American c Exercisable into i CME COMMO 25 Live Cattle futures cotara American c Exercisable into i CME COMMO 25 one Live Cattle futures ca European c Exercisable into i CME COMMO 25 one Live Cattle futures ca European c Exercisable into i CME COMMO 25 one Live Cattle futures ca European c Exercisable into i CME COMMO 25 one Live Cattle futures ca European c Exercisable into i CME COMMO 25 board feet Future/Am Physically deliver CME COMMO 25 board feet Future/Am Physically deliver CME COMMO 25	dollars times S&P GSCI E	Future	Financially settle	CME COMMO	25	
dollars times the S&P GSC Swap Financially settle CME COMMO 1 dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN pounds Future/Am Physically deliver CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 one Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 board feet Future/Am Physically deliver CME COMMO 25 board feet	dollars times the S&P GS	Swap	Financially settle	CME COMMO	1	
dollars times the S&P GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures coi European c Exercisable into 1 CME COMMO 25 LN pounds Future/Am Physically deliver CME COMMO 25 LN Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME COMMO 25 cone Live Cattle futures ca European c Exercisable into 1 CME	dollars times the S&P GS	Swap	Financially settle	CME COMMO	1	
dollars times the S&P-GS Swap Financially settle CME COMMO 1  dollars times the S&P-GS Swap Financially settle CME COMMO 1  pounds Future/Am Financially settle CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  one Lean Hog futures co  European c Exercisable into   CME COMMO 25 LN  pounds Future/Am Physically delive  CME COMMO 25 LN  Live Cattle futures contra American c Exercisable into   CME COMMO 25 Live Cattle futures contra American c Exercisable into   CME COMMO 25 Live Cattle futures contra American c Exercisable into   CME COMMO 25 Live Cattle futures contra American c Exercisable into   CME COMMO 25 Live Cattle futures contra American c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into   CME COMMO 25 COMMO	dolars times the S&P GS0	Swap	Financially settle	CME COMMO	1	
dollars times the S&P-GS Swap Financially settle CME COMMO 1 pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1 CME COMMO 25 LN pounds Future/Am Physically deliver CME COMMO 25 LN Elive Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 Live Cattle futures contra American c Exercisable into 1 CME COMMO 25 COMM	dollars times the S&P GS	Swap	Financially settle	CME COMMO	1	
pounds Future/Am Financially settle CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN one Lean Hog futures co European c Exercisable into CME COMMO 25 LN pounds Future/Am Physically delive CME COMMO 25 LN Elive Cattle futures contra American c Exercisable into CME COMMO 25 Live Cattle futures contra American c Exercisable into CME COMMO 25 Live Cattle futures contra American c Exercisable into CME COMMO 25 Live Cattle futures contra American c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Cattle futures ca European c Exercisable into CME COMMO 25 Cone Live Ca	dollars times the S&P-GS	Swap	Financially settle	CME COMMO	1	
one Lean Hog futures col European c Exercisable into 1CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1CME COMMO 25 LN one Lean Hog futures col European c Exercisable into 1CME COMMO 25 LN pounds Future/Am Physically deliverCME COMMO 25 LN pounds Future/Am Physically deliverCME COMMO 25 Live Cattle futures contra American c Exercisable into  CME COMMO 25 Live Cattle futures contra American c Exercisable into  CME COMMO 25 Live Cattle futures contra American c Exercisable into  CME COMMO 25 Live Cattle futures contra American c Exercisable into  CME COMMO 25 Live Cattle futures contra American c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live Cattle futures ca European c Exercisable into  CME COMMO 25 one Live C	dollars times the S&P-GS	Swap	Financially settle	CME COMMO	1	
one Lean Hog futures col European c Exercisable into I CME COMMO 25  one Lean Hog futures col European c Exercisable into I CME COMMO 25  one Lean Hog futures col European c Exercisable into I CME COMMO 25  one Lean Hog futures col European c Exercisable into I CME COMMO 25  LN  one Lean Hog futures col European c Exercisable into I CME COMMO 25  LN  pounds  Future/Am Physically deliver CME COMMO 25  Live Cattle futures contra American c Exercisable into I CME COMMO 25  Live Cattle futures contra American c Exercisable into I CME COMMO 25  Live Cattle futures contra American c Exercisable into I CME COMMO 25  Live Cattle futures contra American c Exercisable into I CME COMMO 25  Live Cattle futures contra American c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  one Live Cattle futures ca European c Exercisable into I CME COMMO 25  board feet  Future/Am Physically deliver CME COMMO 25  LB	pounds	Future/Am	Financially settle	CME COMMO	25	LN
one Lean Hog futures col European c Exercisable into   CME COMMO  25  one Lean Hog futures col European c Exercisable into   CME COMMO  25  LN  one Lean Hog futures col European c Exercisable into   CME COMMO  25  LN  pounds  Future/Am Physically deliver CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet  Future/Am Physically deliver CME COMMO  25  LB	one Lean Hog futures co	European c	Exercisable into	CME COMMO	25	LN
one Lean Hog futures col European c Exercisable into ICME COMMOI25  Done Lean Hog futures col European c Exercisable into ICME COMMOI25  Live Commoi European c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  Live Cattle futures contra American c Exercisable into ICME COMMOI25  one Live Cattle futures ca European c Exercisable into ICME COMMOI25  one Live Cattle futures ca European c Exercisable into ICME COMMOI25  one Live Cattle futures ca European c Exercisable into ICME COMMOI25  board feet  Future/Am Physically deliver CME COMMOI25  LB	one Lean Hog futures co	European o	Exercisable into	CME COMMO	25	LN
one Lean Hog futures col European c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25	one Lean Hog futures co	European c	Exercisable into	CME COMMO	25	LN
pounds  Future/Am Physically deliver CME COMMO 25  Live Cattle futures contra American c Exercisable into   CME COMMO 25  Live Cattle futures contra American c Exercisable into   CME COMMO 25  Live Cattle futures contra American c Exercisable into   CME COMMO 25  Live Cattle futures contra American c Exercisable into   CME COMMO 25  Live Cattle futures contra American c Exercisable into   CME COMMO 25  one Live Cattle futures ca European c Exercisable into   CME COMMO 25  one Live Cattle futures ca European c Exercisable into   CME COMMO 25  one Live Cattle futures ca European c Exercisable into   CME COMMO 25  one Live Cattle futures ca European c Exercisable into   CME COMMO 25  board feet  Future/Am Physically deliver CME COMMO 25  LB	one Lean Hog futures co	European o	Exercisable into	CME COMMO	25	LN
Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25  LB	one Lean Hog futures co	European o	Exercisable into	CME COMMO	25	LN
Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25  LB	pounds	Future/Am	Physically deliver	CME COMMO	25	48
Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25  LB	Live Cattle futures contra	American c	Exercisable into	CME COMMO	25	
Live Cattle futures contra American c Exercisable into   CME COMMO  25  Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25  LB	Live Cattle futures contra	American c	Exercisable into	CME COMMO	25	
Live Cattle futures contra American c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  one Live Cattle futures ca European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25	Live Cattle futures contra	American c	Exercisable into	CME COMMO	25	
one Live Cattle futures cc European c Exercisable into   CME COMMO  25 one Live Cattle futures cc European c Exercisable into   CME COMMO  25 one Live Cattle futures cc European c Exercisable into   CME COMMO  25 board feet Future/Am Physically deliver CME COMMO  25	Live Cattle futures contra	American c	Exercisable into	CME COMMO	25	
one Live Cattle futures cc European c Exercisable into   CME COMMO  25 one Live Cattle futures cc European c Exercisable into   CME COMMO  25 board feet Future/Am Physically deliver CME COMMO  25 LB	Live Cattle futures contra	American c	Exercisable into	CME COMMO	25	
one Live Cattle futures cc European c Exercisable into   CME COMMO  25  board feet Future/Am Physically deliver CME COMMO  25 LB	one Live Cattle futures c	European c	Exercisable into	CME COMMO	25	
board feet Future/Am Physically deliver CME COMMO 25 LB	one Live Cattle futures of	European c	Exercisable into	CME COMMO	25	
, ,	one Live Cattle futures of	European c	Exercisable into	CME COMMO	25	
metric tons Future Financially settle CME COMMO 25 CPO						
	metric tons	Future	Financially settle	CME COMMO	25	СРО

		Spot-Month		
	Spot-Month			
	Aggregate	Spot-Month		
Spot-Month	Ratio Into	Aggregate Ratio		Initial Spot-Month
Aggregate Into	Futures	Into Futures		Limit (In Net Futures
Futures Equivaler	nt Equivalents	Equivalents Leg	Spot-Month	Equivalents) Leg (1)/
Leg (2)	Leg (1)	(2)	Accountability Level	Leg (2)

	Second Spot-Month		
	Second Spot-		
	Month Limit (In	Second Spot-	
	Net Futures	Month Limit	
Initial Spot-Month Limit Effective Date	Equivalents)	Effective Date	

In the expiring contract month as of the close of business on the business day immediately pre-In the expiring contract month as of the close of business on the business day immediately pre-

In the expiring contract month as of the close of business on the business day immediately pre-

In the spot month during the last ten days of trading

In the expiring contract month as of the close of business on the fifth business day of the contr In the expiring contract month as of the close of business on the fifth business day of the contr In the expiring contract month as of the close of business on the fifth business day of the contr In the expiring contract month as of the close of business on the fifth business day of the contr In the expiring contract month as of the close of business on the fifth business day of the contr In the expiring contract month as of the close of business on the fifth business day of the contr Close of trading on the first business day following the first 300 Close of business

Close of trading on the first business day of the contract month. In the expiring contract month as of the close of business on the last business day of the month

		Single Month			
Single Month Aggregate Into Futures Equivalent Leg (1)	Single Month Aggregate Into Futures Equivalent Leg (2)	Single Month  Single Month Aggregate Ratio Into Leg (1)	Single Month Aggregate Ratio Into Leg (2)	Single Month Accountability Level (In Net Futures Equivalents) Leg (1) / Leg (2)	Single Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)
CB NF DA DA DK DY CSC 62	(2)		•		500 1,000 1,500 e 3,000 (JQ)/1,500 ( 1,000 1,000 1,950
SES RRE GDI GCO SE2 SE3				10,000 10,000 10,000 10,000 10,000	) ) )
LN LN LN LN LN					4,150 4,150 4,150 4,150 4,150
48 48 48 48 48					6,300 6,300 6,300 6,300 6,300
48 48 48 48 LB CPO					6,300 6,300 6,300 1,000 1,000

			All Month		
		All Month	All Month	All Month	All Month
		Aggregate	Aggregate	Accountability	Limit (In Net
All Month Limit	All Month Limit	Ratio Into	Ratio Into	Level (In Net	Futures
Aggregate Into	Aggregate Into	Futures	Futures	Futures	Equivalents)
Futures Equivalent	Futures Equivalent	Equivalents Leg	Equivalents	Equivalents) Leg	Leg (1) / Leg
Leg (1)	Leg (2)	(1)	Leg (2)	(1) / Leg (2)	(2)

DA)

GI	18,000
GA	45,000
SES	10,000
RRE	10,000
GDI	10,000
GCO	10,000
SE2	10,000
SE3	10,000

		Commodity	Contract
Contract Name	Rule Chapter	Code	Size
S&P SmallCap 600 Index	<u>380</u>	SMP	500
E-mini S&P Smallcap 600 Index	368 & 368A	SMC	100
Standard and Poor's 500 Stock Price Index	351 & 351A	SP	250
S&P 500 European Style "End-of-Month" Option	<u>351A</u>	EV	1
S&P 500 European Style Wk 1	<u>351A</u>	EV1	1
S&P 500 European Style Wk 2	<u>351A</u>	EV2	1
S&P 500 European Style Wk 4	<u>351A</u>	EV4	1
American FLEX Options on Standard and Poor's 50	<u>351A</u>	XP	1
European Flex Options on Standard and Poor's 500	<u>351A</u>	YP	1
E-mini Standard and Poor's 500 Stock Price Index	358 & 358A	ES	50
E-mini S&P 500 European Style "End-of-Month" O	358A	EW	1
E-mini S&P 500 European Style Wk 1	<u>358A</u>	EW1	1
E-mini S&P 500 European Style Wk 2	<u>358A</u>	EW2	1
E-mini S&P 500 European Style Wk 4	358A	EW4	1
E-mini Standard and Poor's 500 EURO DENOMINA	358B	EME	50
S&P 500/ Growth Index	355 & 355A	SG	250
S&P 500/ Value Index	356 & 356A	SU	250
Standard and Poor's Midcap 400 Stock Price Index	353 & 353A	MD	500
American FLEX Options on S&P MidCap 400	<u>353A</u>	XZ	1
E-mini Standard and Poor's Midcap 400	362 & 362A	ME	100
E-mini S&P FINANCIAL SELECT SECTOR INDEX	<u>369</u>	XAF	250
E-mini S&P CONS DISCRETIONARY SELECT SECTOR	<u>369</u>	XAY	100
E-mini S&P CONSUMER STAPLES SELECT SECTOR	<u>369</u>	XAP	100
E-mini S&P ENERGY SELECT SECTOR INDEX	<u>369</u>	XAE	100
E-mini S&P HEALTH CARE SELECT SECTOR INDEX	369	XAV	100
E-mini S&P INDUSTRIAL SELECT SECTOR INDEX	<del>369</del>	XAI	100
E-mini S&P TECHNOLOGY SELECT SECTOR INDEX	<u>369</u>	XAK	100
E-mini S&P UTILITIES SELECT SECTOR INDEX	369	XAU	100
E-mini S&P MATERIALS SELECT SECTOR INDEX	369	XAB	100
E-mini S&P CNX Nifty Index	<u>381</u>	EMF	10
E-micro S&P CNX Nifty Index	382	MNF	2
NIKKEI 225 (\$) STOCK	352 & 352A	NK	5
NIKKEI 225 (YEN) STOCK	352B	N1	500
E-mini NIKKEI 225 (YEN) DENOMINATED	370	ENY	100
NASDAQ 100 INDEX	357 & 357A	ND	100
NASDAQ 100 European Style End OF Month OPT	357A	DN	1
NASDAQ 100 European Style WK 1 OPT	357A	DN1	1
NASDAQ 100 European Style WK 2 OPT	357A	DN2	1
NASDAQ 100 European Style WK 4 OPT	357A	DN4	1
1 -7 -			

E-mini NASDAQ 100 Index	359 & 359A	NQ	20
E-mini NASDAQ 100 Index European Style End of	f N <u>359A</u>	QNE	1
E-mini NASDAQ 100 Index European Style Wk 1	OF <u>359A</u>	QN1	1
E-mini NASDAQ 100 Index European Style Wk 2	OF <u>359A</u>	QN2	1
E-mini NASDAQ 100 Index European Style Wk 4	OF <u>359A</u>	QN4	1
E-mini NASDAQ BIOTECH	<u>360</u>	BQ	50
E-mini NASDAQ COMPOSITE	<u>377</u>	QN	20
USD Denominated Ibovespa	<u>354</u>	IBV	1

					All Month Limit
					Aggregate Into Futures
				Reporting	Equivalent Leg
Contract Units	Type	Settlement	Group	Level	(1)
dollars times the S&P Sm	• •	Financially settle	•	25	SMP
dollars times the S&P Sm		-		25	SMP
dollars times the S&P 50		•		100	SP
S&P 500 future	European option	Exercisable into		100	SP
S&P 500 future	European option	Exercisable into	•	100	SP
S&P 500 future	European option	Exercisable into		100	SP
S&P 500 future	European option	Exercisable into	CME EQUITY	100	SP
S&P 500 future	American option	Exercisable into	CME EQUITY	25	SP
S&P 500 future	European option	Exercisable into	CME EQUITY	25	SP
dollars times the S&P 50	0 Future/American opti	Financially settle	CME EQUITY	100	SP
E-mini S&P 500 future	European option	Exercisable into	CME EQUITY	100	SP
E-mini S&P 500 future	European option	Exercisable into	CME EQUITY	100	SP
E-mini S&P 500 future	European option	Exercisable into	CME EQUITY	100	SP
E-mini S&P 500 future	European option	Exercisable into	CME EQUITY	100	SP
Euros times the S&P 500	I Future	Financially settle	CME EQUITY	25	SP
dollars times the S&P 50	0 Future/American opti	Financially settle	CME EQUITY	25	SP
dollars times the S&P 50	0 Future/American opti	Financially settle	CME EQUITY	25	SP
dollars times the Standar	r Future/American opti	Financially settle	CME EQUITY	25	MD
S&P Midcap 400 future	American option	Exercisable into		25	MD
dollars times the Standar	·	•		25	MD
Dollars times S&P Select		Financially settle		25	XAF
Dollars times S&P Select		Financially settle		25	XAY
Dollars times S&P Select		Financially settle		25	XAP
Dollars times S&P Select		Financially settle			XAE
Dollars times S&P Select		Financially settle			XAV
Dollars times S&P Select		Financially settle	•	25	XAI
Dollars times S&P Select		Financially settle		25	XAK
Dollars times S&P Select		Financially settle		25	XAU
Dollars times S&P Select		Financially settle	•	25	XAB
dollars times the Standar		Financially settle		25	II
dollars times the Standar		Financially settle		25	II
dollars times the USD va	•	•		50	NK
yen times the JPY value I		Financially settle		25	N1
yen times the yen value		Financially settle		25	N1
dollars times the Nasdaq NASDAQ 100 future	·	Exercisable into		25 25	ND ND
NASDAQ 100 future	European option European option	Exercisable into		25 25	ND ND
NASDAQ 100 future	European option	Exercisable into		25	ND
NASDAQ 100 future	European option	Exercisable into			ND
MASDAQ 100 IULUIE	Lui Opean Option	LACICISADIE IIILO	CIVIE EQUITY	23	טאו

dollars times the Nasdaq Future/American opti	Financially settle CME EQUITY	25	ND
E-mini NASDAQ 100 futur European option	Exercisable into CME EQUITY	25	ND
E-mini NASDAQ 100 futur European option	Exercisable into CME EQUITY	25	ND
E-mini NASDAQ 100 futur European option	Exercisable into CME EQUITY	25	ND
E-mini NASDAQ 100 futur European option	Exercisable into CME EQUITY	25	ND
dollars times the Nasdaq Future	Financially settle CME EQUITY	25	BQ
dollars times the NASDAC Future	Financially settle CME EQUITY	25	QN
dollar times the Ibovespa Future	Financially settle CME EQUITY	25	IBV

		All Month			
All Month Limit Aggregate Into Futures Equivalent	All Month Aggregate Ratio Into Futures Equivalents	All Month Aggregate Ratio Into Futures Equivalents	All Month Accountability Level (In Net Futures Equivalents) Leg	All Month Limit (In Net Futures Equivalents) Leg (1) /	
Leg (2)	Leg (1)	Leg (2)	(1) / Leg (2)	Leg (2)	
	5 (ES) to 1 (SP 5 (EW) to 1 (S 5 (EW1) to 1 ( 5 (EW2) to 1 ( 5 (EW4) to 1 ( 5 (EME) to 1 ( 1 (SG) + 1 (SU)	) - Five E-mini co P) - Five E-mini o SP) - Five E-mini SP) - Five E-mini SP) - Five E-mini SP) - Five E-mini ) to 1 (SP) - For p	ontracts are equivale contracts are equival contracts are equiva contracts are equiva contracts are equiva	c 20,000 5,000	standard S&P futures standard S&P futures standard S&P futures standard S&P futures standard S&P futures
	5 (MF) to 1 (M	1D) - Five F-mini	contracts are equiva	5,000 a 25,000 F-mini/5,000 st:	andard futures
	5 (ME) to 1 (MD) - Five E-mini contracts are equiva 25,000 E-mini/5,000 standard futures  12,500  12,500  12,500  12,500  12,500  12,500  12,500  12,500  12,500  5,000				
	5 (MNF) to 1 (	EMF)- Five E-mi	ni contracts are equi	5,000 5,000 5,000	
	5 (ENY) to 1 (N	N1) - Five E-mini	contracts are equiva	10,000 a 25,000 E-mini/,5000 sta 10,000 10,000 10,000 10,000	andard futures

5 (NQ) to 1 (ND) - Five E-mini contracts are equival 50,000 E-mini/10,000 standard ND futures 5 (QNE) to 1 (ND) - Five E-mini contracts are equiva 50,000 E-mini/10,000 standard ND futures 5 (QN1) to 1 (ND) - Five E-mini contracts are equiva 50,000 E-mini/10,000 standard ND futures 5 (QN2) to 1 (ND) - Five E-mini contracts are equiva 50,000 E-mini/10,000 standard ND futures 5 (QN4) to 1 (ND) - Five E-mini contracts are equiva 50,000 E-mini/10,000 standard ND futures 10,000

25,000 3,500

		Commodity		
Contract Name	Rule Chapter	Commodity Code	Contract Size	Contract Units
One-Month Eurodollar	453 & 453A	EM		US Dollars
Three-Month Eurodollar	452 & 452A	ED		US Dollars
Eurodollar 5-YR Bundle	452 & 452A	Y5		US Dollars
One-Year Mid-Curve Eurodollar Options	452A	E0	1	Eurodollar futu
Two-Year Mid-Curve Eurodollar Options	452A	E2	1	Eurodollar futu
Three-Year Mid-Curve Eurodollar Options	<u>452A</u>	E3	1	Eurodollar futu
Four-Year Mid-Curve Eurodollar Options	<u>452A</u>	E4	1	Eurodollar futu
Five-Year Mid-Curve Eurodollar Options	<u>452A</u>	E5	1	Eurodollar futu
Eurodollar Mid-Curve WK1	<u>452A</u>	1K	1	Eurodollar futu
Eurodollar Mid-Curve WK2	<u>452A</u>	2K	1	Eurodollar futu
Eurodollar Mid-Curve WK3	<u>452A</u>	3K	1	Eurodollar futu
Eurodollar Mid-Curve WK4	<u>452A</u>	4K	1	Eurodollar futu
Eurodollar Mid-Curve WK5	<u>452A</u>	5K	1	Eurodollar futu
E-mini Eurodollar	<u>452C</u>	EED	100,000	US Dollars
E-mini Eurodollar 5-YR Bundle	<u>452C</u>	E5B	100,000	US Dollars
Three-Month Eurodollar Futures Calendar Spreads	<u>452D</u>	SPO	2	For quarterly o
Three-Month Overnight Index Swap FUTURES	<u>460</u>	OSP	1,000,000	US dollars
Three-Month Overnight Index Swap OPTIONS	<u>460A</u>	OSO	1,000,000	US dollars
Three-Month Euroyen	501 & 501A	EY	100,000,000	Japanese yen
Euroyen 1-Year Mid-Curve	<u>501A</u>	JO	1	Euroyen future
13-Week U.S. Treasury Bill	<u>451</u>	T1	1,000,000	US dollars face
Eurozone Harmonized Index of Consumer Prices (H	1 <u>414</u>	HC	10,000	Euro times the
Barclays Capital U.S. AGGREGATE INDEX	435 & 435A	LBA	100	times the Barcl
Three-Month Euribor	<u>503</u>	EB	1,000,000	Euro
GERMANY-ITALY SOVEREIGN YIELD SPREAD	<u>502</u>	DTV	•	For any contrac
GERMANY-NETHERLAND SOVEREIGN YIELD SPREAD		DNV	-	For any contrac
UK-DE SOVEREIGN YIELD SPREAD	<u>502</u>	KEV	•	For any contrac
UK-FR SOVEREIGN YIELD SPREAD	<u>502</u>	KFV	•	For any contrac
UK-ITALY SOVEREIGN YIELD SPREAD	<u>502</u>	KTV	•	For any contrac
UK-NETHERLAND SOVEREIGN YIELD SPREAD	<u>502</u>	KDV	•	For any contrac
US-GERMANY SOVEREIGN YIELD SPREAD	<u>502</u>	SEV	•	For any contrac
US-FRANCE SOVEREIGN YIELD SPREAD	<u>502</u>	SFV	•	For any contrac
US-ITALY SOVEREIGN YIELD SPREAD	<u>502</u>	STV	EUR 100 per 1	For any contrac

US-NETHERLAND SOVEREIGN YIELD SPREAD	<u>502</u>	SDV	EUR 100 per 1 l For any contrac
US-UK SOVEREIGN YIELD SPREAD	<u>502</u>	SKV	GBP 100 per 1 l For any contrac

						Single Month
Туре	Settlement	Group	Reporting Level	Single Month Aggregate Into Futures Equivalent Leg (1)	Single Month Aggregate Into Futures Equivalent Leg (2)	Single Month Aggregate Ratio Into Leg (1)
Future/Amer	ic Financially se	ti CME INTERES	1100	EM		
Future/Amer	ic Financially se	t CME INTERES	1850	ED		
Future/Amer	ic Financially se	t CME INTERES	125	ED		
American opt	ti Exercisable in	t CME INTERES	125	ED		
American opt	ti Exercisable in	t CME INTERES	125	ED		
American opt	ti Exercisable in	t CME INTERES	1 25	ED		
American opt	ti Exercisable in	t CME INTERES	1 25	ED		
		t CME INTERES		ED		
		t CME INTERES		ED		
		t CME INTERES		ED		
-		t CME INTERES		ED		
		t CME INTERES		ED		
American opt		t CME INTERES		ED		
Futures	-	t CME INTERES		ED		10 (EED) to 1 (E
Futures	-	t CME INTERES		ED		10 (EED) to 1 (E
American opt		t CME INTERES		ED		
Swap future	-	t CME INTERES		OSP		
		t CME INTERES		OSO		
•	•	t CME INTERES		EY		
American opt		t CME INTERES		EY		
Futures	•	t CME INTERES		T1		
Futures		t CME INTERES		HC		
Future/Amer		ti CME INTERES		LBA		
Futures	•	t CME INTERES		EB		
Futures	•	t CME INTERES		DTV		
Futures	-	t CME INTERES		DNV		
Futures	-	t CME INTERES		KEV		
Futures	•	t CME INTERES		KFV		
Futures	•	ti CME INTERES		KTV		
Futures	•	t CME INTERES		KDV		
Futures	•	t CME INTERES		SEV		
Futures	•	t CME INTERES		SFV		
Futures	Financially se	ti CME INTERES	125	STV		

Futures Financially set: CME INTEREST 25 SDV
Futures Financially set: CME INTEREST 25 SKV

Single Month Aggregate Ratio Into Leg (2)	Single Month Accountability Level (In Net Futures Equivalents) Leg (1) / Leg (2)	Single Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)	All Month Limit Aggregate Into Futures Equivalent Leg (1)	All Month Limit Aggregate Into Futures Equivalent Leg (2)	
	5,000		EM		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
	10,000		ED		
D) - Ten E-mini	c 100,000 (EED)/10,0	000 (ED)	ED		10 (EED) to 1 (E
D) - Ten E-mini	c 100,000 (EED)/10,0	000 (ED)	ED		10 (EED) to 1 (E
	10,000		ED		
	10,000		OSP		
	10,000		OSO		
	5,000		EY		
	5,000		EY		
	5,000		T1		
	5,000		HC		
	5,000		LBA		
	10,000		EB		
	3,500		DTV		
	3,500		DNV		
	3,500		KEV		
	3,500		KFV		
	3,500		KTV		
	3,500		KDV		
	3,500		SEV		
	3,500		SFV		
	3,500		STV		

3,500 SDV 3,500 SKV

All Month		
All Month		All Month
Aggregate	All Month	Limit (In Net
Ratio Into	Accountability Level	Futures
Futures	(In Net Futures	Equivalents)
Equivalents	Equivalents) Leg (1)	Leg (1) / Leg
Leg (2)	/ Leg (2)	(2)
	F 000	

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

D) - ten E-mini c 100,000 (EED)/10,000 (ED)

D) - Ten E-mini (100,000 (EED)/10,000 (ED)

10,000

10,000

10,000

5,000

5,000

5,000

5,000

5,000

10,000

3,500 3,500

3,500

3,500

3,500

3,500

3,500

3,500

		Commodity	Contract		
Contract Name	Rule Chapter	Code	Size	Contract Units	Туре
BOSTON - CME Metro Area	419 & 419A	BOS	250	dollar x S&P/Case-Shille	e Future/Ame
CHICAGO - CME Metro Area	419 & 419A	CHI	250	dollar x S&P/Case-Shille	e Future/Euro
Composite Home Price Inde	420 & 420A	CUS	250	dollar x S&P/Case-Shille	e Future/Euro
DENVER - CME Metro Area I	419 & 419A	DEN	250	dollar x S&P/Case-Shille	e Future/Ame
LAS VEGAS - CME Metro Are	419 & 419A	LAV	250	dollar x S&P/Case-Shille	e Future/Ame
LOS ANGELES - CME Metro	419 & 419A	LAX	250	dollar x S&P/Case-Shille	e Future/Euro
MIAMI - CME Metro Area He	419 & 419A	MIA	250	dollar x S&P/Case-Shille	e Future/Ame
NEW YORK - CME Metro Are	419 & 419A	NYM	250	dollar x S&P/Case-Shille	e Future/Euro
SAN DIEGO - CME Metro Are	419 & 419A	SDG	250	dollar x S&P/Case-Shille	e Future/Ame
SAN FRANCISCO - CME Metr	419 & 419A	SFR	250	dollar x S&P/Case-Shille	e Future/Ame
WASHINGTON DC - CME Me	419 & 419A	WDC	250	dollar x S&P/Case-Shille	e Future/Ame

Settlement Financially set	et CME HOUSI et CME HOUSI et CME HOUSI et CME HOUSI et CME HOUSI et CME HOUSI	N 25 N 25 N 25 N 25 N 25 N 25	All Month Limit Aggregate Into Futures Equivalent Leg (1) BOS CHI CUS DEN LAV LAX MIA NYM	All Month Limit Aggregate Into Futures Equivalent Leg (2)	All Month Aggregate Ratio Into Futures Equivalents Leg (1)	All Month All Month Aggregate Ratio Into Futures Equivalents Leg (2)
Financially set	tt CME HOUSI	N 25	NYM			
Financially set			SDG			
Financially set	tt CME HOUSI	N 25	SFR			
Financially set	tt CME HOUSI	N 25	WDC			

All Month

Accountability

Level (In Net All Month Limit Futures (In Net Futures Equivalents) Leg Equivalents) Leg (1) / Leg (2)

5,000

5,000

5,000

5,000

5,000

5,000

5,000

5,000

5,000

5,000

	Rule	Commodity	Contract	Contract
Contract Name	Chapter	Code	Size	Units Type
CME Hurricane Index CAT-In-A-Box Binary A	<u>430B</u>	1P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary B	<u>430B</u>	2P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary C	<u>430B</u>	3P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary D	<u>430B</u>	4P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary E	<u>430B</u>	5P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary F	<u>430B</u>	6P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary G	<u>430B</u>	7P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary H	<u>430B</u>	8P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary I	<u>430B</u>	9P2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary K	<u>430B</u>	2S1	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary L	<u>430B</u>	2S2	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary M	<u>430B</u>	2S3	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary N	<u>430B</u>	2S4	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary O	<u>430B</u>	<b>2</b> S5	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary P	<u>430B</u>	2S6	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary R	<u>430B</u>	2S7	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary S	<u>430B</u>	2S8	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary T	<u>430B</u>	2S9	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary V	<u>430B</u>	2S0	10,000	Dollar x Ind American c
CME Hurricane Index CAT-In-A-Box Binary W	<u>430B</u>	1N2	10,000	Dollar x Ind American c
Eastern US Hurricane ALPHA Index 1	423 & 423	<u>/</u> HF2	1,000	Dollar x Ind Future/Am
Eastern US Hurricane BETA Index 2	<u>423 &amp; 423</u>	<u>/</u> HF3	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Binary ALPHA	<u>423B</u>	F22	10,000	Dollar x Ind American c
Eastern US Hurricane Index A	<u>423 &amp; 423</u>	<u>/</u> HX1	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index B	423 & 423	<u>√</u> HX2	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index Binary A	<u>423B</u>	X12	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary B	<u>423B</u>	X22	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary C	<u>423B</u>	X32	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary D	<u>423B</u>	X42	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary E	<u>423B</u>	X52	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary F	<u>423B</u>	X62	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary G	<u>423B</u>	X72	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary H	<u>423B</u>	X82	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary I	<u>423B</u>	X92	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary J	<u>423B</u>	0X2	10,000	Dollar x Ind American c
Eastern US Hurricane Index Binary J	<u>423B</u>	X02	10,000	Dollar x Ind American c
Eastern US Hurricane Index C	<u>423 &amp; 423</u>	<u>⊬</u> HX3	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index CAT-In-A-Box W	430 & 430	<u>/</u> HN1	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index D	<u>423 &amp; 423</u>	<mark>/</mark> HX4	1,000	Dollar x Ind Future/Am

Eastern US Hurricane Index E	423 & 423	HX5	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index F	423 & 423/		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index G	423 & 423/		1,000	Dollar x Ind Future/Am
			-	Dollar x Ind Future/Am
Eastern US Hurricane Index H	423 & 423/		1,000	•
Eastern US Hurricane Index I	423 & 423/		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index J	423 & 423/		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index K	<u>423 &amp; 423/</u>		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index L	<u>423 &amp; 423/</u>		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index M	<u>423 &amp; 423/</u>		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index N	<u>423 &amp; 423/</u>	HG4	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index O	<u>423 &amp; 423/</u>	HG5	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index P	<u>423 &amp; 423</u>	HG6	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index R	<u>423 &amp; 423/</u>	HG7	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index S	<u>423 &amp; 423/</u>	HG8	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index Seasonal ACCUM	<u>427 &amp; 427</u>	HXA	1,000	dollar x CH Future/Am
Eastern US Hurricane Index Seasonal MAX	428 & 428/	HXM	1,000	dollar x CH Future/Am
Eastern US Hurricane Index T	423 & 423/	HG9	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index V	423 & 423/	HG0	1,000	Dollar x Ind Future/Am
Eastern US Hurricane Index W	423 & 423		1,000	Dollar x Ind Future/Am
Eastern US Hurricane Seasonal Binary EVENT2		ВНХ	10,000	Dollar x Inc American c
Eastern US Hurricane Seasonal Binary EVENT2	· ·	BX2	10,000	Dollar x Ind American c
Eastern US Hurricane Seasonal Max BinaryEVE	· ·	MHX	10,000	Dollar x Ind American c
Eastern US Hurricane Seasonal Max BinaryEVE	· ·	MX2	10,000	Dollar x Ind American c
FLA & GULF Hurricane Index Seasonal ACCUM			1,000	dollar x CH Future/Am
FLA & GULF Hurricane Index Seasonal MAX	428 & 428/		1,000	dollar x CH Future/Am
		BGF		Dollar x Ind American c
FLA & GULF Hurricane Seasonal Max Binary	428B		10,000	
FLA & GULF Hurricane Seasonal Max Binary E		GF2	10,000	Dollar x Ind American c
Florida & Gulf Coast Hurricane Seasonal Max E	<del></del>	BFG	10,000	Dollar x Ind American c
Florida + Southern Atlantic + Northern Atlantic		BFA	10,000	Dollar x Ind American c
Florida + Southern Atlantic + Northern Atlantic	· ·	OAA	10,000	Dollar x Ind American c
Florida + Southern Atlantic + Northern Atlantic	·	OAM	10,000	Dollar x Ind American c
Florida + Southern Atlantic + Northern Atlantic		HAA	10,000	Dollar x Ind American c
Florida + Southern Atlantic + Northern Atlantic	2 <u>428 &amp; 428</u>	HAM	1,000	dollar x CH  Future/Am
Florida Gold Coast Hurricane Seasonal Max Bir	1 <u>427B</u>	MFM	10,000	Dollar x Ind American c
Florida Gold Coast Hurricane Seasonal Max Bir	1 <u>428B</u>	BMF	10,000	Dollar x Inc American c
Florida Gold Coast Hurricane Seasonal Max Bir	1 <u>428B</u>	FM2	10,000	Dollar x Ind American c
Florida Gulf Coast Hurricane Seasonal Max Bin	а <u>427В</u>	BHG	10,000	Dollar x Ind American c
Florida Gulf Coast Hurricane Seasonal Max Bin	ξ <u>427B</u>	BG2	10,000	Dollar x Ind American c
Florida Gulf Coast Hurricane Seasonal Max Bin	ξ <u>428B</u>	MHG	10,000	Dollar x Inc American c
Florida Gulf Coast Hurricane Seasonal Max Bin	ξ <u>428B</u>	MG2	10,000	Dollar x Inc American c
Florida Hurricane Index Seasonal ACCUM	427 & 427	HFA	1,000	dollar x CH Future/Am
Florida Hurricane Index Seasonal MAX	428 & 428	HFM	1,000	dollar x CH Future/Am
Florida Hurricane Seasonal Binary	427B	BHF	10,000	Dollar x Inc American c
Florida Hurricane Seasonal	428B	MHF	10,000	Dollar x Ind American c
Florida Hurricane Seasonal Max Binary EVENT		FB2	10,000	Dollar x Ind American c
Florida Hurricane Seasonal Max Binary EVENT	· ·	MF2	10,000	Dollar x Ind American c
Galveston-Mobile CAT-IN-THE-BOX Hurricane	· ·		1,000	dollar x CH Future/Am
Gaive Stori Widdie CAT-IIV-THE-DOX HUITICAILE	1 7 X 4 3 IF	шл	1,000	adial A Chilature/Alli

Galveston-Mobile CAT-IN-THE-BOX Hurricane I 432 & 432/ HPM	1,000	dollar x CH  Future/Am
Galveston-Mobile Hurricane Binary Cat-in-the-  423B NH2	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane CAT-In-A-Box Bina 430B P42	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HN2	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HN3	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP1	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP2	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P12	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P22	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P32	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P52	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P62	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P72	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P82	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P92	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B 0P2	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B P02	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S12	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S22	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S32	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S42	10,000	Dollar x Inc American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S52	10,000	Dollar x Inc American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S62	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S72	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S82	10,000	Dollar x Inc American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S92	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B S02	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430B NH1	10,000	Dollar x Ind American c
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP3	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP4 Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP5	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-III-A-B0 430 & 430/ HP6	1,000 1,000	Dollar x Ind Future/Am Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP7	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP8	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP9	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HP0	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS1	1,000	Dollar x Inc Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS2	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS3	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS4	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS5	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS6	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS7	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS8	1,000	Dollar x Ind Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS9	1,000	Dollar x Inc Future/Am
Galveston-Mobile Hurricane Index CAT-In-A-Bo 430 & 430/ HS0	1,000	Dollar x Ind Future/Am
Gold Coast Hurricane Index Seasonal ACCUM 427 & 427/ HDA	1,000	dollar x CH  Future/Am
	-	-

Gold Coast Hurricane Index Seasonal MAX	428 & 428	HDM	1,000	dollar x CH Future/Am
Gulf Coast Hurricane Index Seasonal ACCUM	<u>427 &amp; 427</u>	HGA	1,000	dollar x CH  Future/Am
Gulf Coast Hurricane Index Seasonal MAX	428 & 428	HGM	1,000	dollar x CH Future/Am
Northern Atlantic Coast Hurricane Seasonal Ma	427B	BHR	10,000	Dollar x Ind American c
Northern Atlantic Coast Hurricane Seasonal Ma	427B	RH2	10,000	Dollar x Ind American c
Northern Atlantic Coast Hurricane Seasonal Ma	428B	MHR	10,000	Dollar x Ind American c
Northern Atlantic Coast Hurricane Seasonal Ma	428B	MR2	10,000	Dollar x Ind American c
Northern Atlantic Coast Hurricane Index Seaso	427 & 427	HNA	1,000	dollar x CH Future/Am
Northern Atlantic Coast Hurricane Index Seaso	428 & 428	HNM	1,000	dollar x CH Future/Am
Southern Atlantic Coast Hurricane Seasonal Bir	428 & 428	HSA	1,000	dollar x CH  Future/Am
Southern Atlantic Coast Hurricane Seasonal Bir	427B	BHS	10,000	Dollar x Ind American c
Southern Atlantic Coast Hurricane Seasonal Bir	427B	SB2	10,000	Dollar x Ind American c
Southern Atlantic Coast Hurricane Seasonal Ma	428B	HMS	10,000	Dollar x Ind American c
Southern Atlantic Coast Hurricane Seasonal Ma	<u>428B</u>	HM2	10,000	Dollar x Ind American c
Southern Atlantic Coast Hurricane Seasonal Ma	428 & 428	HSS	1,000	dollar x CH Future/Am

					Single Mon	th
			Single Month Aggregate	Single Month Aggregate Into		Single Month
		Danas atima	Into Futures	Futures	Aggregate	Aggregate
Settlement	Group	Reporting Level	Equivalent Leg (1)	Equivalent Leg (2)	Leg (1)	Ratio Into
Financially settled	•		1P2	(2)	reg (1)	Leg (2)
Financially settled			2P2			
Financially settled			3P2			
Financially settled			4P2			
Financially settled			5P2			
Financially settled			6P2			
Financially settled			7P2			
Financially settled			8P2			
Financially settled	c CME HURR	25	9P2			
Financially settled	c CME HURR	25	2S1			
Financially settled	c CME HURR	25	2S2			
Financially settled	c CME HURR	25	2S3			
Financially settled	c CME HURR	25	2S4			
Financially settled	CME HURR	25	2S5			
Financially settled	c CME HURR	25	<b>2</b> S6			
Financially settled			2S7			
Financially settled			2S8			
Financially settled			2S9			
Financially settled			2S0			
Financially settled			1N2			
Financially settled f			HF2			
Financially settled f			HF3			
Financially settled			F22			
Financially settled f			HX1			
Financially settled f			HX2			
Financially settled			X12			
Financially settled			X22 X32			
Financially settled of Financially settled of			X42			
Financially settled			X52			
Financially settled			X62			
Financially settled			X72			
Financially settled			X82			
Financially settled			X92			
Financially settled			0X2			
Financially settled			X02			
Financially settled f			HX3			
Financially settled f			HN1			
Financially settled f			HX4			
,						

Financially settled f CME HURR 25	HX5
Financially settled f CME HURR 25	HX6
Financially settled f CME HURR 25	HX7
Financially settled f CME HURR 25	HX8
Financially settled f CME HURR 25	HX9
Financially settled f CME HURR 25	HX0
Financially settled f CME HURR 25	HG1
Financially settled f CME HURR 25	HG2
Financially settled f CME HURR 25	HG3
Financially settled f CME HURR 25	HG4
Financially settled f CME HURR 25	HG5
Financially settled f CME HURR 25	HG6
Financially settled f CME HURR 25	HG7
Financially settled f CME HURR 25	HG8
Financially settled f CME HURR 25	HXA
Financially settled f CME HURR 25	HXM
Financially settled f CME HURR 25	HG9
Financially settled f CME HURR 25	HG0
Financially settled f CME HURR 25	HF1
Financially settled c CME HURR 25	BHX
Financially settled c CME HURR 25	BX2
Financially settled c CME HURR 25	MHX
Financially settled c CME HURR 25	MX2
Financially settled f CME HURR 25	FGM
Financially settled f CME HURR 25	GFM
Financially settled c CME HURR 25	BGF
Financially settled c CME HURR 25	GF2
Financially settled c CME HURR 25	BFG
Financially settled c CME HURR 25	BFA
Financially settled c CME HURR 25	OAA
Financially settled c CME HURR 25	OAM
Financially settled c CME HURR 25	HAA
Financially settled f CME HURR 25	HAM
Financially settled c CME HURR 25	MFM
Financially settled c CME HURR 25	BMF
Financially settled c CME HURR 25	FM2
Financially settled c CME HURR 25	BHG
Financially settled c CME HURR 25	BG2
Financially settled c CME HURR 25	MHG
Financially settled c CME HURR 25	MG2
Financially settled f CME HURR 25	HFA
Financially settled f CME HURR 25	HFM
Financially settled c CME HURR 25	BHF
Financially settled c CME HURR 25	MHF
Financially settled c CME HURR 25	FB2
Financially settled c CME HURR 25	MF2
Financially settled f CME HURR 25	HPA

Financially settled f CME HURR 25	HPM
Financially settled c CME HURR 25	NH2
Financially settled c CME HURR 25	P42
Financially settled f CME HURR 25	HN2
Financially settled f CME HURR 25	HN3
Financially settled f CME HURR 25	HP1
Financially settled f CME HURR 25	HP2
Financially settled c CME HURR 25	P12
Financially settled c CME HURR 25	P22
Financially settled c CME HURR 25	P32
Financially settled c CME HURR 25	P52
Financially settled c CME HURR 25	P62
Financially settled c CME HURR 25	P72
Financially settled c CME HURR 25	P82
Financially settled c CME HURR 25	P92
Financially settled c CME HURR 25	0P2
Financially settled c CME HURR 25	P02
Financially settled c CME HURR 25	S12
Financially settled c CME HURR 25	S22
Financially settled c CME HURR 25	S32
Financially settled c CME HURR 25	S42
Financially settled c CME HURR 25	S52
Financially settled c CME HURR 25	S62
Financially settled c CME HURR 25	S72
Financially settled c CME HURR 25	S82
Financially settled c CME HURR 25	S92
Financially settled c CME HURR 25	S02
Financially settled c CME HURR 25	NH1
Financially settled f CME HURR 25	HP3
Financially settled f CME HURR 25	HP4
Financially settled f CME HURR 25	HP5
Financially settled f CME HURR 25	HP6
Financially settled f CME HURR 25	HP7
Financially settled f CME HURR 25	HP8
Financially settled f CME HURR 25	HP9
Financially settled f CME HURR 25	HP0
Financially settled f CME HURR 25	HS1
Financially settled f CME HURR 25	HS2
Financially settled f CME HURR 25	HS3
Financially settled f CME HURR 25	HS4
Financially settled f CME HURR 25	HS5
Financially settled f CME HURR 25	HS6
Financially settled f CME HURR 25	HS7
Financially settled f CME HURR 25	HS8
Financially settled f CME HURR 25	HS9
Financially settled f CME HURR 25	HS0
Financially settled f CME HURR 25	HDA

Financially settled f CME HURR 25	HDM
Financially settled f CME HURR 25	HGA
Financially settled f CME HURR 25	HGM
Financially settled c CME HURR 25	BHR
Financially settled c CME HURR 25	RH2
Financially settled c CME HURR 25	MHR
Financially settled c CME HURR 25	MR2
Financially settled f CME HURR 25	HNA
Financially settled f CME HURR 25	HNM
Financially settled f CME HURR 25	HSA
Financially settled c CME HURR 25	BHS
Financially settled c CME HURR 25	SB2
Financially settled c CME HURR 25	HMS
Financially settled c CME HURR 25	HM2
Financially settled f CME HURR 25	HSS

					All Month	
Single Month	Single Month	All Month		All Month	All Month	All Month
Accountability	Limit (In Net	Limit	All Month Limit		Aggregate	Accountability
Level (In Net	Futures	Aggregate	Aggregate Into	Ratio Into	Ratio Into	Level (In Net
Futures	Equivalents)	Into Futures	Futures	Futures	Futures	Futures
Equivalents) Leg	Leg (1) / Leg	Equivalent Leg	Equivalent Leg	Equivalents	Equivalents	Equivalents) Leg
(1) / Leg (2)	(2)	(1)	(2)	Leg (1)	Leg (2)	(1) / Leg (2)
10000		1P2				10000
10000		2P2				10000
10000		3P2				10000
10000		4P2				10000
10000		5P2				10000
10000 10000		6P2 7P2				10000 10000
10000		8P2				10000
10000		9P2				10000
10000		2S1				10000
10000		2S2				10000
10000		2S3				10000
10000		2S4				10000
10000		2S5				10000
10000		2S6				10000
10000		2S7				10000
10000		2S8				10000
10000		2S9				10000
10000		2S0				10000
10000		1N2				10000
10000		HF2				10000
10000		HF3				10000
10000		F22 HX1				10000 10000
10000 10000		HX2				10000
10000		X12				10000
10000		X22				10000
10000		X32				10000
10000		X42				10000
10000		X52				10000
10000		X62				10000
10000		X72				10000
10000		X82				10000
10000		X92				10000
10000		0X2				10000
10000		X02				10000
10000		HX3				10000
10000		HN1				10000
10000		HX4				10000

10000	HX5	10000
10000	HX6	10000
10000	HX7	10000
10000	HX8	10000
10000	HX9	10000
10000	HX0	10000
10000	HG1	10000
10000	HG2	10000
10000	HG3	10000
10000	HG4	10000
10000	HG5	10000
10000	HG6	10000
10000	HG7	10000
10000	HG8	10000
10000	HXA	10000
10000	HXM	10000
10000	HG9	10000
10000	HG0	10000
10000	HF1	10000
10000	внх	10000
10000	BX2	10000
10000	MHX	10000
10000	MX2	10000
10000	FGM	10000
10000	GFM	10000
10000	BGF	10000
10000	GF2	10000
10000	BFG	10000
10000	BFA	10000
10000	OAA	10000
10000	OAM	10000
10000	НАА	10000
10000	HAM	10000
10000	MFM	10000
10000	BMF	10000
10000	FM2	10000
10000	BHG	10000
10000	BG2	10000
10000	MHG	10000
10000	MG2	10000
10000	HFA	10000
10000	HFM	10000
10000	BHF	10000
10000	MHF	10000
10000	FB2	10000
10000	MF2	10000
10000	HPA	10000

10000	НРМ	10000
10000	NH2	10000
10000	P42	10000
10000	HN2	10000
10000	HN3	10000
10000	HP1	10000
10000	HP2	10000
10000	P12	10000
10000	P22	10000
10000	P32	10000
10000	P52	10000
10000	P62	10000
10000	P72	10000
10000	P82	10000
10000	P92	10000
10000	0P2	10000
10000	P02	10000
10000	S12	10000
10000	S22	10000
10000	S32	10000
10000	S42	10000
10000	S52	10000
10000	S62	10000
10000	S72	10000
10000	S82	10000
10000	S92	10000
10000	S02	10000
10000	NH1	10000
10000	HP3	10000
10000	HP4	10000
10000	HP5	10000
10000	HP6	10000
10000	HP7	10000
10000	HP8	10000
10000	HP9	10000
10000	HPO	10000
10000	HS1	10000
10000	HS2	10000
10000	HS3	10000
10000	HS4	10000
10000	HS5	10000
10000	HS6	10000
10000	HS7	10000
10000	HS8	10000
10000	HS9	10000
10000	HS0	10000
10000	HDA	10000

10000	HDM	10000
10000	HGA	10000
10000	HGM	10000
10000	BHR	10000
10000	RH2	10000
10000	MHR	10000
10000	MR2	10000
10000	HNA	10000
10000	HNM	10000
10000	HSA	10000
10000	BHS	10000
10000	SB2	10000
10000	HMS	10000
10000	HM2	10000
10000	HSS	10000

All Month
Limit (In Net
Futures
Equivalents)
Leg (1) / Leg
(2)

		Commodity		Contract
Contract Name	Rule Chapter	Code	Contract Size	Units
AMSTERDAM FROST Index	416 & 416A	FZ	10,000	Euro x Index
AMSTERDAM FROST STRIP	417 & 417A	FZX	10,000	Euro x Index
BOSTON LOGAN INTL Snowfall Index	418 & 418A	SB	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index JAN	402 & 402A	SBF	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index FEB	402 & 402A	SBG	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index MAR	402 & 402A	SBH	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index	402 & 402A	SBV	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index NOV	402 & 402A	SBX	500	Dollar x Index
BOSTON LOGAN INTL Snowfall Index DEC	402 & 402A	SBZ	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Index	<u>441A</u>	CJR	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Index Seasonal Bir	ո <u>441B</u>	IR	10,000	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRH	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRJ	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRK	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRM	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRN	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRQ	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Mthy & Seasonal	B <u>441B</u>	IRU	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips M.	442 & 442A	CRH	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips AF	442 & 442A	CRJ	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips M.	442 & 442A	CRK	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips JU	1 <u>442 &amp; 442A</u>	CRM	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips JU	l <u>442 &amp; 442A</u>	CRN	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips AU	J <u>442 &amp; 442A</u>	CRQ	500	Dollar x Index
CHICAGO O'HARE INTL Rainfall Seasonal Strips SE	F <u>442 &amp; 442A</u>	CRU	500	Dollar x Index
CHICAGO O'HARE INTL Snowfall Index	418 & 418A	SW	500	Dollar x Index
CHICAGO O'HARE INTL Seasonal Strip Snowfall JA	1 <u>402 &amp; 402A</u>	SWF	500	Dollar x Index
CHICAGO O'HARE INTL Seasonal Strip Snowfall FE	I <u>402 &amp; 402A</u>	SWG	500	Dollar x Index
CHICAGO O'HARE INTL Seasonal Strip Snowfall M	/ <u>402 &amp; 402A</u>	SWH	500	Dollar x Index
CHICAGO O'HARE INTL Seasonal Strip Snowfall NO	C <u>402 &amp; 402A</u>	SWX	500	Dollar x Index
CHICAGO O'HARE INTL Seasonal Strip Snowfall DE	402 & 402A	SWZ	500	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary Seaso	r <u>418B</u>	AV6	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary Seaso	r <u>418B</u>	AV8	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary	<u>418B</u>	AV	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary JAN	<u>418B</u>	AVF	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary FEB	<u>418B</u>	AVG	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Binary DEC	<u>418B</u>	AVZ	10,000	Dollar x Index
COLORADO SPRINGS MUN Snowfall Index	<u>418A</u>	SC	500	Dollar x Index
COLORADO SPRINGS MUN Snowfall Index JAN	418 & 418A	SCF	500	Dollar x Index

COLORADO SPRINGS MUN Snowfall Index FEB	418 & 418A	SCG	500	Dollar x Index
COLORADO SPRINGS MUN Snowfall Index DEC	418 & 418A	SCZ	500	Dollar x Index
COLORADO SPRINGS MUN Snowfall Seasonal	<u>418 &amp; 418A</u>	SC6	500	Dollar x Index
COLORADO SPRINGS MUN Snowfall Seasonal	418 & 418A	SC8	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index JA	AN <u>418 &amp; 418A</u>	STF	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index F	EB <u>418 &amp; 418A</u>	STG	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index N	1A <u>418 &amp; 418A</u>	STH	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index N	IO\ <u>418 &amp; 418A</u>	STX	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AY	10,000	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AYF	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AYG	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AYH	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AYX	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Mthy B	ina <u>418B</u>	AYZ	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index	<u>418A</u>	ST	500	Dollar x Index
COLUMBUS PORT-COLUMBUS Snowfall Index D	EC 402 & 402A	STZ	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index	441 & 441A	WR	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index MAR	442 & 442A	WRH	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index APR	442 & 442A	WRJ	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index MAY	442 & 442A	WRK	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index JUN	442 & 442A	WRM	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index JUL	442 & 442A	WRN	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index APR	442 & 442A	WRQ	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Index SEP	442 & 442A	WRU	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LR	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRH	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRJ	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRK	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRM	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRN	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRQ	500	Dollar x Index
DALLAS-FORT WORTH Rainfall Mthy & Seasonal		LRU	500	Dollar x Index
DES MOINES INTL Rainfall Index	441 & 441A	MR	500	Dollar x Index
DES MOINES INTL Rainfall Index MAR	442 & 442A	MRH	500	Dollar x Index
DES MOINES INTL Rainfall Index APR	442 & 442A	MRJ	500	Dollar x Index
DES MOINES INTL Rainfall Index MAY	442 & 442A	MRK	500	Dollar x Index
DES MOINES INTL Rainfall Index JUN	442 & 442A	MRM	500	Dollar x Index
DES MOINES INTL Rainfall Index JUL	442 & 442A	MRN	500	Dollar x Index
DES MOINES INTL Rainfall Index AUG	442 & 442A	MRQ	500	Dollar x Index
DES MOINES INTL Rainfall Index AGG	442 & 442A 442 & 442A	MRU	500	Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bina		TL	500	Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bina		TLH	500	Dollar x Index
·	· ——	TLJ	500	Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bin		TLK		Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bin	-		500	
DES MOINES INTL Rainfall Mthy & Seasonal Bin	•	TLM	500	Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bin	-	TLN	500	Dollar x Index Dollar x Index
DES MOINES INTL Rainfall Mthy & Seasonal Bina	ai ) <u>442D</u>	TLQ	500	Dollar x illuex

DES MOINES INTL Rainfall Mthy & Seasonal Binary	442D	TLU	500	Dollar x Index
DETROIT INTL Snowfall Index	442B 418 & 418A	EK		Dollar x Index
DETROIT INTL Snowfall Index JAN	418 & 418A 402 & 402A	EKF		Dollar x Index
DETROIT INTE Showfall Index FEB	402 & 402A 402 & 402A	EKG		Dollar x Index
DETROIT INTL Snowfall Index MAR	402 & 402A 402 & 402A	EKH		Dollar x Index
DETROIT INTL Snowfall Index NOV	402 & 402A 402 & 402A	EKX		Dollar x Index
DETROIT INTL Snowfall Index DEC	402 & 402A 402 & 402A	EKZ		Dollar x Index
DETROIT INTE SHOWIAH HIGEX DEC	442 & 442A	VLH		Dollar x Index
DETROIT METRO Rainfall Index MAR	442 & 442A 442 & 442A	VLH		Dollar x Index
	442 & 442A 442 & 442A	VLK		Dollar x Index
DETROIT METRO Rainfall Index MAT	442 & 442A 442 & 442A	VLN		Dollar x Index
DETROIT METRO Rainfall Index JUL	442 & 442A 442 & 442A	VLN		Dollar x Index
DETROIT METRO Rainfall Index AUG	442 & 442A 442 & 442A	VLN		Dollar x Index
DETROIT METRO Rainfall Index SEP	442 & 442A 442 & 442A	VLQ		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary				Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary		QL		Dollar x Index
•		QLH		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary		QLJ		
DETROIT METRO Rainfall Mthy & Seasonal Binary		QLK		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary	·	QLM		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary		QLN		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary		QLQ		Dollar x Index
DETROIT METRO Rainfall Mthy & Seasonal Binary		QLU		Dollar x Index
JACKSONVILLE INT Rainfall Index	441 & 441A	LF		Dollar x Index
JACKSONVILLE INT Rainfall Index MAR	442 & 442A	LFH		Dollar x Index
JACKSONVILLE INT Rainfall Index APR	442 & 442A	LFJ		Dollar x Index
JACKSONVILLE INT Rainfall Index MAY	442 & 442A	LFK		Dollar x Index
JACKSONVILLE INT Rainfall Index JUN	442 & 442A	LFM		Dollar x Index
JACKSONVILLE INT Rainfall Index JUL	442 & 442A	LFN		Dollar x Index
JACKSONVILLE INT Rainfall Index AUG	442 & 442A	LFQ		Dollar x Index
JACKSONVILLE INT Rainfall Index SEP	442 & 442A	LFU		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary M.		EFH	500	Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary AF		EFJ		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary M.		EFK		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary JU	·	EFM		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary JU		EFN		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary AL		EFQ		Dollar x Index
JACKSONVILLE Rainfall Mthy & Seasonal Binary SE		EFU		Dollar x Index
Kansas City Intl Rainfall Strip MARCH	442 & 442A	KCH		Dollar x Index
Kansas City Intl Rainfall Mthy	441 & 441A	KC		Dollar x Index
Kansas City Intl Rainfall Strip APRIL	442 & 442A	KCJ		Dollar x Index
Kansas City Intl Rainfall Strip MAY	442 & 442A	KCK		Dollar x Index
Kansas City Intl Rainfall Strip JUNE	442 & 442A	KCM		Dollar x Index
	442 & 442A	KCN		Dollar x Index
Kansas City Intl Rainfall Strip AUGUST	442 & 442A	KCQ		Dollar x Index
Kansas City Intl Rainfall Strip SEPTEMBER	442 & 442A	KCU		Dollar x Index
Kansas City Intl Rainfall Synth Mthy	441 & 441A	KM		Dollar x Index
Kansas City Intl Rainfall Synth Strip MARCH	442 & 442A	KMH	500	Dollar x Index

Kansas City Intl Rainfall Synth Strip APRIL	442 & 442A	KMJ	500	Dollar x Index
Kansas City Intl Rainfall Synth Strip MAY	442 & 442A	KMK	500	Dollar x Index
Kansas City Intl Rainfall Synth Strip JUNE	442 & 442A	KMM	500	Dollar x Index
Kansas City Intl Rainfall Synth Strip JULY	442 & 442A	KMN	500	Dollar x Index
Kansas City Intl Rainfall Synth Strip AUGUST	442 & 442A	KMQ	500	Dollar x Index
Kansas City Intl Rainfall Synth Strip SEPTEMBER	442 & 442A	KMU	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CL	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLH	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	442B	CLJ	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLK	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLM	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLN	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLQ	500	Dollar x Index
Los Angeles Downtown Rainfall Mthy & Seasonal	<u>442B</u>	CLU	500	Dollar x Index
Los Angeles Downtown Rainfall Index MAR	442 & 442A	ARH	500	Dollar x Index
Los Angeles Downtown Rainfall Index APR	442 & 442A	ARJ	500	Dollar x Index
Los Angeles Downtown Rainfall Index MAY	442 & 442A	ARK	500	Dollar x Index
Los Angeles Downtown Rainfall Index JUN	442 & 442A	ARM	500	Dollar x Index
Los Angeles Downtown Rainfall Index JUL	442 & 442A	ARN	500	Dollar x Index
Los Angeles Downtown Rainfall Index AUG	442 & 442A	ARQ	500	Dollar x Index
Los Angeles Downtown Rainfall Index SEP	442 & 442A	ARU	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index	418 & 418A	BV	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index JAN	402 & 402A	BVF	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index FEB	402 & 402A	BVG	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index MAR	402 & 402A	BVH	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index NOV	402 & 402A	BVX	500	Dollar x Index
MINNEAPOLIS INTL Snowfall Index DEC	402 & 402A	BVZ	500	Dollar x Index
New York Central Park Snowfall Index	418 & 418A	SX	500	Dollar x Index
New York Central Park Snowfall Index JAN	402 & 402A	SXF	500	Dollar x Index
New York Central Park Snowfall Index FEB	402 & 402A	SXG	500	Dollar x Index
New York Central Park Snowfall Index MAR	402 & 402A	SXH	500	Dollar x Index
New York Central Park Snowfall Index OCT	402 & 402A	SXV	500	Dollar x Index
New York Central Park Snowfall Index NOV	402 & 402A	SXX	500	Dollar x Index
New York Central Park Snowfall Index Dec	402 & 402A	SXZ	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YF	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFH	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFJ	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFK	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFM	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFN	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFQ	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Mthy & Seas	442B	YFU	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index	441 & 441A	YA	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index MAR	442 & 442A	YAH	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index APR	442 & 442A	YAJ	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index MAY	442 & 442A	YAK	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index JUN	442 & 442A	YAM	500	Dollar x Index

NEW YORK LAGUARDIA INTL Rainfall Index JUL	442 & 442A	YAN	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index AUG	442 & 442A	YAQ	500	Dollar x Index
NEW YORK LAGUARDIA INTL Rainfall Index SEP	442 & 442A	YAU	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index	418 & 418A	FG	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index JAN	402 & 402A	FGF	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index FEB	402 & 402A	FGG	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index MAR		FGH	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index NOV	402 & 402A	FGX	500	Dollar x Index
NEW YORK LAGUARDIA INTL Snowfall Index DEC	402 & 402A	FGZ	500	Dollar x Index
NEWARK INTL Snowfall Mthy Binary	402B	BI	10,000	Dollar x Index
NEWARK INTL Snowfall Mthy Binary JAN	402B	BIF	10,000	Dollar x Index
NEWARK INTL Snowfall Mthy Binary FEB	402B	BIG	10,000	Dollar x Index
NEWARK INTL Snowfall Mthy Binary MAR	402B	BIH	10,000	Dollar x Index
NEWARK INTL Snowfall Mthy Binary NOV	402B	BIX	10,000	Dollar x Index
NEWARK INTE Showfall Mthy Binary DEC		BIZ	-	Dollar x Index
• •	402B		10,000	
NEWARK INTL Snowfall Index	418A	SK	500	Dollar x Index
NEWARK INTL Snowfall Index JAN	418A	SKF	500	Dollar x Index
NEWARK INTL Snowfall Index FEB	418A	SKG	500	Dollar x Index
NEWARK INTL Snowfall Index MAR	418A	SKH	500	Dollar x Index
NEWARK INTL Snowfall Index NOV	<u>418A</u>	SKX	500	Dollar x Index
NEWARK INTL Snowfall Index DEC	<u>418A</u>	SKZ	500	Dollar x Index
Northern Atlantic Coast Hurrican Seasonal Binary		BHR	10,000	Dollar x Index
Northern Atlantic Coast Hurrican Seasonal Binary	<u>427B</u>	RH2	10,000	Dollar x Index
Northern Atlantic Coast Hurrican Seasonal Max B	<u>428B</u>	MHR	10,000	Dollar x Index
Northern Atlantic Coast Hurrican Seasonal Max B	<u>428B</u>	MR2	10,000	Dollar x Index
Northern ATLANTIC Hurricane Index Seasonal ACC	427 & 427A	HNA	1,000	Dollar x CHI Ir
Northern ATLANTIC Hurricane Index Seasonal MA	428 & 428A	HNM	1,000	Dollar x CHI Ir
PORTLAND INTL Rainfall Index	441 & 441A	PR	500	Dollar x Index
PORTLAND INTL Rainfall Index MAR	442 & 442A	PRH	500	Dollar x Index
PORTLAND INTL Rainfall Index APR	442 & 442A	PRJ	500	Dollar x Index
PORTLAND INTL Rainfall Index MAY	442 & 442A	PRK	500	Dollar x Index
PORTLAND INTL Rainfall Index JUN	442 & 442A	PRM	500	Dollar x Index
PORTLAND INTL Rainfall Index JUL	442 & 442A	PRN	500	Dollar x Index
PORTLAND INTL Rainfall Index AUG	442 & 442A	PRQ	500	Dollar x Index
PORTLAND INTL Rainfall Index SEP	442 & 442A	PRU	500	Dollar x Index
PORTLAND INTL Rainfall Mthy & Seasonal Binary		XR	500	Dollar x Index
PORTLAND INTL Rainfall Mthy & Seasonal Binary		XRH	500	Dollar x Index
PORTLAND INTL Rainfall Mthy & Seasonal Binary	·	XRJ	500	Dollar x Index
PORTLAND INTL Rainfall Mthy & Seasonal Binary		XRK	500	Dollar x Index
PORTLAND INTE Rainfall Mthy & Seasonal Binary	·	XRM	500	Dollar x Index
PORTLAND INTE Rainfall Mthy & Seasonal Binary .		XRN	500	Dollar x Index
•	· <del></del>			Dollar x Index
PORTLAND INTL Painfall Mthy & Seasonal Binary	· <del></del>	XRQ	500	Dollar x Index Dollar x Index
PORTLAND INTL Rainfall Mthy & Seasonal Binary		XRU	500	
RALEIGH/DURHAM INTL Rainfall Index	441 & 441A	DF	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Index MAR	442 & 442A	DFH	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Index APR	442 & 442A	DFJ	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Index MAY	442 & 442A	DFK	500	Dollar x Index

RALEIGH/DURHAM INTL Rainfall Index JUL  RALEIGH/DURHAM INTL Rainfall Index AUG  RALEIGH/DURHAM INTL Rainfall Index SEP  442 & 442A  DFQ  500  Dollar x Index  RALEIGH/DURHAM INTL Rainfall Index SEP  442 & 442A  DFU  500  Dollar x Index  RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B  Southern Atlantic Coast Hurrican Seasonal Binary 427B  Southern Atlantic Coast Hurrican Seasonal Binary 427B  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  D	RALEIGH/DURHAM INTL Rainfall Index JUN 442 & 4	42A DFM	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Index SEP  442 & 442 A  DFU  500  Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442 B  Southern Atlantic Coast HURRICANE Seasonal Binix 428 & 428 A  HSA  1,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Binary 427 B  SB2  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428 B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428 B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428 B  HMS  10,000  Dollar x Index  Southern Atlantic Coast Hurrican Seasonal Max Bi 428 B  HMS  10,000  Dollar x Index	RALEIGH/DURHAM INTL Rainfall Index JUL 442 & 4	42A DFN	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFH 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFH 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFJ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFK 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFM 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Binix 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Index AUG 442 & 4	42A DFQ	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFJ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFJ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFK 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFM 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Bina 428 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Index SEP 442 & 4	42A DFU	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFJ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFK 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFM 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Binary 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XF	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFK 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFM 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Binary 428 XFU 500 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFH	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFM 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Bina 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFJ	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFN 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Binary 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFK	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFQ 500 Dollar x Index RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Bina 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFM	500	Dollar x Index
RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B XFU 500 Dollar x Index Southern Atlantic Coast HURRICANE Seasonal Bina 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFN	500	Dollar x Index
Southern Atlantic Coast HURRICANE Seasonal Bina 428 & 428A HSA 1,000 Dollar x CHI Ir Southern Atlantic Coast Hurrican Seasonal Binary 427B BHS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFQ	500	Dollar x Index
Southern Atlantic Coast Hurrican Seasonal Binary 427B  Southern Atlantic Coast Hurrican Seasonal Binary 427B  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  Southern Atlantic Coast Hurrican Seasonal Max Bi 428B  HMS  10,000  Dollar x Index  10,000  Dollar x Index  HMS  10,000  Dollar x Index	RALEIGH/DURHAM INTL Rainfall Mthy & Seasonal 442B	XFU	500	Dollar x Index
Southern Atlantic Coast Hurrican Seasonal Binary 427B SB2 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	Southern Atlantic Coast HURRICANE Seasonal Bina 428 & 4	28A HSA	1,000	Dollar x CHI Ir
Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HMS 10,000 Dollar x Index Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	Southern Atlantic Coast Hurrican Seasonal Binary 427B	BHS	10,000	Dollar x Index
Southern Atlantic Coast Hurrican Seasonal Max Bi 428B HM2 10,000 Dollar x Index	Southern Atlantic Coast Hurrican Seasonal Binary 427B	SB2	10,000	Dollar x Index
	Southern Atlantic Coast Hurrican Seasonal Max Bi 428B	HMS	10,000	Dollar x Index
Southern Atlantic Coast Hurrican Seasonal Max 428 & 428 A HSS 1,000 Dollar x CHI Ir	Southern Atlantic Coast Hurrican Seasonal Max Bi 428B	HM2	10,000	Dollar x Index
	Southern Atlantic Coast Hurrican Seasonal Max 428 & 4	28A HSS	1,000	Dollar x CHI Ir

						Single Month
Туре	Settlement	Group	Reporting Level	Single Month Aggregate Into Futures Equivalent Leg (1)	Single Month Aggregate Into Futures Equivalent Leg (2)	Aggregate
	i Financially sett					

Future/Ameri Financially settl CME SNOW-R 25 American opt Exercisable in fi CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25

American opt exercisable in fi CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25

AV6 AV8 AV AVF AVG AVZ Future/Ameri Financially settl CME SNOW-R 25 American opt exercisable in fi CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25

ΑY

American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25 American opt Financially settl CME SNOW-R 25 Future/Ameri Financially settl CME SNOW-R 25

Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
•
Future/Ameri Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
•
American opt Financially settl CME SNOW-R 25
American opt exercisable in fi CME SNOW-R 25
American opt exercisable in fi CME SNOW-R 25
American opt exercisable in fi CME SNOW-R0
American opt exercisable in fi CME SNOW-R 25
American opt exercisable in fi CME SNOW-R 25
American opt exercisable in fi CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
•
Future/Ameri Financially settl CME SNOW-R 25
•
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
·
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
American opt Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25
•
Future/Ameri Financially settl CME SNOW-R 25
Future/Ameri Financially settl CME SNOW-R 25

BI BIF BIG BIH BIX BIZ

BHR RH2 MHR MR2 HNA HNM

Future/Ameri Financially settl CME SNOW-R 25	
Future/Ameri Financially settl CME SNOW-R 25	
Future/Ameri Financially settl CME SNOW-R 25	
Future/Ameri Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
American opt Financially settl CME SNOW-R 25	
Future/Ameri Financially settl CME SNOW-R 25	HSA
American opt Financially settl CME SNOW-R 25	BHS
American opt Financially settl CME SNOW-R 25	SB2
American opt Financially settl CME SNOW-R 25	HMS
American opt Financially settl CME SNOW-R 25	HM2
Future/Ameri Financially settl CME SNOW-R 25	HSS

Single Month Aggregate Ratio Into Leg (2)	Single Month Accountability Level (In Net Futures Equivalents) Leg (1) / Leg (2)	Single Month Limit (In Net Futures Equivalents) Leg (1) / Leg (2)	All Month Limit Aggregate Into Futures Equivalent Leg (1)	All Month Limit Aggregate Into Futures Equivalent Leg (2)	All Month Aggregate Ratio Into Futures Equivalents Leg (1)
	10000 10000 10000 10000 10000 10000		FZ FZX SB SBF SBG SBH SBV SBX SBZ CJR IR IRH IRJ IRK IRM IRN IRQ IRU CRH CRJ CRK CRM CRN CRQ CRU SW SWF SWG SWH SWX SWF SWG SWH SWX SWZ AV6 AV8 AV AVF AVG AVZ SC SCF		

SCG

SCZ

SC6

SC8

STF

STG

STH

STX

ΑY

AYF

AYG AYH

AYX

AYZ

ST

STZ

WR

WRH

WRJ WRK

WRM

WRN

WRQ

WRU

LR

LRH

LRJ

LRK

LRM

LRN

LRQ

LRU

MR

MRH

MRJ

MRK

MRM

MRN

MRQ

MRU

TL

TLH

TLJ

TLK

TLM

TLN TLQ

10000

TLU

ΕK

EKF

EKG

EKH

EKX

EKZ

VLH

VLJ

VLK

VLM

VLN

VLQ

VLU

QL

QLH

QLJ

QLK

QLM

QLN

QLQ

QLU

LF

LFH

LFJ

LFK

LFM

LFN

LFQ

LFU

EFH

EFJ

EFK

EFM EFN

EFQ

EFU

KCH

KC

KCJ

KCK

KCM

KCN

KCQ

KCU

ΚM

KMH

KMJ

KMK

KMM

KMN

KMQ

KMU

 $\mathsf{CL}$ 

CLH

CLJ

CLK

CLM

CLN

CLQ

CLU

ARH

ARJ

ARK

ARM

ARN

ARQ

ARU

BV

BVF

BVG

BVH

BVX

BVZ

SX

SXF

SXG

 $\mathsf{SXH}$ 

 $\mathsf{SXV}$ 

SXX

 $\mathsf{SXZ}$ 

ΥF

YFH

YFJ

YFK

YFM

YFN

YFQ

YFU

YΑ

YAH

YAJ

YAK YAM

YAN YAQ YAU FG FGF FGG FGH FGX FGZ 10000 ВΙ 10000 BIF 10000 BIG 10000 BIH BIX 10000 10000 BIZ SK SKF SKG SKH SKX SKZ BHR 10000 10000 RH2 10000 MHR 10000 MR2 10000 HNA 10000 HNM PR PRH PRJ PRK PRM PRN PRQ PRU XR XRH XRJ XRK XRM XRN XRQ XRU DF DFH DFJ DFK

DFM

DFN

DFQ

DFU

XF

XFH

XFJ

XFK

XFM

XFN

XFQ

XFU

10000 HSA

10000

BHS

10000 SB2

10000 HMS

10000 HM2 10000 HSS

All Month		
All Month Aggregate Ratio Into Futures	All Month Accountability Level (In Net Futures	All Month Limit
Equivalents	Equivalents) Leg	Equivalents)
Leg (2)	(1) / Leg (2)	Leg (1) / Leg (2)
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000 10,000
		10,000
		10000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000 10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
		10,000
	10000	
	10000	
	10000 10000	
	10000	
	10000	
	_5555	10,000
		10,000
		•

10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10000 10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000 10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000 10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10000 10000 10000 10000 10000 10000 10,000 10,000 10,000 10,000 10,000 10,000 10000 10000 10000 10000 10000 10000 10,000

10000

10000

10000

10000

10000

10000

		Commodity	Contract	
Contract Name	Rule Chapter	Code	Size	Contract Units
AMSTERDAM CAT	408 & 408A	G2	20	Euros x CME European C/
AMSTERDAM CAT Seasonal Strip APR	409 & 409A	G2J	20	Euros x CME European S€
AMSTERDAM CAT Seasonal Strip MAY	409 & 409A	G2K	20	Euros x CME European S€
AMSTERDAM CAT Seasonal Strip JUN	409 & 409A	G2M	20	Euros x CME European S€
AMSTERDAM CAT Seasonal Strip JUL	409 & 409A	G2N	20	Euros x CME European S€
AMSTERDAM CAT Seasonal Strip AUG	409 & 409A	G2Q	20	Euros x CME European S€
AMSTERDAM CAT Seasonal Strip SEP	409 & 409A	G2U	20	Euros x CME European S€
AMSTERDAM HDD	406 & 406A	D2	20	Euros x CME European H
AMSTERDAM HDD Seasonal Strip JAN	407 & 407A	D2F	20	Euros x CME European S€
AMSTERDAM HDD Seasonal Strip FEB	407 & 407A	D2G	20	Euros x CME European S€
AMSTERDAM HDD Seasonal Strip MAR	407 & 407A	D2H	20	Euros x CME European S€
AMSTERDAM HDD Seasonal Strip OCT	407 & 407A	D2V	20	Euros x CME European S€
AMSTERDAM HDD Seasonal Strip NOV	407 & 407A	D2X	20	Euros x CME European S€
AMSTERDAM HDD Seasonal Strip DEC	407 & 407A	D2Z	20	Euros x CME European S€
ATLANTA CDD	403 & 403A	K1	20	Dollar x CME Degree Day
ATLANTA CDD Seasonal Strip APR	405 & 405A	K1J	20	Dollar x CME Seasonal St
ATLANTA CDD Seasonal Strip MAY	405 & 405A	K1K	20	Dollar x CME Seasonal St
ATLANTA CDD Seasonal Strip JUN	405 & 405A	K1M	20	Dollar x CME Seasonal St
ATLANTA CDD Seasonal Strip JUL	405 & 405A	K1N	20	Dollar x CME Seasonal St
ATLANTA CDD Seasonal Strip AUG	405 & 405A	K1Q	20	Dollar x CME Seasonal St
ATLANTA CDD Seasonal Strip SEP	405 & 405A	K1U	20	Dollar x CME Seasonal St
ATLANTA HDD	403 & 403A	H1	20	Dollar x CME Degree Day
ATLANTA HDD Seasonal Strip JAN	405 & 405A	H1F	20	Dollar x CME Seasonal St
ATLANTA HDD Seasonal Strip FEB	405 & 405A	H1G	20	Dollar x CME Seasonal St
ATLANTA HDD Seasonal Strip MAR	405 & 405A	H1H	20	Dollar x CME Seasonal St
ATLANTA HDD Seasonal Strip OCT	405 & 405A	H1V	20	Dollar x CME Seasonal St
ATLANTA HDD Seasonal Strip NOV	405 & 405A	H1X	20	Dollar x CME Seasonal St
ATLANTA HDD Seasonal Strip DEC	405 & 405A	H1Z	20	Dollar x CME Seasonal St
ATLANTA WK Average Temperature 1	424 & 424A	H11	100	Dollar x CME Weekly Ave
ATLANTA WK Average Temperature 2	424 & 424A	H12	100	Dollar x CME Weekly Ave
ATLANTA WK Average Temperature 3	424 & 424A	H13	100	Dollar x CME Weekly Ave
ATLANTA WK Average Temperature 4	424 & 424A	H14	100	Dollar x CME Weekly Ave
ATLANTA WK Average Temperature 5	424 & 424A	H15	100	Dollar x CME Weekly Ave
BALTIMORE CDD	403 & 403A	KV	20	Dollar x CME Degree Day
BALTIMORE CDD Seasonal Strip MAY	405 & 405A	KVK	20	Dollar x CME Seasonal St
BALTIMORE CDD Seasonal Strip JUN	405 & 405A	KVM	20	Dollar x CME Seasonal St
BALTIMORE CDD Seasonal Strip JUL	405 & 405A	KVN	20	Dollar x CME Seasonal St
BALTIMORE CDD Seasonal Strip AUG	405 & 405A	KVQ	20	Dollar x CME Seasonal St
BALTIMORE CDD Seasonal Strip SEP	405 & 405A	KVU	20	Dollar x CME Seasonal St

BALTIMORE CDD Seasonal Strip APR	405 & 405A	KVV	20	Dollar x CME Seasonal St
BALTIMORE HDD	403 & 403A	HV	20	Dollar x CME Degree Day
BALTIMORE HDD Seasonal Strip JAN	405 & 405A	HVF	20	Dollar x CME Seasonal St
BALTIMORE HDD Seasonal Strip FEB	405 & 405A	HVG	20	Dollar x CME Seasonal St
BALTIMORE HDD Seasonal Strip MAR	405 & 405A	HVH	20	Dollar x CME Seasonal St
•				Dollar x CME Seasonal St
BALTIMORE HDD Seasonal Strip OCT	405 & 405A	HVV	20	
BALTIMORE HDD Seasonal Strip NOV	405 & 405A	HVX	20	Dollar x CME Seasonal St
BALTIMORE HDD Seasonal Strip DEC	405 & 405A	HVZ	20	Dollar x CME Seasonal St
BALTIMORE WK Average Temperature 1	<u>424 &amp; 424A</u>	HV1	100	Dollar x CME Weekly Ave
BALTIMORE WK Average Temperature 2	<u>424</u>	HV2	100	Dollar x CME Weekly Ave
BALTIMORE WK Average Temperature 3	424 & 424A	HV3	100	Dollar x CME Weekly Ave
BALTIMORE WK Average Temperature 4	424 & 424A	HV4	100	Dollar x CME Weekly Ave
BALTIMORE WK Average Temperature 5	424 & 424A	HV5	100	Dollar x CME Weekly Ave
BARCELONA CAT	408 & 408A	G8	20	Euros x CME European C/
BARCELONA CAT Seasonal Strip APR	409 & 409A	G8J	20	Euros x CME European Se
BARCELONA CAT Seasonal Strip MAY	409 & 409A	G8K	20	Euros x CME European Se
•				•
BARCELONA CAT Seasonal Strip JUN	409 & 409A	G8M	20	Euros x CME European Se
BARCELONA CAT Seasonal Strip JUL	<u>409 &amp; 409A</u>	G8N	20	Euros x CME European Se
BARCELONA CAT Seasonal Strip AUG	409 & 409A	G8Q	20	Euros x CME European Se
BARCELONA CAT Seasonal Strip SEP	409 & 409A	G8U	20	Euros x CME European Se
BARCELONA HDD	406 & 406A	D8	20	Euros x CME European H
BARCELONA HDD Seasonal Strip JAN	407 & 407A	D8F	20	Euros x CME European S€
BARCELONA HDD Seasonal Strip FEB	407 & 407A	D8G	20	Euros x CME European Se
BARCELONA HDD Seasonal Strip MAR	407 & 407A	D8H	20	Euros x CME European Se
BARCELONA HDD Seasonal Strip OCT	407 & 407A	D8V	20	Euros x CME European Se
BARCELONA HDD Seasonal Strip NOV	407 & 407A	D8X	20	Euros x CME European Se
BARCELONA HDD Seasonal Strip DEC		D8Z	20	Euros x CME European Se
·	407 & 407A			•
BERLIN CAT	408 & 408A	G3	20	Euros x CME European C/
BERLIN CAT Seasonal Strip APR	409 & 409A	G3J	20	Euros x CME European Se
BERLIN CAT Seasonal Strip MAY	409 & 409A	G3K	20	Euros x CME European Se
BERLIN CAT Seasonal Strip JUN	409 & 409A	G3M	20	Euros x CME European Se
BERLIN CAT Seasonal Strip JUL	409 & 409A	G3N	20	Euros x CME European Se
BERLIN CAT Seasonal Strip AUG	409 & 409A	G3Q	20	Euros x CME European S€
BERLIN CAT Seasonal Strip SEP	409 & 409A	G3U	20	Euros x CME European Se
BERLIN HDD	406 & 406A	D3	20	Euros x CME European H
BERLIN HDD Seasonal Strip JAN	407 & 407A	D3F	20	Euros x CME European Se
BERLIN HDD Seasonal Strip FEB	407 & 407A	D3G	20	Euros x CME European Se
BERLIN HDD Seasonal Strip MAR	407 & 407A	D3H	20	Euros x CME European Se
•				
BERLIN HDD Seasonal Strip OCT	407 & 407A	D3V	20	Euros x CME European Se
BERLIN HDD Seasonal Strip NOV	407 & 407A	D3X	20	Euros x CME European Se
BERLIN HDD Seasonal Strip DEC	<u>407 &amp; 407A</u>	D3Z	20	Euros x CME European Se
BOSTON CDD	403 & 403A	KW	20	Dollar x CME Degree Day
BOSTON CDD Seasonal Strip APR	405 & 405A	KWJ	20	Dollar x CME Seasonal St
BOSTON CDD Seasonal Strip MAY	405 & 405A	KWK	20	Dollar x CME Seasonal St
BOSTON CDD Seasonal Strip JUN	405 & 405A	KWM	20	Dollar x CME Seasonal St
BOSTON CDD Seasonal Strip JUL	405 & 405A	KWN	20	Dollar x CME Seasonal St
BOSTON CDD Seasonal Strip AUG	405 & 405A	KWQ	20	Dollar x CME Seasonal St
		~	-	

BOSTON CDD Seasonal Strip SEP	405 & 405A	KWU	20	Dollar x CME Seasonal St
BOSTON HDD	403 & 403A	HW	20	Dollar x CME Degree Day
BOSTON HDD Seasonal Strip JAN	405 & 405A	HWF	20	Dollar x CME Seasonal St
BOSTON HDD Seasonal Strip FEB	405 & 405A	HWG	20	Dollar x CME Seasonal St
BOSTON HDD Seasonal Strip MAR	405 & 405A	HWH	20	Dollar x CME Seasonal St
BOSTON HDD Seasonal Strip OCT	405 & 405A	HWV	20	Dollar x CME Seasonal St
BOSTON HDD Seasonal Strip NOV	405 & 405A	HWX	20	Dollar x CME Seasonal St
BOSTON HDD Seasonal Strip DEC	405 & 405A	HWZ	20	Dollar x CME Seasonal St
BOSTON WK Average Temperature 1	424 & 424A	HW1	100	Dollar x CME Weekly Ave
BOSTON WK Average Temperature 2	424 & 424A	HW2	100	Dollar x CME Weekly Ave
BOSTON WK Average Temperature 3	424 & 424A	HW3	100	Dollar x CME Weekly Ave
BOSTON WK Average Temperature 4	424 & 424A	HW4	100	Dollar x CME Weekly Ave
BOSTON WK Average Temperature 5	424 & 424A	HW5	100	Dollar x CME Weekly Ave
BRISBANE CDD	439 & 439A	7T	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip JAN	440 & 440A	7TF	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip FEB	440 & 440A	7TG	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip MAR	440 & 440A	7TH	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip OCT	440 & 440A	7TV	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip NOV	440 & 440A	7TX	20	Australian Dollars x CME
BRISBANE CDD Seasonal Strip DEC	440 & 440A	7TZ	20	Australian Dollars x CME
BRISBANE HDD	439 & 439A	3F	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip APR	440 & 440A	3FJ	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip MAY	440 & 440A	3FK	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip JUN	440 & 440A	3FM	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip JUL	440 & 440A	3FN	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip AUG	440 & 440A	3FQ	20	Australian Dollars x CME
BRISBANE HDD Seasonal Strip SEP	440 & 440A	3FU	20	Australian Dollars x CME
CALGARY CAT	425 & 425A	V2	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip APR	426 & 426A	V2J	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip MAY	426 & 426A	V2K	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip	426 & 426A	V2KK	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip JUN	426 & 426A	V2M	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip JUL	426 & 426A	V2N	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip AUG	426 & 426A	V2Q	20	Canadian Dollars x CME (
CALGARY CAT Seasonal Strip SEP	426 & 426A	V2U	20	Canadian Dollars x CME
CALGARY CDD	421 & 421A	P2	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip APR	422 & 422A	P2J	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip MAY	422 & 422A	P2K	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip JUN	422 & 422A	P2M	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip JUL	422 & 422A	P2N	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip AUG	422 & 422A	P2Q	20	Canadian Dollars x CME (
CALGARY CDD Seasonal Strip SEP	422 & 422A	P2U	20	Canadian Dollars x CME (
CALGARY HDD	421 & 421A	A2	20	Canadian Dollars x CME (
CALGARY HDD Seasonal Strip JAN	422 & 422A	A2F	20	Canadian Dollars x CME (
CALGARY HDD Seasonal Strip FEB	422 & 422A	A2G	20	Canadian Dollars x CME (
CALGARY HDD Seasonal Strip MAR	422 & 422A	A2H	20	Canadian Dollars x CME
CALGARY HDD Seasonal Strip OCT	422 & 422A	A2V	20	Canadian Dollars x CME
•	<del></del>			

CALGARY HDD Seasonal Strip NOV	422 & 422A	A2X	20	Canadian Dollars x CME (
CALGARY HDD Seasonal Strip DEC	422 & 422A	A2Z	20	Canadian Dollars x CME
CHICAGO CDD	403 & 403A	K2	20	Dollar x CME Degree Day
CHICAGO CDD Seasonal Strip APR	405 & 405A	K2J	20	Dollar x CME Seasonal St
CHICAGO CDD Seasonal Strip MAY	405 & 405A	K2K	20	Dollar x CME Seasonal St
CHICAGO CDD Seasonal Strip JUN	405 & 405A	K2M	20	Dollar x CME Seasonal St
CHICAGO CDD Seasonal Strip JUL	405 & 405A	K2N	20	Dollar x CME Seasonal St
CHICAGO CDD Seasonal Strip AUG	405 & 405A	K2Q	20	Dollar x CME Seasonal St
CHICAGO CDD Seasonal Strip SEP	405 & 405A	K2U	20	Dollar x CME Seasonal St
CHICAGO HDD	403 & 403A	H2	20	Dollar x CME Degree Day
CHICAGO HDD Seasonal Strip JAN	405 & 405A	H2F	20	Dollar x CME Seasonal St
CHICAGO HDD Seasonal Strip FEB	405 & 405A	H2G	20	Dollar x CME Seasonal St
CHICAGO HDD Seasonal Strip MAR	405 & 405A	H2H	20	Dollar x CME Seasonal St
CHICAGO HDD Seasonal Strip OCT	405 & 405A	H2V	20	Dollar x CME Seasonal St
CHICAGO HDD Seasonal Strip NOV	405 & 405A	H2X	20	Dollar x CME Seasonal St
CHICAGO HDD Seasonal Strip DEC	405 & 405A	H2Z	20	Dollar x CME Seasonal St
CHICAGO WK Average Temperature	424 & 424A	WH2	100	Dollar x CME Weekly Ave
CHICAGO WK Average Temperature 1	424 & 424A	H21	100	Dollar x CME Weekly Ave
CHICAGO WK Average Temperature 2	424 & 424A	H22	100	Dollar x CME Weekly Ave
CHICAGO WK Average Temperature 3	424 & 424A	H23	100	Dollar x CME Weekly Ave
CHICAGO WK Average Temperature 4	424 & 424A	H24	100	Dollar x CME Weekly Ave
CHICAGO WK Average Temperature 5	424 & 424A	H25	100	Dollar x CME Weekly Ave
CINCINNATI CDD	403 & 403A	K3	20	Dollar x CME Degree Day
CINCINNATI CDD Seasonal Strip APR	405 & 405A	K3J	20	Dollar x CME Seasonal St
CINCINNATI CDD Seasonal Strip MAY	405 & 405A	КЗК	20	Dollar x CME Seasonal St
CINCINNATI CDD Seasonal Strip JUN	405 & 405A	K3M	20	Dollar x CME Seasonal St
CINCINNATI CDD Seasonal Strip JUL	405 & 405A	K3N	20	Dollar x CME Seasonal St
CINCINNATI CDD Seasonal Strip AUG	405 & 405A	K3Q	20	Dollar x CME Seasonal St
CINCINNATI CDD Seasonal Strip SEP	405 & 405A	K3U	20	Dollar x CME Seasonal St
CINCINNATI HDD	403 & 403A	H3	20	Dollar x CME Degree Day
CINCINNATI HDD Seasonal Strip JAN	405 & 405A	H3F	20	Dollar x CME Seasonal St
CINCINNATI HDD Seasonal Strip FEB	405 & 405A	H3G	20	Dollar x CME Seasonal St
CINCINNATI HDD Seasonal Strip MAR	405 & 405A	НЗН	20	Dollar x CME Seasonal St
CINCINNATI HDD Seasonal Strip OCT	405 & 405A	H3V	20	Dollar x CME Seasonal St
CINCINNATI HDD Seasonal Strip NOV	405 & 405A	H3X	20	Dollar x CME Seasonal St
CINCINNATI HDD Seasonal Strip DEC	405 & 405A	H3Z	20	Dollar x CME Seasonal St
CINCINNATI WK Average Temperature 1	424 & 424A	H31	100	Dollar x CME Weekly Ave
CINCINNATI WK Average Temperature 2	424 & 424A	H32	100	Dollar x CME Weekly Ave
CINCINNATI WK Average Temperature 3	424 & 424A	H33	100	Dollar x CME Weekly Ave
CINCINNATI WK Average Temperature 4	424 & 424A	H34	100	Dollar x CME Weekly Ave
CINCINNATI WK Average Temperature 5	424 & 424A	H35	100	Dollar x CME Weekly Ave
COLORADO SPRINGS CDD	403 & 403A	A3	20	Dollar x CME Degree Day
COLORADO SPRINGS CDD Seasonal Strip A		A3J	20	Dollar x CME Seasonal St
COLORADO SPRINGS CDD Seasonal Strip N		A3K	20	Dollar x CME Seasonal St
COLORADO SPRINGS CDD Seasonal Strip J		A3M	20	Dollar x CME Seasonal St
COLORADO SPRINGS CDD Seasonal Strip J		A3N	20	Dollar x CME Seasonal St
COLORADO SPRINGS CDD Seasonal Strip A		A3Q	20	Dollar x CME Seasonal St
			-	

COLORADO SPRINGS CDD Seasonal Strip S	I <u>405 &amp; 405A</u>	A3U	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD	403 & 403A	V3	20	Dollar x CME Degree Day
COLORADO SPRINGS HDD Seasonal Strip J	/ <u>405 &amp; 405A</u>	V3F	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD Seasonal Strip F	1 <u>405 &amp; 405A</u>	V3G	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD Seasonal Strip N	v <u>405 &amp; 405A</u>	V3H	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD Seasonal Strip (	0 <u>405 &amp; 405A</u>	V3V	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD Seasonal Strip N	N <u>405 &amp; 405A</u>	V3X	20	Dollar x CME Seasonal St
COLORADO SPRINGS HDD Seasonal Strip [	0 <u>405 &amp; 405A</u>	V3Z	20	Dollar x CME Seasonal St
COLORADO SPRINGS WK Average Temper	z <u>424 &amp; 424A</u>	V31	100	Dollar x CME Weekly Ave
COLORADO SPRINGS WK Average Temper	z <u>424 &amp; 424A</u>	V32	100	Dollar x CME Weekly Ave
COLORADO SPRINGS WK Average Temper	z <u>424 &amp; 424A</u>	V33	100	Dollar x CME Weekly Ave
COLORADO SPRINGS WK Average Temper	2 424 & 424A	V34	100	Dollar x CME Weekly Ave
COLORADO SPRINGS WK Average Temper	2424 & 424A	V35	100	Dollar x CME Weekly Ave
DALLAS CDD	403 & 403A	K5	20	Dollar x CME Degree Day
DALLAS CDD Seasonal Strip APR	405 & 405A	K5J	20	Dollar x CME Seasonal St
DALLAS CDD Seasonal Strip MAY	405 & 405A	K5K	20	Dollar x CME Seasonal St
DALLAS CDD Seasonal Strip JUN	405 & 405A	K5M	20	Dollar x CME Seasonal St
DALLAS CDD Seasonal Strip JUL	405 & 405A	K5N	20	Dollar x CME Seasonal St
DALLAS CDD Seasonal Strip AUG	405 & 405A	K5Q	20	Dollar x CME Seasonal St
DALLAS CDD Seasonal Strip SEP	405 & 405A	K5U	20	Dollar x CME Seasonal St
DALLAS HDD	403 & 403A	H5	20	Dollar x CME Degree Day
DALLAS HDD Seasonal Strip JAN	405 & 405A	H5F	20	Dollar x CME Seasonal St
DALLAS HDD Seasonal Strip FEB	405 & 405A	H5G	20	Dollar x CME Seasonal St
DALLAS HDD Seasonal Strip MAR	405 & 405A	H5H	20	Dollar x CME Seasonal St
DALLAS HDD Seasonal Strip OCT	405 & 405A	H5V	20	Dollar x CME Seasonal St
DALLAS HDD Seasonal Strip NOV	405 & 405A	H5X	20	Dollar x CME Seasonal St
DALLAS HDD Seasonal Strip DEC	405 & 405A	H5Z	20	Dollar x CME Seasonal St
DALLAS WK Average Temperature 1	424 & 424A	H51	100	Dollar x CME Weekly Ave
DALLAS WK Average Temperature 2	424 & 424A	H52	100	Dollar x CME Weekly Ave
DALLAS WK Average Temperature 3	424 & 424A	H53	100	Dollar x CME Weekly Ave
DALLAS WK Average Temperature 4	424 & 424A	H54	100	Dollar x CME Weekly Ave
DALLAS WK Average Temperature 5	424 & 424A	H55	100	Dollar x CME Weekly Ave
DES MOINES CDD	403 & 403A	K9	20	Dollar x CME Degree Day
DES MOINES CDD Seasonal Strip APR	405 & 405A	K9J	20	Dollar x CME Seasonal St
DES MOINES CDD Seasonal Strip MAY	405 & 405A	K9K	20	Dollar x CME Seasonal St
DES MOINES CDD Seasonal Strip JUN	405 & 405A	K9M	20	Dollar x CME Seasonal St
DES MOINES CDD Seasonal Strip JUL	405 & 405A	K9N	20	Dollar x CME Seasonal Sti
DES MOINES CDD Seasonal Strip AUG	405 & 405A	K9Q	20	Dollar x CME Seasonal St
DES MOINES CDD Seasonal Strip SEP	405 & 405A 405 & 405A	K9U	20	Dollar x CME Seasonal St
DES MOINES CDD Seasonal Strip SEP	403 & 403A 403 & 403A	H9	20	Dollar x CME Degree Day
DES MOINES HDD Seasonal Strip JAN	405 & 405A 405 & 405A	H9F	20	Dollar x CME Seasonal St
•			20	Dollar x CME Seasonal St
DES MOINES HDD Seasonal Strip FEB	405 & 405A	H9G		Dollar x CME Seasonal St
DES MOINES HDD Seasonal Strip MAR	405 & 405A	H9H	20	
DES MOINES HDD Seasonal Strip OCT	405 & 405A	H9V	20	Dollar x CME Seasonal St
DES MOINES HDD Seasonal Strip NOV	405 & 405A	H9X	20	Dollar x CME Seasonal St
DES MOINES MIK Average Temperature 1	405 & 405A	H9Z	20	Dollar x CME Seasonal St
DES MOINES WK Average Temperature 1	424 & 424A	H91	100	Dollar x CME Weekly Ave

· · · ·			400	5 11 6 4 5 11 4
DES MOINES WK Average Temperature 2	424 & 424A	H92	100	Dollar x CME Weekly Ave
DES MOINES WK Average Temperature 3	424 & 424A	H93	100	Dollar x CME Weekly Ave
DES MOINES WK Average Temperature 4	424 & 424A	H94	100	Dollar x CME Weekly Ave
DES MOINES WK Average Temperature 5	424 & 424A	H95	100	Dollar x CME Weekly Ave
DETROIT CDD	403 & 403A	KK	20	Dollar x CME Degree Day
DETROIT CDD Seasonal Strip APR	405 & 405A	KKJ	20	Dollar x CME Seasonal St
DETROIT CDD Seasonal Strip MAY	405 & 405A	KKK	20	Dollar x CME Seasonal St
DETROIT CDD Seasonal Strip JUN	405 & 405A	KKM	20	Dollar x CME Seasonal St
DETROIT CDD Seasonal Strip JUL	405 & 405A	KKN	20	Dollar x CME Seasonal St
DETROIT CDD Seasonal Strip AUG	405 & 405A	KKQ	20	Dollar x CME Seasonal St
DETROIT CDD Seasonal Strip SEP	405 & 405A	KKU	20	Dollar x CME Seasonal St
DETROIT HDD	403 & 403A	HK	20	Dollar x CME Degree Day
DETROIT HDD Seasonal Strip JAN	405 & 405A	HKF	20	Dollar x CME Seasonal St
DETROIT HDD Seasonal Strip FEB	405 & 405A	HKG	20	Dollar x CME Seasonal St
DETROIT HDD Seasonal Strip MAR	405 & 405A	НКН	20	Dollar x CME Seasonal St
DETROIT HDD Seasonal Strip OCT	405 & 405A	HKV	20	Dollar x CME Seasonal St
DETROIT HDD Seasonal Strip NOV	405 & 405A	HKX	20	Dollar x CME Seasonal St
DETROIT HDD Seasonal Strip DEC	405 & 405A	HKZ	20	Dollar x CME Seasonal St
DETROIT WK Average Temperature 1	424 & 424A	HK1	100	Dollar x CME Weekly Ave
DETROIT WK Average Temperature 2	424 & 424A	HK2	100	Dollar x CME Weekly Ave
DETROIT WK Average Temperature 3	424 & 424A	HK3	100	Dollar x CME Weekly Ave
DETROIT WK Average Temperature 4	<u>424 &amp; 424A</u>	HK4	100	Dollar x CME Weekly Ave
DETROIT WK Average Temperature 5	<u>424 &amp; 424A</u>	HK5	100	Dollar x CME Weekly Ave
EDMONTON CAT	425 & 425A	V4	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip APR	426 & 426A	V4J	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip MAY	426 & 426A	V4K	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip JUN	426 & 426A	V4M	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip JUL	426 & 426A	V4N	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip AUG	426 & 426A	V4Q	20	Canadian Dollars x CME (
EDMONTON CAT Seasonal Strip SEP	426 & 426A	V4U	20	Canadian Dollars x CME (
EDMONTON CDD	421 & 421A	P4	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip APR	422 & 422A	P4J	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip MAY	422 & 422A	P4K	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip JUN	422 & 422A	P4M	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip JUL	422 & 422A	P4N	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip AUG	422 & 422A	P4Q	20	Canadian Dollars x CME (
EDMONTON CDD Seasonal Strip SEP	422 & 422A	P4U	20	Canadian Dollars x CME (
EDMONTON HDD	421 & 421A	A4	20	Canadian Dollars x CME (
EDMONTON HDD Seasonal Strip JAN	422 & 422A	A4F	20	Canadian Dollars x CME
EDMONTON HDD Seasonal Strip FEB	422 & 422A	A4G	20	Canadian Dollars x CME
EDMONTON HDD Seasonal Strip MAR	422 & 422A	A4H	20	Canadian Dollars x CME
EDMONTON HDD Seasonal Strip OCT	422 & 422A	A4V	20	Canadian Dollars x CME (
EDMONTON HDD Seasonal Strip NOV	422 & 422A	A4X	20	Canadian Dollars x CME (
EDMONTON HDD Seasonal Strip DEC	422 & 422A	A4Z	20	Canadian Dollars x CME (
ESSEN CAT	408 & 408A	G4	20	Euros x CME European C/
ESSEN CAT Seasonal Strip APR	409 & 409A	G4J	20	Euros x CME Seasonal Str
•				

ESSEN CAT Seasonal Strip MAY	409 & 409A	G4K	20	Euros x CME Seasonal Str
ESSEN CAT Seasonal Strip JUN	409 & 409A	G4M	20	Euros x CME Seasonal Str
ESSEN CAT Seasonal Strip JUL	409 & 409A	G4N	20	Euros x CME Seasonal Str
ESSEN CAT Seasonal Strip AUG	409 & 409A	G4Q	20	Euros x CME Seasonal Str
ESSEN CAT Seasonal Strip SEP	409 & 409A	G4U	20	Euros x CME Seasonal Str
ESSEN HDD	406 & 406A	D4	20	Euros x CME European H
ESSEN HDD Seasonal Strip JAN	407 & 407A	D4F	20	Euros x CME European Se
ESSEN HDD Seasonal Strip FEB	407 & 407A	D4G	20	Euros x CME European Se
ESSEN HDD Seasonal Strip MAR	407 & 407A	D4H	20	Euros x CME European Se
ESSEN HDD Seasonal Strip OCT	407 & 407A	D4V	20	Euros x CME European Se
ESSEN HDD Seasonal Strip NOV	407 & 407A 407 & 407A	D4V D4X	20	Euros x CME European Se
•	407 & 407A	D4X D4Z	20	·
ESSEN HDD Seasonal Strip DEC		HJ		Euros x CME European Se
HIROSHIMA CAT IAN	411 & 411A		2,500	Japanese Yen x CME Paci
HIROSHIMA CAT JAN	411 & 411A	HJF	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT FEB	411 & 411A	HJG	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT MAR	411 & 411A	НЈН	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT APR	<u>411 &amp; 411A</u>	HIJ	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT MAY	411 & 411A	HJK	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT JUN	<u>411 &amp; 411A</u>	HJM	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT JUL	<u>411 &amp; 411A</u>	HJN	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT AUG	411 & 411A	HJQ	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT SEP	411 & 411A	HJU	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT OCT	411 & 411A	HJV	2,500	Japanese Yen x CME Paci
HIROSHIMA CAT NOV	411 & 411A	HJX	2,500	Japanese Yen x CME Paci <sup>-</sup>
HIROSHIMA CAT DEC	411 & 411A	HJZ	2,500	Japanese Yen x CME Paci <sup>-</sup>
HOUSTON CDD	403 & 403A	KR	20	Dollar x CME Degree Day
HOUSTON CDD Seasonal Strip APR	405 & 405A	KRJ	20	Dollar x CME Seasonal St
HOUSTON CDD Seasonal Strip MAY	405 & 405A	KRK	20	Dollar x CME Seasonal St
HOUSTON CDD Seasonal Strip JUN	405 & 405A	KRM	20	Dollar x CME Seasonal St
HOUSTON CDD Seasonal Strip JUL	405 & 405A	KRN	20	Dollar x CME Seasonal St
HOUSTON CDD Seasonal Strip AUG	405 & 405A	KRQ	20	Dollar x CME Seasonal St
HOUSTON CDD Seasonal Strip SEP	405 & 405A	KRU	20	Dollar x CME Seasonal St
HOUSTON HDD	403 & 403A	HR	20	Dollar x CME Degree Day
HOUSTON HDD Seasonal Strip JAN	405 & 405A	HRF	20	Dollar x CME Seasonal St
HOUSTON HDD Seasonal Strip FEB	405 & 405A	HRG	20	Dollar x CME Seasonal St
HOUSTON HDD Seasonal Strip MAR	405 & 405A	HRH	20	Dollar x CME Seasonal St
HOUSTON HDD Seasonal Strip OCT	405 & 405A	HRV	20	Dollar x CME Seasonal St
•		HRX	20	Dollar x CME Seasonal St
HOUSTON HDD Seasonal Strip NOV	405 & 405A			Dollar x CME Seasonal St
HOUSTON HDD Seasonal Strip DEC	405 & 405A	HRZ	20	
HOUSTON WK Average Temperature 1	424 & 424A	HR1	100	Dollar x CME Weekly Ave
HOUSTON WK Average Temperature 2	424 & 424A	HR2	100	Dollar x CME Weekly Ave
HOUSTON WK Average Temperature 3	424 & 424A	HR3	100	Dollar x CME Weekly Ave
HOUSTON WK Average Temperature 4	424 & 424A	HR4	100	Dollar x CME Weekly Ave
HOUSTON WK Average Temperature 5	424 & 424A	HR5	100	Dollar x CME Weekly Ave
JACKSONVILLE CDD	403 & 403A	A0	20	Dollar x CME Degree Day
JACKSONVILLE CDD Seasonal Strip APR	405 & 405A	AOJ	20	Dollar x CME Seasonal St
JACKSONVILLE CDD Seasonal Strip MAY	405 & 405A	AOK	20	Dollar x CME Seasonal St

JACKSONVILLE CDD Seasonal Strip JUN	405 & 405A	A0M	20	Dollar x CME Seasonal St
JACKSONVILLE CDD Seasonal Strip JUL	405 & 405A	AON	20	Dollar x CME Seasonal St
JACKSONVILLE CDD Seasonal Strip AUG	405 & 405A	A0Q	20	Dollar x CME Seasonal St
JACKSONVILLE CDD Seasonal Strip SEP	405 & 405A	A0U	20	Dollar x CME Seasonal St
JACKSONVILLE HDD	403 & 403A	VF	20	Dollar x CME Degree Day
JACKSONVILLE HDD Seasonal Strip JAN	405 & 405A	VFF	20	Dollar x CME Seasonal St
JACKSONVILLE HDD Seasonal Strip FEB	405 & 405A	VFG	20	Dollar x CME Seasonal St
JACKSONVILLE HDD Seasonal Strip MAR	405 & 405A	VFH	20	Dollar x CME Seasonal St
JACKSONVILLE HDD Seasonal Strip OCT	405 & 405A	VFV	20	Dollar x CME Seasonal St
JACKSONVILLE HDD Seasonal Strip NOV	405 & 405A	VFX	20	Dollar x CME Seasonal St
JACKSONVILLE HDD Seasonal Strip DEC	405 & 405A	VFZ	20	Dollar x CME Seasonal St
JACKSONVILLE WK Average Temperature	1 <u>424 &amp; 424A</u>	VF1	100	Dollar x CME Weekly Ave
JACKSONVILLE WK Average Temperature	2424 & 424A	VF2	100	Dollar x CME Weekly Ave
JACKSONVILLE WK Average Temperature	3 <u>424 &amp; 424A</u>	VF3	100	Dollar x CME Weekly Ave
JACKSONVILLE WK Average Temperature	4424 & 424A	VF4	100	Dollar x CME Weekly Ave
JACKSONVILLE WK Average Temperature	5424 & 424A	VF5	100	Dollar x CME Weekly Ave
KANSAS CITY CDD	403 & 403A	KX	20	Dollar x CME Degree Day
KANSAS CITY CDD Seasonal Strip APR	405 & 405A	KXJ	20	Dollar x CME Seasonal St
KANSAS CITY CDD Seasonal Strip MAY	405 & 405A	KXK	20	Dollar x CME Seasonal St
KANSAS CITY CDD Seasonal Strip JUN	405 & 405A	KXM	20	Dollar x CME Seasonal St
KANSAS CITY CDD Seasonal Strip JUL	405 & 405A	KXN	20	Dollar x CME Seasonal St
KANSAS CITY CDD Seasonal Strip AUG	405 & 405A	KXQ	20	Dollar x CME Seasonal St
KANSAS CITY CDD Seasonal Strip SEP	405 & 405A	KXU	20	Dollar x CME Seasonal St
KANSAS CITY HDD	403 & 403A	НХ	20	Dollar x CME Degree Day
KANSAS CITY HDD Seasonal Strip JAN	405 & 405A	HXF	20	Dollar x CME Seasonal St
KANSAS CITY HDD Seasonal Strip FEB	405 & 405A	HXG	20	Dollar x CME Seasonal St
KANSAS CITY HDD Seasonal Strip MAR	405 & 405A	нхн	20	Dollar x CME Seasonal St
KANSAS CITY HDD Seasonal Strip OCT	405 & 405A	HXV	20	Dollar x CME Seasonal St
KANSAS CITY HDD Seasonal Strip NOV	405 & 405A	HXX	20	Dollar x CME Seasonal St
KANSAS CITY HDD Seasonal Strip DEC	405 & 405A	HXZ	20	Dollar x CME Seasonal St
KANSAS CITY WK Average Temperature 1	· ·	KX1	100	Dollar x CME Weekly Ave
KANSAS CITY WK Average Temperature 2		KX2	100	Dollar x CME Weekly Ave
KANSAS CITY WK Average Temperature 3		KX3	100	Dollar x CME Weekly Ave
KANSAS CITY WK Average Temperature 4		KX4	100	Dollar x CME Weekly Ave
KANSAS CITY WK Average Temperature 5		KX5	100	Dollar x CME Weekly Ave
LAS VEGAS CDD	403 & 403A	K0	20	Dollar x CME Degree Day
LAS VEGAS CDD Seasonal Strip APR	405 & 405A	КОЈ	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip MAY	405 & 405A	KOK	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip JUN	405 & 405A	KOM	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip JUL	405 & 405A	KON	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip AUG	405 & 405A	KOQ	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip SEP	405 & 405A	KOU	20	Dollar x CME Seasonal St
LAS VEGAS CDD Seasonal Strip SEI	403 & 403A	H0	20	Dollar x CME Degree Day
LAS VEGAS HDD Seasonal Strip JAN	405 & 405A	H0F	20	Dollar x CME Seasonal St
LAS VEGAS HDD Seasonal Strip FEB	405 & 405A 405 & 405A	H0G	20	Dollar x CME Seasonal St
LAS VEGAS HDD Seasonal Strip FEB	405 & 405A 405 & 405A	H0H	20	Dollar x CME Seasonal St
LAS VEGAS HDD Seasonal Strip MAK	405 & 405A 405 & 405A	H0V	20	Dollar x CME Seasonal St
2.13 VEG/13 FIDD Seasonal Strip Get	100 Q 400A	. 10 v	20	Donal A Civil Scasonal St

LAS VEGAS HDD Seasonal Strip DEC  405. & 405A  H0Z  20  Dollar x CME Seasonal Stri LLAS VEGAS WK Average Temperature 1  424. & 424A  H01  100  Dollar x CME Weekly Ave LAS VEGAS WK Average Temperature 2  424. & 424A  H02  LOS VEGAS WK Average Temperature 3  LAS VEGAS WK Average Temperature 4  LAS VEGAS WK Average Temperature 4  LAS VEGAS WK Average Temperature 5  LAS VEGAS WK Average Temperature 5  LAS VEGAS WK Average Temperature 5  LAS VEGAS WK Average Temperature 6  LAS VEGAS WK Average Temperature 7  LAS VEGAS WK Average Temperature 7  LAS VEGAS WK Average Temperature 7  LAS VEGAS WK Average Temperature 8  LAS VEGAS WK Average Temperature 9  LITTLE ROCK CDD Seasonal Strip AVR  LOS LAS VEGAS WK Average Temperature 9  LITTLE ROCK CDD Seasonal Strip AVR  LOS LAS VEGAS WK Average Temperature 1  LITTLE ROCK CDD Seasonal Strip JUN  LOS LAS LOSA  LITTLE ROCK CDD Seasonal Strip JUN  LOS LAS LOSA  LITTLE ROCK CDD Seasonal Strip AVR  LOS LAS LOSA  LITTLE ROCK CDD Seasonal Strip AVR  LOS LAS LOSA  LITTLE ROCK HDD Seasonal Strip AVR  LOS LAS LOSA  LITTLE ROCK HDD Seasonal Strip FIRP  LOS LAS LOSA  LITTLE ROCK HDD Seasonal Strip FIRP  LOS LAS LOSA  LITTLE ROCK HDD Seasonal Strip FIRP  LOS LAS LOSA  LITTLE ROCK HDD Seasonal Strip DCC  LITTLE ROCK WK Average Temperature 1  LOS LAS LOSA  LITTLE ROCK WK Average Temperature 2  LOS LAS LOSA  LOS LOS LOSA  LOS					
LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 6 LAS VEGAS WK Average Temperature 7 LAS VEGAS WK Average Temperature 8 LAS VEGAS WK Average Temperature 8 LAS VEGAS WK Average Temperature 9 LITTLE ROCK CDD Seasonal Strip PMP LITTLE ROCK CDD Seasonal Strip PMP LITTLE ROCK CDD Seasonal Strip PMP LITTLE ROCK CDD Seasonal Strip DUN LITTLE ROCK CDD Seasonal Strip JUN LITTLE ROCK CDD Seasonal Strip JUN LITTLE ROCK CDD Seasonal Strip JUN LITTLE ROCK CDD Seasonal Strip DUN LITTLE ROCK CDD Seasonal Strip DUN LITTLE ROCK CDD Seasonal Strip DUN LITTLE ROCK HDD LITTLE LITTLE ROCK HDD LITTLE LITTLE LITTLE LITTLE	LAS VEGAS HDD Seasonal Strip NOV	405 & 405A	H0X	20	Dollar x CME Seasonal St
LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 6 LAS VEGAS WK Average Temperature 7 LAS VEGAS WK Average Temperature 8 LAS VEGAS WK Average Temperature 9 LAS VEGAS WK Average Temperature 9 LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 6 LONDON HDD Seasonal Strip DKD LONDON CAT Seasonal Strip DKD L	LAS VEGAS HDD Seasonal Strip DEC	405 & 405A	H0Z	20	Dollar x CME Seasonal St
LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 6 LAS VEGAS WK Average Temperature 7 LAS VEGAS WK Average Temperature 8 LAS VEGAS WK Average Temperature 9 LAS VEGAS WK Average Temperature 9 LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 1 LAS VEGAS WK Average Temperature 2 LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LAS VEGAS WK Average Temperature 5 LONDON HDD Seasonal Strip DRO VEGAS WA VEGAS W	LAS VEGAS WK Average Temperature 1	424 & 424A	H01	100	Dollar x CME Weekly Ave
LAS VEGAS WK Average Temperature 3 LAS VEGAS WK Average Temperature 4 LAS VEGAS WK Average Temperature 5 LITTLE ROCK CDD LITTLE ROCK CDD LITTLE ROCK CDD Seasonal Strip APR LITTLE ROCK CDD Seasonal Strip APR LITTLE ROCK CDD Seasonal Strip MAY LITTLE ROCK CDD Seasonal Strip JUN LITTLE ROCK CDD Seasonal Strip JUL LITTLE ROCK CDD Seasonal Strip AUG LITTLE ROCK CDD Seasonal Strip SEP LITTLE ROCK HDD Seasonal Strip FEB LITTLE ROCK HDD Seasonal Strip AUG LITTLE ROCK HDD Seasonal Strip DCC LITTLE ROCK HDD Seasonal Strip DAR LITTLE ROCK HDD Seasonal Strip DCC LITTLE ROCK WK Average Temperature 1 LITTLE ROCK WK Average Temperature 2 LITTLE ROCK WK Average Temperature 3 LITTLE ROCK WK Average Temperature 4 LAS AUGA LITTLE ROCK WK Average Temperature 5 LITTLE ROCK WK Average Temperature 5 LAS AUGA LITTLE ROCK WK Average Temperature 5 LONDON HDD Seasonal Strip DAM LOND Seaso	LAS VEGAS WK Average Temperature 2	424 & 424A	H02	100	Dollar x CME Weekly Ave
LAS VEGAS WK Average Temperature 4  424 & 424A  H04  100  Dollar x CME Weekly Ave LAS VEGAS WK Average Temperature 5  423 & 424A  H05  100  Dollar x CME Weekly Ave 403 & 403A  AT  20  Dollar x CME Weekly Ave 403 & 403A  AT  20  Dollar x CME Seasonal Str Dollar x CME Seasonal Str Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip APR 405 & 405A  ATK 20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A  ATK 20  Dollar x CME Seasonal Str Dollar x CME Seasonal Str Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUL 405 & 405A  ATN 20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUL 405 & 405A  ATN 20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip APR 405 & 405A  ATQ 20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JAN 405 & 405A  ATQ 20  Dollar x CME Seasonal Str LITTLE ROCK HDD 403 & 403A  VG 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip JAN 405 & 405A  VGF 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DAN 405 & 405A  VGF 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DAN 405 & 405A  VGF 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DAN 405 & 405A  VGF 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCT 405 & 405A  VGV 20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCT 405 & 405A  VGV 20  Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 1 424 & 424A  VG1  LITTLE ROCK WK Average Temperature 2  LITTLE ROCK WK Average Temperature 3  424 & 424A  VG2  DOLLAR X CME Seasonal Str LITTLE ROCK WK Average Temperature 3  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG2  DOLLAR X CME Seasonal Str LITTLE ROCK WK Average Temperature 4  424 & 424A  VG2  DOLLAR X CME Seasonal Str LITTLE ROCK WK Average Temperature 5  LONDON HDD Seasonal Strip DCT  405 & 405A  405 & 405A  DOLLAR X CME Weekly Ave  LONDON HDD Seasonal Strip DCT  406 & 405A  407 & 407A  DOLLAR X CME Weekly Ave  LONDON HDD Seasonal Strip DCT  407 & 407A  408 & 409A  DOLLAR X CME Weekly AVE  LOND					•
LAS VEGAS WK Average Temperature 5  424 & 424A  H05  H05  H05  H05  H05  H05  H05  H0					•
LITTLE ROCK CDD         403 & 403A         AT         20         Dollar x CME Degree Day           LITTLE ROCK CDD Seasonal Strip APR         405 & 405A         ATI         20         Dollar x CME Seasonal St           LITTLE ROCK CDD Seasonal Strip JUN         405 & 405A         ATM         20         Dollar x CME Seasonal St           LITTLE ROCK CDD Seasonal Strip JUN         405 & 405A         ATM         20         Dollar x CME Seasonal St           LITTLE ROCK CDD Seasonal Strip JUN         405 & 405A         ATO         20         Dollar x CME Seasonal St           LITTLE ROCK CDD Seasonal Strip DAU         405 & 405A         ATU         20         Dollar x CME Seasonal St           LITTLE ROCK HDD Seasonal Strip DAN         405 & 405A         ATU         20         Dollar x CME Seasonal St           LITTLE ROCK HDD Seasonal Strip MAR         405 & 405A         VGF         20         Dollar x CME Seasonal St           LITTLE ROCK HDD Seasonal Strip DCT         405 & 405A         VGH         20         Dollar x CME Seasonal St           LITTLE ROCK HDD Seasonal Strip DCT         405 & 405A         VGV         20         Dollar x CME Seasonal St           LITTLE ROCK HDD Seasonal Strip DCT         405 & 405A         VGX         20         Dollar x CME Seasonal St           LITTLE ROCK WA KAVerage Temperature 1					•
LITTLE ROCK CDD Seasonal Strip APR 405 & 405A ATK 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A ATK 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A ATM 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A ATN 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A ATN 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUN 405 & 405A ATN 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip DAUG 405 & 405A ATU 20 Dollar x CME Seasonal Str LITTLE ROCK HDD 403 & 403A VG 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip JAN 405 & 405A LITTLE ROCK HDD Seasonal Strip JAN 405 & 405A LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGF 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGG 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGV 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGV 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGV 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGV 20 Dollar x CME Seasonal St LITTLE ROCK HDD Seasonal Strip DAV 405 & 405A VGV 20 Dollar x CME Seasonal St LITTLE ROCK WG Average Temperature 1 424 & 424A VGC 20 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 2 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 3 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 4 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 5 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 5 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 6 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 7 424 & 424A VGC 100 Dollar x CME Weekly Ave LITTLE ROCK WG Average Temperature 8 424 & 424A VGC 100 Dollar x CME Seasonal Strip JAN 407 & 407A DOC Pounds					•
LITTLE ROCK CDD Seasonal Strip JUN  405 & 405A  ATK  20  Dollar x CME Seasonal St  LITTLE ROCK CDD Seasonal Strip JUN  405 & 405A  ATN  20  Dollar x CME Seasonal St  LITTLE ROCK CDD Seasonal Strip JUL  405 & 405A  ATN  20  Dollar x CME Seasonal St  LITTLE ROCK CDD Seasonal Strip JUB  405 & 405A  ATV  20  Dollar x CME Seasonal St  LITTLE ROCK CDD Seasonal Strip SEP  405 & 405A  ATU  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip JAN  405 & 405A  ATU  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip JAN  405 & 405A  VGF  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip FEB  405 & 405A  VGF  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGF  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip DCT  405 & 405A  VGF  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip DCT  405 & 405A  VGW  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip DEC  405 & 405A  VGV  20  Dollar x CME Seasonal St  LITTLE ROCK HDD Seasonal Strip DCC  405 & 405A  VGZ  20  Dollar x CME Seasonal St  LITTLE ROCK WK Average Temperature 1  424 & 424A  VG1  Dollar x CME Seasonal St  LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  LITTLE ROCK WK Average Temperature 3  424 & 424A  VG3  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG3  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG2  LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DPC  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DPC  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DPC  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DPC  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip DPC  409 & 409A  GOV  Pounds Sterling x CME					•
LITTLE ROCK CDD Seasonal Strip JUN  405 & 405A  ATM  20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip JUL  405 & 405A  ATN  20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip AUG  LITTLE ROCK CDD Seasonal Strip SEP  405 & 405A  ATU  20  Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip SEP  405 & 405A  ATU  20  Dollar x CME Seasonal Str LITTLE ROCK HDD  403 & 403A  VG  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip JAN  405 & 405A  VGF  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGF  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGF  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGF  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip NOV  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK WID Seasonal Strip DEC  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK WID Seasonal Strip DEC  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK WIX Average Temperature 1  424 & 424A  VG1  100  Dollar x CME Weekly Ave  LITTLE ROCK WIX Average Temperature 2  424 & 424A  VG2  LITTLE ROCK WIX Average Temperature 4  424 & 424A  VG3  DOLLAR X CME Weekly Ave  LITTLE ROCK WIX Average Temperature 5  424 & 424A  VG3  DOLLAR X CME Weekly Ave  LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip FBB  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCT  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCT  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCT  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCT  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip DUN  409 & 409A  GOU  20  Pounds Sterling x CME SE  LONDON CAT Seasona					
LITTLE ROCK CDD Seasonal Strip JUL 405 & 405A ATN 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip AUG 405 & 405A ATQ 20 Dollar x CME Seasonal Str LITTLE ROCK CDD Seasonal Strip SEP 405 & 405A ATU 20 Dollar x CME Seasonal Str LITTLE ROCK HDD 403 & 403A VG 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip JAN 405 & 405A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip FEB 405 & 405A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR 405 & 405A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR 405 & 405A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC 405 & 405A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC 405 & 405A VGV 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC 405 & 405A VGX 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC 405 & 405A VGX 20 Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 1 424 & 424A VG1 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 2 424 & 424A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG3 100 Dollar x CME Weekly Ave LONDON HDD 406 & 406A D0 Dollar x CME Weekly Ave LONDON HDD Seasonal Strip JAN 407 & 407A D0F 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip FMA 407 & 407A D0F 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A D0F 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A D0F 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A D0F 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A D0C 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A D0C 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAP 409 & 409A G0V 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAP 409 & 409A G0V 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAP 409 & 409A G0V 20 Pounds Sterling x CME SE LONDON CAT Seasonal	•				
LITTLE ROCK CDD Seasonal Strip AUG 405 & 405 A ATQ 20 Dollar x CME Seasonal St LITTLE ROCK CDD Seasonal Strip SEP 405 & 405 A ATU 20 Dollar x CME Seasonal St LITTLE ROCK HDD 403 & 403 A VG 20 Dollar x CME Degree Day LITTLE ROCK HDD Seasonal Strip JAN 405 & 405 A VGF 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip FEB 405 & 405 A VGF 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip MAR 405 & 405 A VGF 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip MAR 405 & 405 A VGH 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip DCT 405 & 405 A VGV 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip DCC 405 & 405 A VGV 20 Dollar x CME Seasonal Strip LITTLE ROCK HDD Seasonal Strip DCC 405 & 405 A VGV 20 Dollar x CME Seasonal Strip LITTLE ROCK WAS Average Temperature 1 424 & 424 A VG2 20 Dollar x CME Seasonal Strip LITTLE ROCK WK Average Temperature 2 424 & 424 A VG2 20 Dollar x CME Seasonal Strip LITTLE ROCK WK Average Temperature 3 424 & 424 A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424 A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 6 424 & 424 A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 7 406 & 406 A DD 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DAM 407 & 407 A DDF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip FEB 407 & 407 A DDF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DAM 407 & 407 A DDF 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAM 409 & 409 A GDA 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAM 409 & 409 A GDA 20 Pounds Sterlin	•				
LITTLE ROCK CDD Seasonal Strip SEP  405 & 405A  403 & 403A  VG  20  Dollar x CME Degree Day LITTLE ROCK HDD  403 & 403A  VGF  20  Dollar x CME Degree Day LITTLE ROCK HDD Seasonal Strip JAN  405 & 405A  VGF  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip FEB  405 & 405A  VGG  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGG  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR  405 & 405A  VGH  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DOT  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DOT  405 & 405A  VGV  20  Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DEC  405 & 405A  VGZ  20  Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 1  424 & 424A  VG1  100  Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3  424 & 424A  VG3  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4  424 & 424A  VG3  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG3  100  Dollar x CME Weekly Ave LONDON HDD  406 & 406A  DO  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC  407 & 407A  DOV  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC  407 & 407A  DOV  20  Pounds Sterling x CME EL LONDON CAT Seasonal Strip DEC  407 & 407A  DOV  20  Pounds Sterling x CME EL LONDON CAT Seasonal Strip APR  409 & 409A  GOV  20  Pounds Sterling x CME SE LONDON CAT Seasonal Strip APR  409 & 409A  GOV  20  Pounds Sterling x CME SE LONDON CAT Seasonal Strip JUN  409 & 409A  GOV  20  Pounds Sterling x CME SE LONDON CAT Seasonal Strip APR  409 & 409A  GOV  20  Pounds Sterling x CME SE LONDON CAT Seasonal Strip APR  409 & 409A  GOV  20  Pounds Sterling x CME SE LONDON CAT Seasonal Strip APR  409 & 409A  GOV  20  Pounds Ste	•				
LITTLE ROCK HDD  403 & 403 & 405 & 405 & VG  20  Dollar x CME Degree Day LITTLE ROCK HDD Seasonal Strip JAN  405 & 405 & 405 A  VGG  20  Dollar x CME Seasonal Stri LITTLE ROCK HDD Seasonal Strip FEB  405 & 405 A  VGG  20  Dollar x CME Seasonal Stri LITTLE ROCK HDD Seasonal Strip MAR  405 & 405 A  VGG  20  Dollar x CME Seasonal Stri LITTLE ROCK HDD Seasonal Strip DCT  405 & 405 A  VGV  20  Dollar x CME Seasonal Stri LITTLE ROCK HDD Seasonal Strip NOV  405 & 405 A  VGV  20  Dollar x CME Seasonal Stri LITTLE ROCK HDD Seasonal Strip DCC  405 & 405 A  VGX  20  Dollar x CME Seasonal Stri LITTLE ROCK WBD Seasonal Strip DEC  405 & 405 A  406 A  407 A  4	LITTLE ROCK CDD Seasonal Strip AUG	<u>405 &amp; 405A</u>	ATQ	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip JAN 405 & 405 A VGF 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip FEB 405 & 405 A VGG 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR 405 & 405 A VGH 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR 405 & 405 A VGW 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip NOV 405 & 405 A VGW 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DCC 405 & 405 A VGW 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DEC 405 & 405 A VGW 20 Dollar x CME Seasonal Str LITTLE ROCK WLD Seasonal Strip DEC 405 & 405 A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK WLD Seasonal Strip DEC 405 & 405 A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK WLD Seasonal Strip DEC 405 & 405 A VGZ 20 Dollar x CME Weekly Ave LITTLE ROCK WLD Seasonal Strip Seasonal Strip LITTLE ROCK WLD Seasonal Strip Seasonal Strip LITTLE ROCK WLD Seasonal Strip DDD 406 & 406 A DO 20 Pounds Steriling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407 A DOF 20 Pounds Steriling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407 A DOF 20 Pounds Steriling x CME EL LONDON HDD Seasonal Strip DCC 407 & 407 A DOW 20 Pounds Steriling x CME EL LONDON HDD Seasonal Strip DCC 407 & 407 A DOW 20 Pounds Steriling x CME EL LONDON CAT Seasonal Strip DCC 407 & 407 A DOW 20 Pounds Steriling x CME EL LONDON CAT Seasonal Strip DCD 408 & 409 A GOW 20 Pounds Steriling x CME EL LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME Se LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME Se LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME Se LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME Se LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME Se LONDON CAT Seasonal Strip DUD 409 & 409 A GOW 20 Pounds Steriling x CME	LITTLE ROCK CDD Seasonal Strip SEP	405 & 405A	ATU	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip FEB LITTLE ROCK HDD Seasonal Strip MAR 405 & 405A VGH 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip MAR 405 & 405A VGV 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip NOV 405 & 405A VGV 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip NOV 405 & 405A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DEC 405 & 405A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 1 424 & 424A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 2 424 & 424A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3 LITTLE ROCK WK Average Temperature 4 424 & 424A VG2 LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 6 LONDON HDD Seasonal Strip ANA 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCC 407 & 407A DOV 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip ANA 409 & 409A GOV 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip ANA 409 & 409A GOV 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUL 409 & 409A GOV 20 Pounds Sterling x CME Se LONDON CAT S	LITTLE ROCK HDD	403 & 403A	VG	20	Dollar x CME Degree Day
LITTLE ROCK HDD Seasonal Strip MAR  LITTLE ROCK HDD Seasonal Strip OCT  405 & 405A  VGV  20  Dollar x CME Seasonal Stri  LITTLE ROCK HDD Seasonal Strip NOV  405 & 405A  VGX  20  Dollar x CME Seasonal Stri  LITTLE ROCK HDD Seasonal Strip DEC  405 & 405A  VGZ  20  Dollar x CME Seasonal Stri  LITTLE ROCK WK DE Seasonal Strip DEC  405 & 405A  VGZ  20  Dollar x CME Seasonal Stri  LITTLE ROCK WK Average Temperature 1  424 & 424A  VG1  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  LITTLE ROCK WK Average Temperature 3  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 6  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 7  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 8  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG2  DOLLAR X ME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 9  424 & 424A  VG5  100  Dollar x CME Veekly Ave  LITL	LITTLE ROCK HDD Seasonal Strip JAN	405 & 405A	VGF	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip OCT  LITTLE ROCK HDD Seasonal Strip NOV  405 & 405A  VGX  20  Dollar x CME Seasonal Stri  LITTLE ROCK HDD Seasonal Strip DEC  405 & 405A  VGZ  20  Dollar x CME Seasonal Stri  LITTLE ROCK WK Average Temperature 1  424 & 424A  VG1  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  LITTLE ROCK WK Average Temperature 3  424 & 424A  VG2  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  LONDON HDD Seasonal Strip JAN  406 & 406A  DO  DOllar x CME Weekly Ave  LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCC  407 & 407A  DOW  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOW  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BCP  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BCP  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  409 & 409A  409 & 409A  409 & 409A	LITTLE ROCK HDD Seasonal Strip FEB	405 & 405A	VGG	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip OCT  LITTLE ROCK HDD Seasonal Strip NOV  405 & 405A  VGX  20  Dollar x CME Seasonal Stri  LITTLE ROCK HDD Seasonal Strip DEC  405 & 405A  VGZ  20  Dollar x CME Seasonal Stri  LITTLE ROCK WK Average Temperature 1  424 & 424A  VG1  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  LITTLE ROCK WK Average Temperature 3  424 & 424A  VG2  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 5  424 & 424A  VG3  100  Dollar x CME Weekly Ave  LITTLE ROCK WK Average Temperature 4  LONDON HDD Seasonal Strip JAN  406 & 406A  DO  DOllar x CME Weekly Ave  LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DCC  407 & 407A  DOW  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOW  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BCP  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BCP  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  409 & 409A  GOM  20  Pounds Sterling x CME SE  LONDON CAT Seasonal Strip BAPR  409 & 409A  409 & 409A  409 & 409A  409 & 409A	LITTLE ROCK HDD Seasonal Strip MAR	405 & 405A	VGH	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip NOV 405 & 405A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK HDD Seasonal Strip DEC 405 & 405A VGZ 20 Dollar x CME Seasonal Str LITTLE ROCK WK Average Temperature 1 424 & 424A VG1 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 2 424 & 424A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LONDON HDD Seasonal Strip JAN 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOH 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A DOW 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip NOV 407 & 407A DOW 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DEC 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip APR 409 & 409A GOX 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Seasonal Strip DAR 409 & 409A GOX 20 Pounds Sterling x CME SE LONDON CAT Sea	·		VGV	20	Dollar x CME Seasonal St
LITTLE ROCK HDD Seasonal Strip DEC LITTLE ROCK WK Average Temperature 1 LITTLE ROCK WK Average Temperature 2 LITTLE ROCK WK Average Temperature 2 LITTLE ROCK WK Average Temperature 2 LITTLE ROCK WK Average Temperature 3 LITTLE ROCK WK Average Temperature 3 LITTLE ROCK WK Average Temperature 3 LITTLE ROCK WK Average Temperature 4 LITTLE ROCK WK Average Temperature 5 LONDON HDD LITTLE ROCK WK Average Temperature 5 LONDON HDD LOIlar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 LONDON HDD LOIlar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 LONDON HDD LOIlar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 LONDON HDD LOIlar x CME Weekly Ave LONDON HDD LONDON Sterling x CME EL LONDON HDD LONDON LOT LOIL LOIL LOIL LOIL LOIL LOIL LOIL	·				
LITTLE ROCK WK Average Temperature 1 424 & 424A VG1 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 2 424 & 424A VG2 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Seasonal Strip AVG 100 Dollar x CME Seasonal Strip AVG 100 Dollar x CME Seasonal Strip AVG 100 Reasonal Strip AVG	·				
LITTLE ROCK WK Average Temperature 2  424 & 424A  VG2  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 3  424 & 424A  VG3  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4  424 & 424A  VG4  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  424 & 424A  VG5  100  Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5  407 & 407A  DOF  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip FEB  407 & 407A  DOF  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR  407 & 407A  DOV  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip DOV  407 & 407A  DOX  20  Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC  407 & 407A  DOX  20  Pounds Sterling x CME EL LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL LONDON CAT Seasonal Strip APR  409 & 409A  GOK  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 & 409A  GOM  20  Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR  409 &	·				
LITTLE ROCK WK Average Temperature 3 424 & 424A VG3 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 4 424 & 424A VG4 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LONDON HDD 406 & 406A DO 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip JAN 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip FEB 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOH 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOH 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip OCT 407 & 407A DOV 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip NOV 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON CAT 408 & 408A GO 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip APR 409 & 409A GOJ 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip MAY 409 & 409A GOJ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUN 409 & 409A GOK 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUL 409 & 409A GOW 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOW 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUR 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUR 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUR 405 & 405A AHJ 20 Dollar x CME Degree Day LOS ANGELES CDD Seasonal Strip APR 405 & 405A AHJ 20 Dollar x CME Seasonal Stri LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Stri LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Stri LOS ANGELES CDD Seasonal Strip AUG 405 & 405A AHM 20 Dollar x CME Seasonal Stri LOS ANGELES CDD Seasonal Strip AUG 405 & 405A AHM 20 Dollar x CME S					•
LITTLE ROCK WK Average Temperature 4 424 & 424A VG4 100 Dollar x CME Weekly Ave LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LONDON HDD 406 & 406A DO 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip JAN 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip FEB 407 & 407A DOG 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOG 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOH 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DCT 407 & 407A DOV 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip NOV 407 & 407A DOV 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC 407 & 407A DOZ 20 Pounds Sterling x CME EL LONDON CAT LONDON CAT Seasonal Strip APR 409 & 409A GOJ 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip MAY 409 & 409A GOK 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUN 409 & 409A GOK 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUL 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOQ 20 Pounds Sterling x CME					•
LITTLE ROCK WK Average Temperature 5 424 & 424A VG5 100 Dollar x CME Weekly Ave LONDON HDD 406 & 406A DO 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip JAN 407 & 407A DOF 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip FEB 407 & 407A DOG 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip MAR 407 & 407A DOH 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip OCT 407 & 407A DOV 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip NOV 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON HDD Seasonal Strip DEC 407 & 407A DOX 20 Pounds Sterling x CME EL LONDON CAT 408 & 408A GO 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip APR 409 & 409A GOJ 20 Pounds Sterling x CME EL LONDON CAT Seasonal Strip MAY 409 & 409A GOK 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUN 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip JUL 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GON 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOU 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOU 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip AUG 409 & 409A GOU 20 Pounds Sterling x CME Se LONDON CAT Seasonal Strip APR 405 & 405A AH 20 Dollar x CME Degree Day LOS ANGELES CDD Seasonal Strip APR 405 & 405A AH 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUN 405 & 405A AHK 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Seasonal Str LOS ANGELES CDD Seasonal Strip JUL 405 & 405A AHM 20 Dollar x CME Sea					•
LONDON HDD  406 & 406A  DO  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip FEB  407 & 407A  DOG  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOH  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip OCT  407 & 407A  DOV  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip NOV  407 & 407A  DOV  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOZ  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Seasonal Strip X CME Se  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHK  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Strip Seasonal Strip AUG  405 & 405A  AHM					•
LONDON HDD Seasonal Strip JAN  407 & 407A  DOF  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip FEB  407 & 407A  DOH  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOH  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip OCT  407 & 407A  DOV  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip NOV  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOZ  20  Pounds Sterling x CME EL  LONDON CAT  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHI  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  AHN  20  Dollar x CME Seasonal Stri  AHN  405 & 405A  AHN  405 & 405A					•
LONDON HDD Seasonal Strip FEB  407 & 407A  DOG  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip MAR  407 & 407A  DOH  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip OCT  407 & 407A  DOV  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip NOV  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOZ  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOU  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOU  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Seasonal Strip AUG  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHK  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  AUG  405 & 405A  AHN  405 & 405A  AHN  405 & 405A  AHN					<del>-</del>
LONDON HDD Seasonal Strip MAR  LONDON HDD Seasonal Strip OCT  LONDON HDD Seasonal Strip OCT  LONDON HDD Seasonal Strip NOV  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOZ  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip APR  405 & 405A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHK  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  D	•				
LONDON HDD Seasonal Strip OCT  LONDON HDD Seasonal Strip NOV  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  407 & 407A  DOZ  20  Pounds Sterling x CME EL  LONDON HDD Seasonal Strip DEC  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT  408 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Seasonal Strip X CME Se  LOS ANGELES CDD Seasonal Strip MAY  405 & 405A  AHK  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  Dollar x CME Se	•				· ·
LONDON HDD Seasonal Strip NOV  407 & 407A  DOX  20  Pounds Sterling x CME EL  LONDON CAT  408 & 408A  GO  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip APR  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOJ  20  Pounds Sterling x CME EL  LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHK  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Stri  DONLAR CME SEAN CME SEA  DONLAR CME SEAN CME SEA  DONLAR CME SEAN CME SEA  DONLAR CME SE	LONDON HDD Seasonal Strip MAR	<u>407 &amp; 407A</u>	D0H	20	Pounds Sterling x CME Eu
LONDON HDD Seasonal Strip DEC  LONDON CAT  LONDON CAT  LONDON CAT Seasonal Strip APR  LONDON CAT Seasonal Strip APR  LONDON CAT Seasonal Strip MAY  LONDON CAT Seasonal Strip MAY  LONDON CAT Seasonal Strip JUN  LONDON CAT Seasonal Strip JUN  LONDON CAT Seasonal Strip JUL  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip SEP  LONDON CAT Seasonal Strip SEP  LOS ANGELES CDD  LOS ANGELES CDD Seasonal Strip APR  LOS ANGELES CDD Seasonal Strip MAY  LOS ANGELES CDD Seasonal Strip JUN  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip AUG  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip AUG  LO	LONDON HDD Seasonal Strip OCT	<u>407 &amp; 407A</u>	D0V	20	Pounds Sterling x CME Ει
LONDON CAT  LONDON CAT Seasonal Strip APR  LONDON CAT Seasonal Strip APR  LONDON CAT Seasonal Strip MAY  LONDON CAT Seasonal Strip MAY  LONDON CAT Seasonal Strip JUN  LONDON CAT Seasonal Strip JUN  LONDON CAT Seasonal Strip JUL  LONDON CAT Seasonal Strip JUL  LONDON CAT Seasonal Strip JUL  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip SEP  LONDON CAT Seasonal Strip SEP  LONDON CAT Seasonal Strip SEP  LOS ANGELES CDD  LOS ANGELES CDD Seasonal Strip APR  LOS ANGELES CDD Seasonal Strip MAY  LOS ANGELES CDD Seasonal Strip MAY  LOS ANGELES CDD Seasonal Strip JUN  LOS ANGELES CDD Seasonal Strip JUN  LOS ANGELES CDD Seasonal Strip JUN  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip AUG  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip AUG  LOS AUGH SE  LONDON CAT Seasonal Strip AUG  LOS AUGH SE  LONDON CAT SEASONAL SCME SE  LONDON CAT SEASONAL SCME SE  LONDON CAT SEASONAL STRIP AUGH SE	LONDON HDD Seasonal Strip NOV	407 & 407A	D0X	20	Pounds Sterling x CME Ει
LONDON CAT Seasonal Strip APR LONDON CAT Seasonal Strip MAY LONDON CAT Seasonal Strip MAY LONDON CAT Seasonal Strip JUN LONDON CAT Seasonal Strip JUN LONDON CAT Seasonal Strip JUL LONDON CAT Seasonal Strip JUL LONDON CAT Seasonal Strip JUL LONDON CAT Seasonal Strip AUG LONDON CAT Seasonal Strip AUG LONDON CAT Seasonal Strip AUG LONDON CAT Seasonal Strip SEP LONDON CAT Seasonal Strip SEP LOS ANGELES CDD LOS ANGELES CDD LOS ANGELES CDD Seasonal Strip APR LOS ANGELES CDD Seasonal Strip MAY LOS ANGELES CDD Seasonal Strip MAY LOS ANGELES CDD Seasonal Strip JUN LOS ANGELES CDD Seasonal Strip JUL LOS ANGELES CDD Seasonal Strip AUG LOS ANGELES CD	LONDON HDD Seasonal Strip DEC	407 & 407A	D0Z	20	Pounds Sterling x CME Eu
LONDON CAT Seasonal Strip MAY  409 & 409A  GOK  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip SEP  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHJ  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHK  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHQ  20  Dollar x CME Seasonal Strip	LONDON CAT	408 & 408A	G0	20	Pounds Sterling x CME Eu
LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHK  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHQ  20  Dollar x CME Seasonal Strip	LONDON CAT Seasonal Strip APR	409 & 409A	G0J	20	Pounds Sterling x CME Se
LONDON CAT Seasonal Strip JUN  409 & 409A  GOM  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHK  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHQ  20  Dollar x CME Seasonal Strip	LONDON CAT Seasonal Strip MAY	409 & 409A	G0K	20	Pounds Sterling x CME Se
LONDON CAT Seasonal Strip JUL  409 & 409A  GON  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip AUG  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHJ  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip MAY  405 & 405A  AHK  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  AHO  AHO  20  Dollar x CME Seasonal Strip  AHO  Dollar x CME Seasonal Strip	LONDON CAT Seasonal Strip JUN		G0M	20	
LONDON CAT Seasonal Strip AUG  LONDON CAT Seasonal Strip SEP  409 & 409A  GOQ  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHQ  20  Dollar x CME Seasonal Strip  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG	•				
LONDON CAT Seasonal Strip SEP  409 & 409A  GOU  20  Pounds Sterling x CME Se  LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  LOS ANGELES CDD Seasonal Strip APR  405 & 405A  AHJ  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip MAY  405 & 405A  AHK  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUN  405 & 405A  AHM  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip JUL  405 & 405A  AHN  20  Dollar x CME Seasonal Strip  LOS ANGELES CDD Seasonal Strip AUG  405 & 405A  AHQ  20  Dollar x CME Seasonal Strip	•				
LOS ANGELES CDD  403 & 403A  AH  20  Dollar x CME Degree Day  405 & 405A  AHJ  20  Dollar x CME Degree Day  405 & 405A  AHJ  405 & 405A  AHJ  405 & 405A  AHK  405 & 405A  AHK  405 & 405A  AHK  405 & 405A  AHM  405 & 405A  AHN  405 & 405A  AHQ	•				
LOS ANGELES CDD Seasonal Strip APR LOS ANGELES CDD Seasonal Strip MAY LOS ANGELES CDD Seasonal Strip MAY LOS ANGELES CDD Seasonal Strip JUN LOS ANGELES CDD Seasonal Strip JUL LOS ANGELES CDD Seasonal Strip AUG LOS ANGELES CDD	•				•
LOS ANGELES CDD Seasonal Strip MAY  LOS ANGELES CDD Seasonal Strip JUN  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip JUL  LOS ANGELES CDD Seasonal Strip JUL  405 & 405 A HN  20  Dollar x CME Seasonal Strip LOS ANGELES CDD Seasonal Strip AUG  405 & 405 A HN  20  Dollar x CME Seasonal Strip AUG  Dollar x CME Seasonal Strip AUG					· ·
LOS ANGELES CDD Seasonal Strip JUN405 & 405AAHM20Dollar x CME Seasonal StrLOS ANGELES CDD Seasonal Strip JUL405 & 405AAHN20Dollar x CME Seasonal StrLOS ANGELES CDD Seasonal Strip AUG405 & 405AAHQ20Dollar x CME Seasonal Str	•	·			
LOS ANGELES CDD Seasonal Strip JUL 405 & 405 ANGELES CDD Seasonal Strip AUG 4	•				
LOS ANGELES CDD Seasonal Strip AUG 405 & 405 A AHQ 20 Dollar x CME Seasonal Strip	•				
•	•				
LUS ANGELES CDD Seasonal Strip SEP 405 & 405A AHU 20 Dollar x CME Seasonal Str	•				
	LOS ANGELES CDD Seasonal Strip SEP	405 & 405A	AHU	20	Dollar x CME Seasonal Sti

LOS ANGELES HDD	403 & 403A	VH	20	Dollar x CME Degree Day
LOS ANGELES HDD Seasonal Strip JAN	405 & 405A	VHF	20	Dollar x CME Seasonal St
LOS ANGELES HDD Seasonal Strip FEB	405 & 405A	VHG	20	Dollar x CME Seasonal St
LOS ANGELES HDD Seasonal Strip MAR	405 & 405A	VHH	20	Dollar x CME Seasonal St
LOS ANGELES HDD Seasonal Strip OCT	405 & 405A	VHV	20	Dollar x CME Seasonal St
LOS ANGELES HDD Seasonal Strip NOV	405 & 405A	VHX	20	Dollar x CME Seasonal St
LOS ANGELES HDD Seasonal Strip DEC	405 & 405A	VHZ	20	Dollar x CME Seasonal St
'				
LOS ANGELES WK Average Temperature	424 & 424A	WVH	100	Dollar x CME Weekly Ave
LOS ANGELES WK Average Temperature 1		VH1	100	Dollar x CME Weekly Ave
LOS ANGELES WK Average Temperature 2		VH2	100	Dollar x CME Weekly Ave
LOS ANGELES WK Average Temperature 3		VH3	100	Dollar x CME Weekly Ave
LOS ANGELES WK Average Temperature 4	<u>424 &amp; 424A</u>	VH4	100	Dollar x CME Weekly Ave
LOS ANGELES WK Average Temperature 5	<u>424 &amp; 424A</u>	VH5	100	Dollar x CME Weekly Ave
MADRID CAT	408 & 408A	GQ	20	Euros x CME European C/
MADRID CAT Seasonal Strip APR	409 & 409A	GQJ	20	Euros x CME Seasonal Str
MADRID CAT Seasonal Strip MAY	409 & 409A	GQK	20	Euros x CME Seasonal Str
MADRID CAT Seasonal Strip JUN	409 & 409A	GQM	20	Euros x CME Seasonal Str
MADRID CAT Seasonal Strip JUL	409 & 409A	GQN	20	Euros x CME Seasonal Str
MADRID CAT Seasonal Strip AUG	409 & 409A	GQQ	20	Euros x CME Seasonal Str
MADRID CAT Seasonal Strip SEP	409 & 409A	GQU	20	Euros x CME Seasonal Str
MADRID HDD	406 & 406A	DQ	20	Euros x CME European H
MADRID HDD Seasonal Strip JAN	407 & 407A	DQF	20	Euros x CME European Se
MADRID HDD Seasonal Strip FEB	407 & 407A	DQG	20	Euros x CME European Se
•	- <del> </del>		20	· ·
MADRID HDD Seasonal Strip MAR	407 & 407A	DQH		Euros x CME European Se
MADRID HDD Seasonal Strip OCT	407 & 407A	DQV	20	Euros x CME European Se
MADRID HDD Seasonal Strip NOV	407 & 407A	DQX	20	Euros x CME European Se
MADRID HDD Seasonal Strip DEC	407 & 407A	DQZ	20	Euros x CME European Se
MELBOURNE CDD	439 & 439A	8T	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip JAN	440 & 440A	8TF	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip FEB	440 & 440A	8TG	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip MAR	440 & 440A	8TH	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip OCT	440 & 440A	8TV	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip NOV	440 & 440A	8TX	20	Australian Dollars x CME
MELBOURNE CDD Seasonal Strip DEC	440 & 440A	8TZ	20	Australian Dollars x CME
MELBOURNE HDD	439 & 439A	4F	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip APR	440 & 440A	4FJ	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip MAY	440 & 440A	4FK	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip JUN	440 & 440A	4FM	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip JUL	440 & 440A	4FN	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip AUG	440 & 440A	4FQ	20	Australian Dollars x CME
MELBOURNE HDD Seasonal Strip SEP	440 & 440A	4FU	20	Australian Dollars x CME
•				
MINNEAPOLIS CDD	403 & 403A	KQ	20	Dollar x CME Degree Day
MINNEAPOLIS CDD Seasonal Strip APR	405 & 405A	KQJ	20	Dollar x CME Seasonal St
MINNEAPOLIS CDD Seasonal Strip MAY	405 & 405A	KQK	20	Dollar x CME Seasonal St
MINNEAPOLIS CDD Seasonal Strip JUN	405 & 405A	KQM	20	Dollar x CME Seasonal St
MINNEAPOLIS CDD Seasonal Strip JUL	405 & 405A	KQN	20	Dollar x CME Seasonal St
MINNEAPOLIS CDD Seasonal Strip AUG	405 & 405A	KQQ	20	Dollar x CME Seasonal St

	_			
MINNEAPOLIS CDD Seasonal Strip SEP	405 & 405A	KQU	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD	403 & 403A	HQ	20	Dollar x CME Degree Day
MINNEAPOLIS HDD Seasonal Strip JAN	405 & 405A	HQF	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD Seasonal Strip FEB	405 & 405A	HQG	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD Seasonal Strip MAR	405 & 405A	HQH	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD Seasonal Strip OCT	405 & 405A	HQV	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD Seasonal Strip NOV	405 & 405A	HQX	20	Dollar x CME Seasonal St
MINNEAPOLIS HDD Seasonal Strip DEC	405 & 405A	HQZ	20	Dollar x CME Seasonal St
MINNEAPOLIS WK Average Temperature	1 <u>424 &amp; 424A</u>	HQ1	100	Dollar x CME Weekly Ave
MINNEAPOLIS WK Average Temperature	2 <u>424</u>	HQ2	100	Dollar x CME Weekly Ave
MINNEAPOLIS WK Average Temperature	3 <u>424 &amp; 424A</u>	HQ3	100	Dollar x CME Weekly Ave
MINNEAPOLIS WK Average Temperature	4 <u>424 &amp; 424A</u>	HQ4	100	Dollar x CME Weekly Ave
MINNEAPOLIS WK Average Temperature	5 <u>424</u>	HQ5	100	Dollar x CME Weekly Ave
MONTREAL CAT	425 & 425A	V5	20	Canadian Dollars x CME (
MONTREAL CAT Seasonal Strip APR	426 & 426A	V5J	20	Canadian Dollars x CME (
MONTREAL CAT Seasonal Strip MAY	426 & 426A	V5K	20	Canadian Dollars x CME
MONTREAL CAT Seasonal Strip JUN	426 & 426A	V5M	20	Canadian Dollars x CME (
MONTREAL CAT Seasonal Strip JUL	426 & 426A	V5N	20	Canadian Dollars x CME (
MONTREAL CAT Seasonal Strip AUG	426 & 426A	V5Q	20	Canadian Dollars x CME
MONTREAL CAT Seasonal Strip SEP	426 & 426A	V5U	20	Canadian Dollars x CME
MONTREAL CDD	421 & 421A	P5	20	Canadian Dollars x CME
MONTREAL CDD Seasonal Strip APR	422 & 422A	P5J	20	Canadian Dollars x CME (
MONTREAL CDD Seasonal Strip MAY	422 & 422A	P5K	20	Canadian Dollars x CME (
MONTREAL CDD Seasonal Strip JUN	422 & 422A	P5M	20	Canadian Dollars x CME (
MONTREAL CDD Seasonal Strip JUL	422 & 422A	P5N	20	Canadian Dollars x CME (
MONTREAL CDD Seasonal Strip AUG	422 & 422A	P5Q	20	Canadian Dollars x CME (
MONTREAL CDD Seasonal Strip SEP	422 & 422A	P5U	20	Canadian Dollars x CME (
MONTREAL HDD	421 & 421A	A5	20	Canadian Dollars x CME (
MONTREAL HDD Seasonal Strip JAN	422 & 422A	A5F	20	Canadian Dollars x CME
MONTREAL HDD Seasonal Strip FEB	422 & 422A	A5G	20	Canadian Dollars x CME
MONTREAL HDD Seasonal Strip MAR	422 & 422A 422 & 422A	A5H	20	Canadian Dollars x CME
MONTREAL HDD Seasonal Strip WAR	422 & 422A 422 & 422A	A5V	20	Canadian Dollars x CME
MONTREAL HDD Seasonal Strip NOV	422 & 422A 422 & 422A	A5V A5X	20	Canadian Dollars x CME
•		A5Z	20	Canadian Dollars x CME
MONTREAL HDD Seasonal Strip DEC NEW YORK WK Average Temperature 3	422 & 422A		100	Dollar x CME Weekly Ave
NEW YORK WK Average Temperature 4	424 & 424A 424 & 424A	H43 H44	100	Dollar x CME Weekly Ave
				•
NEW YORK CDD	403 & 403A	K4	20	Dollar x CME Degree Day
NEW YORK CDD Seasonal Strip APR	405 & 405A	K4J	20	Dollar x CME Seasonal St
NEW YORK CDD Seasonal Strip MAY	405 & 405A	K4K	20	Dollar x CME Seasonal St
NEW YORK CDD Seasonal Strip JUN	405 & 405A	K4M	20	Dollar x CME Seasonal St
NEW YORK CDD Seasonal Strip JUL	405 & 405A	K4N	20	Dollar x CME Seasonal St
NEW YORK CDD Seasonal Strip AUG	405 & 405A	K4Q	20	Dollar x CME Seasonal St
NEW YORK CDD Seasonal Strip SEP	405 & 405A	K4U	20	Dollar x CME Seasonal St
NEW YORK HDD	403 & 403A	H4	20	Dollar x CME Degree Day
NEW YORK HDD Seasonal Strip JAN	405 & 405A	H4F	20	Dollar x CME Seasonal St
NEW YORK HDD Seasonal Strip FEB	405 & 405A	H4G	20	Dollar x CME Seasonal St
NEW YORK HDD Seasonal Strip MAR	405 & 405A	H4H	20	Dollar x CME Seasonal St

NEW YORK HDD Seasonal Strip OCT	405 & 405A	H4V	20	Dollar x CME Seasonal St
NEW YORK HDD Seasonal Strip NOV	405 & 405A	H4X	20	Dollar x CME Seasonal St
NEW YORK HDD Seasonal Strip DEC	405 & 405A	H4Z	20	Dollar x CME Seasonal St
NEW YORK WK Average Temperature 1	424 & 424A	H41	100	Dollar x CME Weekly Ave
NEW YORK WK Average Temperature 2	424 & 424A	H42	100	Dollar x CME Weekly Ave
				•
NEW YORK WK Average Temperature 5	424 & 424A	H45	100	Dollar x CME Weekly Ave
OSAKA CAT	411 & 411A	G7	2,500	Japanese Yen x CME Paci
OSAKA CAT JAN	411 & 411A	G7F	2,500	Japanese Yen x CME Paci
OSAKA CAT FEB	<u>411 &amp; 411A</u>	G7G	2,500	Japanese Yen x CME Paci <sup>-</sup>
OSAKA CAT MAR	411 & 411A	G7H	2,500	Japanese Yen x CME Paci
OSAKA CAT APR	411 & 411A	G7J	2,500	Japanese Yen x CME Paci
OSAKA CAT MAY	411 & 411A	G7K	2,500	Japanese Yen x CME Paci
OSAKA CAT JUN	411 & 411A	G7M	2,500	Japanese Yen x CME Paci
OSAKA CAT JUL	411 & 411A	G7N	2,500	Japanese Yen x CME Paci
OSAKA CAT AUG	411 & 411A	G7Q	2,500	Japanese Yen x CME Paci
OSAKA CAT AGG	411 & 411A	G7U	2,500	Japanese Yen x CME Paci
				·
OSAKA CAT OCT	411 & 411A	G7V	2,500	Japanese Yen x CME Paci
OSAKA CAT NOV	411 & 411A	G7X	2,500	Japanese Yen x CME Paci
OSAKA CAT DEC	411 & 411A	G7Z	2,500	Japanese Yen x CME Paci
OSAKA CAT SEAS	412 & 412A	V7	2,500	Japanese Yen x CME Paci
OSLO-BINDERN CAT	408 & 408A	HL	20	Euros x CME European C/
OSLO-BINDERN CAT Seasonal Strip APR	409 & 409A	HLJ	20	Euros x CME Seasonal Str
OSLO-BINDERN CAT Seasonal Strip MAY	409 & 409A	HLK	20	Euros x CME Seasonal Str
OSLO-BINDERN CAT Seasonal Strip JUN	409 & 409A	HLM	20	Euros x CME Seasonal Str
OSLO-BINDERN CAT Seasonal Strip JUL	409 & 409A	HLN	20	Euros x CME Seasonal Str
OSLO-BINDERN CAT Seasonal Strip AUG	409 & 409A	HLQ	20	Euros x CME Seasonal Str
OSLO-BINDERN CAT Seasonal Strip SEP	409 & 409A	HLU	20	Euros x CME Seasonal Str
•				
OSLO-BINDERN HDD	406 & 406A	D6	20	Euros x CME European H
OSLO-BINDERN HDD Seasonal Strip JAN	407 & 407A	D6F	20	Euros x CME European Se
OSLO-BINDERN HDD Seasonal Strip FEB	407 & 407A	D6G	20	Euros x CME European Se
OSLO-BINDERN HDD Seasonal Strip MAR	407 & 407A	D6H	20	Euros x CME European Se
OSLO-BINDERN HDD Seasonal Strip OCT	407 & 407A	D6V	20	Euros x CME European Se
OSLO-BINDERN HDD Seasonal Strip NOV	407 & 407A	D6X	20	Euros x CME European Se
OSLO-BINDERN HDD Seasonal Strip DEC	407 & 407A	D6Z	20	Euros x CME European Se
PARIS CAT	408 & 408A	G1	20	Euros x CME European C/
PARIS CAT Seasonal Strip APR	409 & 409A	G1J	20	Euros x CME Seasonal Str
PARIS CAT Seasonal Strip MAY	409 & 409A	G1K	20	Euros x CME Seasonal Str
PARIS CAT Seasonal Strip JUN	409 & 409A	G1M	20	Euros x CME Seasonal Str
PARIS CAT Seasonal Strip JUL				
•	409 & 409A	G1N	20	Euros x CME Seasonal Str
PARIS CAT Seasonal Strip AUG	409 & 409A	G1Q	20	Euros x CME Seasonal Str
PARIS CAT Seasonal Strip SEP	409 & 409A	G1U	20	Euros x CME Seasonal Str
PARIS HDD	406 & 406A	D1	20	Euros x CME European H
PARIS HDD Seasonal Strip JAN	407 & 407A	D1F	20	Euros x CME European Se
PARIS HDD Seasonal Strip FEB	407 & 407A	D1G	20	Euros x CME European S€
PARIS HDD Seasonal Strip MAR	407 & 407A	D1H	20	Euros x CME European Sε
PARIS HDD Seasonal Strip OCT	407 & 407A	D1V	20	Euros x CME European Se
PARIS HDD Seasonal Strip NOV	407 & 407A	D1X	20	Euros x CME European Se
		- -	-	

PARIS HDD Seasonal Strip DEC	407 & 407A	D1Z	20	Euros x CME European Se
PHILADELPHIA CDD	403 & 403A	К6	20	Dollar x CME Degree Day
PHILADELPHIA CDD Seasonal Strip APR	405 & 405A	K6J	20	Dollar x CME Seasonal St
PHILADELPHIA CDD Seasonal Strip MAY	405 & 405A	K6K	20	Dollar x CME Seasonal St
PHILADELPHIA CDD Seasonal Strip JUN	405 & 405A	K6M	20	Dollar x CME Seasonal St
PHILADELPHIA CDD Seasonal Strip JUL	405 & 405A	K6N	20	Dollar x CME Seasonal St
PHILADELPHIA CDD Seasonal Strip AUG	405 & 405A	K6Q	20	Dollar x CME Seasonal St
PHILADELPHIA CDD Seasonal Strip SEP	405 & 405A	K6U	20	Dollar x CME Seasonal St
PHILADELPHIA HDD	403 & 403A	H6	20	Dollar x CME Degree Day
PHILADELPHIA HDD Seasonal Strip JAN	405 & 405A	H6F	20	Dollar x CME Seasonal St
PHILADELPHIA HDD Seasonal Strip FEB	405 & 405A	H6G	20	Dollar x CME Seasonal St
PHILADELPHIA HDD Seasonal Strip MAR	405 & 405A	Н6Н	20	Dollar x CME Seasonal St
PHILADELPHIA HDD Seasonal Strip OCT	405 & 405A	H6V	20	Dollar x CME Seasonal St
PHILADELPHIA HDD Seasonal Strip NOV	405 & 405A	H6X	20	Dollar x CME Seasonal St
PHILADELPHIA HDD Seasonal Strip DEC	405 & 405A	H6Z	20	Dollar x CME Seasonal St
PHILADELPHIA WK Average Temperature	1 <u>424 &amp; 424A</u>	H61	100	Dollar x CME Weekly Ave
PHILADELPHIA WK Average Temperature	2 <u>424 &amp; 424A</u>	H62	100	Dollar x CME Weekly Ave
PHILADELPHIA WK Average Temperature	3 <u>424 &amp; 424A</u>	H63	100	Dollar x CME Weekly Ave
PHILADELPHIA WK Average Temperature	4 <u>424 &amp; 424A</u>	H64	100	Dollar x CME Weekly Ave
PHILADELPHIA WK Average Temperature	5 <u>424 &amp; 424A</u>	H65	100	Dollar x CME Weekly Ave
PORTLAND CDD	403 & 403A	K7	20	Dollar x CME Degree Day
PORTLAND CDD Seasonal Strip APR	405 & 405A	K7J	20	Dollar x CME Seasonal St
PORTLAND CDD Seasonal Strip MAY	405 & 405A	K7K	20	Dollar x CME Seasonal St
PORTLAND CDD Seasonal Strip JUN	405 & 405A	K7M	20	Dollar x CME Seasonal St
PORTLAND CDD Seasonal Strip JUL	405 & 405A	K7N	20	Dollar x CME Seasonal St
PORTLAND CDD Seasonal Strip AUG	405 & 405A	K7Q	20	Dollar x CME Seasonal St
PORTLAND CDD Seasonal Strip SEP	405 & 405A	K7U	20	Dollar x CME Seasonal St
PORTLAND HDD	403 & 403A	H7	20	Dollar x CME Degree Day
PORTLAND HDD Seasonal Strip JAN	405 & 405A	H7F	20	Dollar x CME Seasonal St
PORTLAND HDD Seasonal Strip FEB	405 & 405A	H7G	20	Dollar x CME Seasonal St
PORTLAND HDD Seasonal Strip MAR	405 & 405A	H7H	20	Dollar x CME Seasonal St
PORTLAND HDD Seasonal Strip OCT	405 & 405A	H7V	20	Dollar x CME Seasonal St
PORTLAND HDD Seasonal Strip NOV	405 & 405A	H7X	20	Dollar x CME Seasonal St
PORTLAND HDD Seasonal Strip DEC	405 & 405A	H7Z	20	Dollar x CME Seasonal St
PORTLAND WK Average Temperature TEM	И <u>424 &amp; 424A</u>	WH7	100	Dollar x CME Weekly Ave
PORTLAND WK Average Temperature 1	424 & 424A	H71	100	Dollar x CME Weekly Ave
PORTLAND WK Average Temperature 2	424 & 424A	H72	100	Dollar x CME Weekly Ave
PORTLAND WK Average Temperature 3	424 & 424A	H73	100	Dollar x CME Weekly Ave
PORTLAND WK Average Temperature 4	424 & 424A	H74	100	Dollar x CME Weekly Ave
PORTLAND WK Average Temperature 5	424 & 424A	H75	100	Dollar x CME Weekly Ave
PRAGUE CAT	408 & 408A	B7	20	Euros x CME European C/
PRAGUE CAT Seasonal Strip APR	409 & 409A	B7J	20	Euros x CME Seasonal Str
PRAGUE CAT Seasonal Strip MAY	409 & 409A	B7K	20	Euros x CME Seasonal Str
PRAGUE CAT Seasonal Strip JUN	409 & 409A	B7M	20	Euros x CME Seasonal Str
PRAGUE CAT Seasonal Strip JUL	409 & 409A	B7N	20	Euros x CME Seasonal Str
PRAGUE CAT Seasonal Strip AUG	409 & 409A	B7Q	20	Euros x CME Seasonal Str
PRAGUE CAT Seasonal Strip SEP	409 & 409A	B7U	20	Euros x CME Seasonal Str

PRAGUE HDD	406 & 406A	D7	20	Euros x CME European H
PRAGUE HDD Seasonal Strip JAN	407 & 407A	D7F	20	Euros x CME European Se
PRAGUE HDD Seasonal Strip FEB	407 & 407A	D7G	20	Euros x CME European Se
PRAGUE HDD Seasonal Strip MAR	407 & 407A	D7H	20	Euros x CME European Se
PRAGUE HDD Seasonal Strip OCT	407 & 407A	D7V	20	Euros x CME European Se
PRAGUE HDD Seasonal Strip NOV	407 & 407A	D7X	20	Euros x CME European Se
PRAGUE HDD Seasonal Strip DEC	407 & 407A	D7Z	20	Euros x CME European Se
RALEIGH DURHAM CDD	403 & 403A	AK	20	Dollar x CME Degree Day
RALEIGH DURHAM CDD Seasonal Strip AP	F 405 & 405A	AKJ	20	Dollar x CME Seasonal St
RALEIGH DURHAM CDD Seasonal Strip Ma	4 <u>405 &amp; 405A</u>	AKK	20	Dollar x CME Seasonal St
RALEIGH DURHAM CDD Seasonal Strip JU	N <u>405 &amp; 405A</u>	AKM	20	Dollar x CME Seasonal St
RALEIGH DURHAM CDD Seasonal Strip JU	L <u>405 &amp; 405A</u>	AKN	20	Dollar x CME Seasonal St
RALEIGH DURHAM CDD Seasonal Strip AL	JC <u>405 &amp; 405A</u>	AKQ	20	Dollar x CME Seasonal St
RALEIGH DURHAM CDD Seasonal Strip SE	P <u>405 &amp; 405A</u>	AKU	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD	403 & 403A	VK	20	Dollar x CME Degree Day
RALEIGH DURHAM HDD Seasonal Strip JA	N <u>405 &amp; 405A</u>	VKF	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD Seasonal Strip FE	B <u>405 &amp; 405A</u>	VKG	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD Seasonal Strip M.	A <u>405 &amp; 405A</u>	VKH	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD Seasonal Strip OG	405 & 405A	VKV	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD Seasonal Strip NO	O' <u>405 &amp; 405A</u>	VKX	20	Dollar x CME Seasonal St
RALEIGH DURHAM HDD Seasonal Strip DE	C 405 & 405A	VKZ	20	Dollar x CME Seasonal St
RALEIGH DURHAM WK Average Tempera	tı <u>424 &amp; 424A</u>	VK1	100	Dollar x CME Weekly Ave
RALEIGH DURHAM WK Average Tempera	tı <u>424 &amp; 424A</u>	VK2	100	Dollar x CME Weekly Ave
RALEIGH DURHAM WK Average Tempera	tı <u>424 &amp; 424A</u>	VK3	100	Dollar x CME Weekly Ave
RALEIGH DURHAM WK Average Tempera	tı <u>424 &amp; 424A</u>	VK4	100	Dollar x CME Weekly Ave
RALEIGH DURHAM WK Average Tempera	tı <u>424 &amp; 424A</u>	VK5	100	Dollar x CME Weekly Ave
ROME CAT	408 & 408A	G9	20	Euros x CME European C/
ROME CAT Seasonal Strip APR	409 & 409A	G9J	20	Euros x CME European Se
ROME CAT Seasonal Strip MAY	409 & 409A	G9K	20	Euros x CME European Se
ROME CAT Seasonal Strip JUN	409 & 409A	G9M	20	Euros x CME European Se
ROME CAT Seasonal Strip JUL	409 & 409A	G9N	20	Euros x CME European Se
ROME CAT Seasonal Strip AUG	409 & 409A	G9Q	20	Euros x CME European Se
ROME CAT Seasonal Strip SEP	409 & 409A	G9U	20	Euros x CME European Se
ROME HDD	406 & 406A	D9	20	Euros x CME European H
ROME HDD Seasonal Strip JAN	407 & 407A	D9F	20	Euros x CME European S€
ROME HDD Seasonal Strip FEB	407 & 407A	D9G	20	Euros x CME European S€
ROME HDD Seasonal Strip MAR	407 & 407A	D9H	20	Euros x CME European S€
ROME HDD Seasonal Strip OCT	407 & 407A	D9V	20	Euros x CME European S€
ROME HDD Seasonal Strip NOV	407 & 407A	D9X	20	Euros x CME European S€
ROME HDD Seasonal Strip DEC	407 & 407A	D9Z	20	Euros x CME European S€
SALT LAKE CITY CDD	403 & 403A	KU	20	Dollar x CME Degree Day
SALT LAKE CITY CDD Seasonal Strip APR	405 & 405A	KUJ	20	Dollar x CME Seasonal St
SALT LAKE CITY CDD Seasonal Strip MAY	405 & 405A	KUK	20	Dollar x CME Seasonal St
SALT LAKE CITY CDD Seasonal Strip JUN	405 & 405A	KUM	20	Dollar x CME Seasonal St
SALT LAKE CITY CDD Seasonal Strip JUL	405 & 405A	KUN	20	Dollar x CME Seasonal St
SALT LAKE CITY CDD Seasonal Strip AUG	405 & 405A	KUQ	20	Dollar x CME Seasonal St

SALT LAKE CITY CDD Seasonal Strip SEP	405 & 405A	KUU	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD	403 & 403A	НА	20	Dollar x CME Degree Day
SALT LAKE CITY HDD Seasonal Strip JAN	405 & 405A	HAF	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD Seasonal Strip FEB	405 & 405A	HAG	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD Seasonal Strip MAR	405 & 405A	HAH	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD Seasonal Strip OCT	405 & 405A	HAV	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD Seasonal Strip NOV	405 & 405A	HAX	20	Dollar x CME Seasonal St
SALT LAKE CITY HDD Seasonal Strip DEC	405 & 405A	HAZ	20	Dollar x CME Seasonal St
SACRAMENTO CDD	403 & 403A	KS	20	Dollar x CME Degree Day
SACRAMENTO CDD Seasonal Strip APR	405 & 405A	KSJ	20	Dollar x CME Seasonal St
SACRAMENTO CDD Seasonal Strip MAY		KSK	20	Dollar x CME Seasonal St
·	405 & 405A			
SACRAMENTO CDD Seasonal Strip JUN	405 & 405A	KSM	20	Dollar x CME Seasonal St
SACRAMENTO CDD Seasonal Strip JUL	405 & 405A	KSN	20	Dollar x CME Seasonal St
SACRAMENTO CDD Seasonal Strip AUG	405 & 405A	KSQ	20	Dollar x CME Seasonal St
SACRAMENTO CDD Seasonal Strip SEP	405 & 405A	KSU	20	Dollar x CME Seasonal St
SACRAMENTO HDD	403 & 403A	HS	20	Dollar x CME Degree Day
SACRAMENTO HDD Seasonal Strip JAN	405 & 405A	HSF	20	Dollar x CME Seasonal St
SACRAMENTO HDD Seasonal Strip FEB	405 & 405A	HSG	20	Dollar x CME Seasonal St
SACRAMENTO HDD Seasonal Strip MAR	405 & 405A	HSH	20	Dollar x CME Seasonal St
SACRAMENTO HDD Seasonal Strip OCT	405 & 405A	HSV	20	Dollar x CME Seasonal St
SACRAMENTO HDD Seasonal Strip NOV	405 & 405A	HSX	20	Dollar x CME Seasonal St
SACRAMENTO HDD Seasonal Strip DEC	405 & 405A	HSZ	20	Dollar x CME Seasonal St
SALT LAKE CITY WK Average Temperature	424 & 424A	HA1	100	Dollar x CME Weekly Ave
SALT LAKE CITY WK Average Temperature	424 & 424A	HA2	100	Dollar x CME Weekly Ave
SALT LAKE CITY WK Average Temperature	424 & 424A	HA3	100	Dollar x CME Weekly Ave
SALT LAKE CITY WK Average Temperature	424 & 424A	HA4	100	Dollar x CME Weekly Ave
SALT LAKE CITY WK Average Temperature		HA5	100	Dollar x CME Weekly Ave
SALT LAKE CITY WK Average Temperature	· · · · · · · · · · · · · · · · · · ·	HA5	100	Dollar x CME Weekly Ave
SCRAMENTO WK Average Temperature 1		KS1	100	Dollar x CME Weekly Ave
SCRAMENTO WK Average Temperature 2		KS2	100	Dollar x CME Weekly Ave
SCRAMENTO WK Average Temperature 3		KS3	100	Dollar x CME Weekly Ave
SCRAMENTO WK Average Temperature 4	424 & 424A	KS4	100	Dollar x CME Weekly Ave
SCRAMENTO WK Average Temperature 5	424 & 424A	KS5	100	Dollar x CME Weekly Ave
STOCKHOLM CAT	408 & 408A	G5	20	Euros x CME European C/
				•
STOCKHOLM CAT Seasonal Strip APR	409 & 409A	G5J	20	Euros x CME European Se
STOCKHOLM CAT Seasonal Strip MAY	409 & 409A	G5K	20	Euros x CME European Se
STOCKHOLM CAT Seasonal Strip JUN	409 & 409A	G5M	20	Euros x CME European Se
STOCKHOLM CAT Seasonal Strip JUL	409 & 409A	G5N	20	Euros x CME European Se
STOCKHOLM CAT Seasonal Strip AUG	409 & 409A	G5Q	20	Euros x CME European Se
STOCKHOLM CAT Seasonal Strip SEP	409 & 409A	G5U	20	Euros x CME European Se
STOCKHOLM HDD	406 & 406A	D5	20	Euros x CME European H
STOCKHOLM HDD Seasonal Strip JAN	407 & 407A	D5F	20	Euros x CME European Se
STOCKHOLM HDD Seasonal Strip FEB	407 & 407A	D5G	20	Euros x CME European Se
STOCKHOLM HDD Seasonal Strip MAR	407 & 407A	D5H	20	Euros x CME European S€
STOCKHOLM HDD Seasonal Strip OCT	407 & 407A	D5V	20	Euros x CME European Se
STOCKHOLM HDD Seasonal Strip NOV	407 & 407A	D5X	20	Euros x CME European Se
STOCKHOLM HDD Seasonal Strip DEC	407 & 407A	D5Z	20	Euros x CME European Se

SYDNEY CDD	439 & 439A	6T	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip JAN	440 & 440A	6TF	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip FEB	440 & 440A	6TG	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip MAR	440 & 440A	6TH	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip OCT	440 & 440A	6TV	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip NOV	440 & 440A	6TX	20	Australian Dollars x CME
SYDNEY CDD Seasonal Strip DEC	440 & 440A	6TZ	20	Australian Dollars x CME
SYDNEY HDD	439 & 439A	2F	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip APR	440 & 440A	2FJ	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip MAY	440 & 440A	2FK	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip JUN	440 & 440A	2FM	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip JUL	440 & 440A	2FN	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip AUG	440 & 440A	2FQ	20	Australian Dollars x CME
SYDNEY HDD Seasonal Strip SEP	440 & 440A	2FU	20	Australian Dollars x CME
TOKYO CAT	411 & 411A	G6	2,500	Japanese Yen x CME Paci
TOKYO CAT JAN	411 & 411A	G6F	2,500	Japanese Yen x CME Paci
TOKYO CAT FEB	411 & 411A	G6G	2,500	Japanese Yen x CME Paci
TOKYO CAT MAR	411 & 411A	G6H	2,500	Japanese Yen x CME Paci
TOKYO CAT APR	411 & 411A	G6J	2,500	Japanese Yen x CME Paci
TOKYO CAT MAY	411 & 411A	G6K	2,500	Japanese Yen x CME Paci
TOKYO CAT JUN	411 & 411A	G6M	2,500	Japanese Yen x CME Paci
TOKYO CAT JUL	411 & 411A	G6N	2,500	Japanese Yen x CME Paci
TOKYO CAT AUG	411 & 411A	G6Q	2,500	Japanese Yen x CME Paci
TOKYO CAT SEP	411 & 411A	G6U	2,500	Japanese Yen x CME Paci
TOKYO CAT OCT	411 & 411A	G6V	2,500	Japanese Yen x CME Paci
TOKYO CAT NOV	411 & 411A	G6X	2,500	Japanese Yen x CME Paci
TOKYO CAT DEC	411 & 411A	G6Z	2,500	Japanese Yen x CME Paci
TOKYO CAT Seasonal Strip	412 & 412A	V6	2,500	Japanese Yen x CME Paci
TORONTO CAT	425 & 425A	V1	20	Canadian Dollars x CME (
TORONTO CAT Seasonal Strip APR	426 & 426A	V1J	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip MAY	426 & 426A	V1K	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip JUN	426 & 426A	V1M	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip JUL	426 & 426A	V1N	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip AUG	426 & 426A	V1Q	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip SEP	426 & 426A	V1Q V1U	20	Canadian Dollars x CME
TORONTO CAT Seasonal Strip SEI	421 & 421A	P7	20	Canadian Dollars x CME (
TORONTO CDD Seasonal Strip APR	422 & 422A	P7J	20	Canadian Dollars x CME (
TORONTO CDD Seasonal Strip ATK	422 & 422A 422 & 422A	P7K	20	Canadian Dollars x CME (
TORONTO CDD Seasonal Strip IVA	422 & 422A 422 & 422A	P7M	20	Canadian Dollars x CME (
TORONTO CDD Seasonal Strip JUL	422 & 422A 422 & 422A	P7N	20	Canadian Dollars x CME (
•				Canadian Dollars x CME (
TORONTO CDD Seasonal Strip AUG	422 & 422A	P7Q	20	
TORONTO LDD	422 & 422A	P7U	20	Canadian Dollars x CME ( Canadian Dollars x CME (
TORONTO HDD Seesanal Strip IAN	421 & 421A	A7	20	
TORONTO UDD Seasonal Strip JAN	422 & 422A	A7F	20	Canadian Dollars x CME
TORONTO HDD Seasonal Strip FEB	422 & 422A	A7G	20	Canadian Dollars x CME
TORONTO HDD Seasonal Strip MAR	422 & 422A	A7H	20	Canadian Dollars x CME
TORONTO HDD Seasonal Strip OCT	422 & 422A	A7V	20	Canadian Dollars x CME

TORONTO HDD Seasonal Strip NOV	422 & 422A	A7X	20	Canadian Dollars x CME
TORONTO HDD Seasonal Strip DEC	<u>422 &amp; 422A</u>	A7Z	20	Canadian Dollars x CME (
TUCSON CDD	403 & 403A	K8	20	Dollar x CME Degree Day
TUCSON CDD Seasonal Strip APR	405 & 405A	K8J	20	Dollar x CME Seasonal St
TUCSON CDD Seasonal Strip MAY	405 & 405A	K8K	20	Dollar x CME Seasonal Sti
TUCSON CDD Seasonal Strip JUN	405 & 405A	K8M	20	Dollar x CME Seasonal St
TUCSON CDD Seasonal Strip JUL	405 & 405A	K8N	20	Dollar x CME Seasonal St
TUCSON CDD Seasonal Strip AUG	405 & 405A	K8Q	20	Dollar x CME Seasonal St
TUCSON CDD Seasonal Strip SEP	405 & 405A	K8U	20	Dollar x CME Seasonal St
TUCSON HDD	403 & 403A	H8	20	Dollar x CME Degree Day
TUCSON HDD Seasonal Strip JAN	405 & 405A	H8F	20	Dollar x CME Seasonal St
•				Dollar x CME Seasonal St
TUCSON HDD Seasonal Strip FEB	405 & 405A	H8G	20	
TUCSON HDD Seasonal Strip MAR	405 & 405A	H8H	20	Dollar x CME Seasonal St
TUCSON HDD Seasonal Strip OCT	405 & 405A	H8V	20	Dollar x CME Seasonal St
TUCSON HDD Seasonal Strip NOV	405 & 405A	H8X	20	Dollar x CME Seasonal St
TUCSON HDD Seasonal Strip DEC	405 & 405A	H8Z	20	Dollar x CME Seasonal St
TUCSON WK Average Temperature 1	<u>424 &amp; 424A</u>	H81	100	Dollar x CME Weekly Ave
TUCSON WK Average Temperature 2	424 & 424A	H82	100	Dollar x CME Weekly Ave
TUCSON WK Average Temperature 3	424 & 424A	H83	100	Dollar x CME Weekly Ave
TUCSON WK Average Temperature 4	424 & 424A	H84	100	Dollar x CME Weekly Ave
TUCSON WK Average Temperature 5	424 & 424A	H85	100	Dollar x CME Weekly Ave
VANCOUVER CAT	425 & 425A	V8	20	Canadian Dollars x CME (
VANCOUVER CAT Seasonal Strip APR	426 & 426A	V8J	20	Canadian Dollars x CME
VANCOUVER CAT Seasonal Strip MAY	426 & 426A	V8K	20	Canadian Dollars x CME
VANCOUVER CAT Seasonal Strip JUN	426 & 426A	V8M	20	Canadian Dollars x CME
VANCOUVER CAT Seasonal Strip JUL	426 & 426A	V8N	20	Canadian Dollars x CME
VANCOUVER CAT Seasonal Strip AUG	426 & 426A	V8Q	20	Canadian Dollars x CME
•		V8Q V8U	20	Canadian Dollars x CME
VANCOUVER CAT Seasonal StripSEP	426 & 426A			
VANCOUVER CDD	421 & 421A	P8	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip APR	422 & 422A	P8J	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip MAY	422 & 422A	P8K	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip JUN	422 & 422A	P8M	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip JUL	<u>422 &amp; 422A</u>	P8N	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip AUG	<u>422 &amp; 422A</u>	P8Q	20	Canadian Dollars x CME (
VANCOUVER CDD Seasonal Strip SEP	422 & 422A	P8U	20	Canadian Dollars x CME (
VANCOUVER HDD	421 & 421A	A8	20	Canadian Dollars x CME (
VANCOUVER HDD Seasonal Strip JAN	422 & 422A	A8F	20	Canadian Dollars x CME
VANCOUVER HDD Seasonal Strip FEB	422 & 422A	A8G	20	Canadian Dollars x CME
VANCOUVER HDD Seasonal Strip MAR	422 & 422A	A8H	20	Canadian Dollars x CME (
VANCOUVER HDD Seasonal Strip OCT	422 & 422A	A8V	20	Canadian Dollars x CME
VANCOUVER HDD Seasonal Strip NOV	422 & 422A	A8X	20	Canadian Dollars x CME
VANCOUVER HDD Seasonal Strip DEC	422 & 422A	A8Z	20	Canadian Dollars x CME
•		AU		
WASHINGTON DC CDD	403 & 403A		20	Dollar x CME Degree Day
WASHINGTON DC CDD Seasonal Strip APR		AUJ	20	Dollar x CME Seasonal St
WASHINGTON DC CDD Seasonal Strip MA		AUK	20	Dollar x CME Seasonal St
WASHINGTON DC CDD Seasonal Strip JUN		AUM	20	Dollar x CME Seasonal St
WASHINGTON DC CDD Seasonal Strip JUL	405 & 405A	AUN	20	Dollar x CME Seasonal St

WASHINGTON DC CDD Seasonal Strip AU	G <u>405 &amp; 405A</u>	AUQ	20	Dollar x CME Seasonal St
WASHINGTON DC CDD Seasonal Strip SEP	405 & 405A	AUU	20	Dollar x CME Seasonal St
WASHINGTON DC HDD	403 & 403A	VU	20	Dollar x CME Degree Day
WASHINGTON DC HDD Seasonal Strip JAN	N <u>405 &amp; 405A</u>	VUF	20	Dollar x CME Seasonal St
WASHINGTON DC HDD Seasonal Strip FEE	3 <u>405 &amp; 405A</u>	VUG	20	Dollar x CME Seasonal St
WASHINGTON DC HDD Seasonal Strip MA	AF <u>405 &amp; 405A</u>	VUH	20	Dollar x CME Seasonal St
WASHINGTON DC HDD Seasonal Strip OC	T <u>405 &amp; 405A</u>	VUV	20	Dollar x CME Seasonal St
WASHINGTON DC HDD Seasonal Strip NO	V <u>405 &amp; 405A</u>	VUX	20	Dollar x CME Seasonal St
WASHINGTON DC HDD Seasonal Strip DE	C <u>405 &amp; 405A</u>	VUZ	20	Dollar x CME Seasonal St
WASHINGTON DC WK Average Temperat	u <u>424 &amp; 424A</u>	VU2	100	Dollar x CME Weekly Ave
WASHINGTON DC WK Average Temperat	u <u>424 &amp; 424A</u>	VU4	100	Dollar x CME Weekly Ave
WASHINGTON WK Average Temperature	1 <u>424 &amp; 424A</u>	VU1	100	Dollar x CME Weekly Ave
WASHINGTON WK Average Temperature	3 <u>424 &amp; 424A</u>	VU3	100	Dollar x CME Weekly Ave
WASHINGTON WK Average Temperature	5 <u>424 &amp; 424A</u>	VU5	100	Dollar x CME Weekly Ave
WINNIPEG CAT	425 & 425A	V9	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip APR	426 & 426A	V9J	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip MAY	426 & 426A	V9K	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip JUN	426 & 426A	V9M	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip JUL	426 & 426A	V9N	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip AUG	426 & 426A	V9Q	20	Canadian Dollars x CME (
WINNIPEG CAT Seasonal Strip SEP	426 & 426A	V9U	20	Canadian Dollars x CME (
WINNIPEG CDD	421 & 421A	P9	20	Canadian Dollars x CME (
WINNIPEG CDD Seasonal Strip APR	422 & 422A	P9J	20	Canadian Dollar x CME Ca
WINNIPEG CDD Seasonal Strip MAY	422 & 422A	P9K	20	Canadian Dollars x CME (
WINNIPEG CDD Seasonal Strip JUN	422 & 422A	P9M	20	Canadian Dollars x CME (
WINNIPEG CDD Seasonal Strip JUL	422 & 422A	P9N	20	Canadian Dollars x CME (
WINNIPEG CDD Seasonal Strip AUG	422 & 422A	P9Q	20	Canadian Dollar x CME Ca
WINNIPEG CDD Seasonal Strip SEP	422 & 422A	P9U	20	Canadian Dollars x CME (
WINNIPEG HDD	421 & 421A	A9	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip JAN	422 & 422A	A9F	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip FEB	422 & 422A	A9G	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip MAR	422 & 422A	A9H	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip OCT	422 & 422A	A9V	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip NOV	422 & 422A	A9X	20	Canadian Dollars x CME (
WINNIPEG HDD Seasonal Strip DEC	422 & 422A	A9Z	20	Canadian Dollars x CME (

				All Month Limit	
				Aggregate Into	
				Futures	All Month Limit
			Donorting		
Typo	Settlement	Group	Reporting Level	Equivalent Leg (1)	Aggregate Into Futures Equivalent Leg (2)
Type Future/American		•		G2	Equivalent Leg (2)
Future/American	•			G2J	
Future/American	•			G2K	
Future/American	•			G2M	
Future/American	•			G2N	
Future/American	•			G2Q	
Future/American	•			G2U	
Future/American	•			D2	
Future/American	•			D2F	
Future/American	•			D2G	
Future/American	•			D2H	
Future/American	•			D2V	
Future/American	•			D2X	
Future/American	•			D2Z	
Future/American	•			K1	
Future/American	•			K1J	
Future/American	•			K1K	
Future/American	•			K1M	
Future/American	•			K1N	
Future/American	•			K1Q	
Future/American	•			K1U	
Future/American	Financially se	t CME WEATHE	25	H1	
Future/American	Financially se	t CME WEATHE	25	H1F	
Future/American	Financially se	t CME WEATHE	25	H1G	
Future/American	Financially se	t CME WEATHE	25	H1H	
Future/American	Financially se	t CME WEATHE	25	H1V	
Future/American	Financially se	t CME WEATHE	25	H1X	
Future/American	Financially se	t CME WEATHE	25	H1Z	
Future/American	Financially se	t CME WEATHE	200	H11	
Future/American	Financially se	t CME WEATHE	200	H12	
Future/American	Financially se	t CME WEATHE	200	H13	
Future/American	Financially se	t CME WEATHE	200	H14	
Future/American	Financially se	t CME WEATHE	200	H15	
Future/American	Financially se	t CME WEATHE	25	KV	
Future/American	Financially se	t CME WEATHE	25	KVK	
Future/American	Financially se	t CME WEATHE	25	KVM	
Future/American	Financially se	t CME WEATHE	25	KVN	
Future/American	Financially se	t CME WEATHE	25	KVQ	
Future/American	Financially se	t CME WEATHE	25	KVU	

Future/American	Financially	set CME	WEATHE 25	KVV
Future/American	Financially	set CME	WEATHE 25	HV
Future/American	Financially	set CME	WEATHE 25	HVF
Future/American	Financially	set CME	WEATHE 25	HVG
Future/American	Financially	set CME	WEATHE 25	HVH
Future/American	Financially	set CME	WEATHE 25	HVV
Future/American	Financially	set CME	WEATHE 25	HVX
Future/American	Financially	set CME	WEATHE 25	HVZ
Future/American	Financially	set CME	WEATHE 200	HV1
Future	Financially	set CME	WEATHE 200	HV2
Future/American	Financially	set CME	WEATHE 200	HV3
Future/American	Financially	set CME	WEATHE 200	HV4
Future/American	Financially	set CME	WEATHE 200	HV5
Future/American	Financially	set CME	WEATHE 25	G8
Future/American	Financially	set CME	WEATHE 25	G8J
Future/American	Financially	set CME	WEATHE 25	G8K
Future/American	Financially	set CME	WEATHE 25	G8M
Future/American	Financially	set CME	WEATHE 25	G8N
Future/American	Financially	set CME	WEATHE 25	G8Q
Future/American	Financially	set CME	WEATHE 25	G8U
Future/American	Financially	set CME	WEATHE 25	D8
Future/American	Financially	set CME	WEATHE 25	D8F
Future/American	Financially	set CME	WEATHE 25	D8G
Future/American	Financially	set CME	WEATHE 25	D8H
Future/American	Financially	set CME	WEATHE 25	D8V
Future/American	Financially	set CME	WEATHE 25	D8X
Future/American	Financially	set CME	WEATHE 25	D8Z
Future/American	Financially	set CME	WEATHE 25	G3
Future/American	Financially	set CME	WEATHE 25	G3J
Future/American	Financially	set CME	WEATHE 25	G3K
Future/American	Financially	set CME	WEATHE 25	G3M
Future/American	Financially	set CME	WEATHE 25	G3N
Future/American	Financially	set CME	WEATHE 25	G3Q
Future/American	Financially	set CME	WEATHE 25	G3U
Future/American	Financially	set CME	WEATHE 25	D3
Future/American	Financially	set CME	WEATHE 25	D3F
Future/American	Financially	set CME	WEATHE 25	D3G
Future/American	Financially	set CME	WEATHE 25	D3H
Future/American	Financially	set CME	WEATHE 25	D3V
Future/American	Financially	set CME	WEATHE 25	D3X
Future/American	Financially	set CME	WEATHE 25	D3Z
Future/American	Financially	set CME	WEATHE 25	KW
Future/American	Financially	set CME	WEATHE 25	KWJ
Future/American	Financially	set CME	WEATHE 25	KWK
Future/American	Financially	set CME	WEATHE 25	KWM
Future/American	Financially	set CME	WEATHE 25	KWN
Future/American	Financially	set CME	WEATHE 25	KWQ

Future/American Financially set CME WEATHE 25	KWU
Future/American Financially set CME WEATHE 25	HW
Future/American Financially set CME WEATHE 25	HWF
Future/American Financially set CME WEATHE 25	HWG
Future/American Financially set CME WEATHE 25	HWH
Future/American Financially set CME WEATHE 25	HWV
Future/American Financially set CME WEATHE 25	HWX
Future/American Financially set CME WEATHE 25	HWZ
Future/American Financially set CME WEATHE 200	HW1
Future/American Financially set CME WEATHE 200	HW2
Future/American Financially set CME WEATHE 200	HW3
•	HW4
Future/American Financially set CME WEATHE 200	HW5
Future/American Financially set CME WEATHE 200	7T
Future/American Financially set CME WEATHE 25	
Future/American Financially set CME WEATHE 25	7TF
Future/American Financially set CME WEATHE 25	7TG
Future/American Financially set CME WEATHE 25	7TH
Future/American Financially set CME WEATHE 25	7TV
Future/American Financially set CME WEATHE 25	7TX
Future/American Financially set CME WEATHE 25	7TZ
Future/American Financially set CME WEATHE 25	3F
Future/American Financially set CME WEATHE 25	3FJ
Future/American Financially set CME WEATHE 25	3FK
Future/American Financially set CME WEATHE 25	3FM
Future/American Financially set CME WEATHE 25	3FN
Future/American Financially set CME WEATHE 25	3FQ
Future/American Financially set CME WEATHE 25	3FU
Future/American Financially set CME WEATHE 25	V2
Future/American Financially set CME WEATHE 25	V2J
Future/American Financially set CME WEATHE 25	V2K
Future/American Financially set CME WEATHE 25	V2KK
Future/American Financially set CME WEATHE 25	V2M
Future/American Financially set CME WEATHE 25	V2N
Future/American Financially set CME WEATHE 25	V2Q
Future/American Financially set CME WEATHE 25	V2U
Future/American Financially set CME WEATHE 25	P2
Future/American Financially set CME WEATHE 25	P2J
Future/American Financially set CME WEATHE 25	P2K
Future/American Financially set CME WEATHE 25	P2M
Future/American Financially set CME WEATHE 25	P2N
Future/American Financially set CME WEATHE 25	P2Q
Future/American Financially set CME WEATHE 25	P2U
Future/American Financially set CME WEATHE 25	A2
Future/American Financially set CME WEATHE 25	A2F
Future/American Financially set CME WEATHE 25	A2G
Future/American Financially set CME WEATHE 25	A2H
Future/American Financially set CME WEATHE 25	A2V

Future/American Financially set CME WEATHE 25	A2X
Future/American Financially set CME WEATHE 25	A2Z
Future/American Financially set CME WEATHE 25	K2
Future/American Financially set CME WEATHE 25	K2J
Future/American Financially set CME WEATHE 25	K2K
Future/American Financially set CME WEATHE 25	K2M
Future/American Financially set CME WEATHE 25	K2N
Future/American Financially set CME WEATHE 25	K2Q
Future/American Financially set CME WEATHE 25	K2U
Future/American Financially set CME WEATHE 25	H2
Future/American Financially set CME WEATHE 25	H2F
Future/American Financially set CME WEATHE 25	H2G
Future/American Financially set CME WEATHE 25	H2H
Future/American Financially set CME WEATHE 25	H2V
Future/American Financially set CME WEATHE 25	H2X
Future/American Financially set CME WEATHE 25	H2Z
Future/American Financially set CME WEATHE 25	WH2
Future/American Financially set CME WEATHE 200	H21
Future/American Financially set CME WEATHE 200	H22
Future/American Financially set CME WEATHE 200	H23
Future/American Financially set CME WEATHE 200	H24
Future/American Financially set CME WEATHE 200	H25
Future/American Financially set CME WEATHE 25	K3
Future/American Financially set CME WEATHE 25	K3J
Future/American Financially set CME WEATHE 25	КЗК
Future/American Financially set CME WEATHE 25	K3M
Future/American Financially set CME WEATHE 25	K3N
Future/American Financially set CME WEATHE 25	K3Q
Future/American Financially set CME WEATHE 25	K3U
Future/American Financially set CME WEATHE 25	Н3
Future/American Financially set CME WEATHE 25	H3F
Future/American Financially set CME WEATHE 25	H3G
Future/American Financially set CME WEATHE 25	НЗН
Future/American Financially set CME WEATHE 25	H3V
Future/American Financially set CME WEATHE 25	H3X
Future/American Financially set CME WEATHE 25	H3Z
Future/American Financially set CME WEATHE 200	H31
Future/American Financially set CME WEATHE 200	H32
Future/American Financially set CME WEATHE 200	H33
Future/American Financially set CME WEATHE 200	H34
Future/American Financially set CME WEATHE 200	H35
Future/American Financially set CME WEATHE 25	A3
Future/American Financially set CME WEATHE 25	A3J
Future/American Financially set CME WEATHE 25	A3K
Future/American Financially set CME WEATHE 25	A3M
Future/American Financially set CME WEATHE 25	A3N
Future/American Financially set CME WEATHE 25	A3Q

Future/American Financially set CME WEATHE 25	A3U
Future/American Financially set CME WEATHE 25	V3
Future/American Financially set CME WEATHE 25	V3F
Future/American Financially set CME WEATHE 25	V3G
Future/American Financially set CME WEATHE 25	V3H
Future/American Financially set CME WEATHE 25	V3V
Future/American Financially set CME WEATHE 25	V3X
Future/American Financially set CME WEATHE 25	V3Z
Future/American Financially set CME WEATHE 200	V31
Future/American Financially set CME WEATHE 200	V32
Future/American Financially set CME WEATHE 200	V33
Future/American Financially set CME WEATHE 200	V34
Future/American Financially set CME WEATHE 200	V35
Future/American Financially set CME WEATHE 25	K5
Future/American Financially set CME WEATHE 25	K5J
Future/American Financially set CME WEATHE 25	K5K
Future/American Financially set CME WEATHE 25	K5M
Future/American Financially set CME WEATHE 25	K5N
Future/American Financially set CME WEATHE 25	K5Q
Future/American Financially set CME WEATHE 25	K5U
Future/American Financially set CME WEATHE 25	H5
Future/American Financially set CME WEATHE 25	H5F
Future/American Financially set CME WEATHE 25	H5G
Future/American Financially set CME WEATHE 25	H5H
Future/American Financially set CME WEATHE 25	H5V
Future/American Financially set CME WEATHE 25	H5X
Future/American Financially set CME WEATHE 25	H5Z
Future/American Financially set CME WEATHE 200	H51
Future/American Financially set CME WEATHE 200	H52
Future/American Financially set CME WEATHE 200	H53
Future/American Financially set CME WEATHE 200	H54
Future/American Financially set CME WEATHE 200	H55
Future/American Financially set CME WEATHE 25	К9
Future/American Financially set CME WEATHE 25	K9J
Future/American Financially set CME WEATHE 25	K9K
Future/American Financially set CME WEATHE 25	K9M
Future/American Financially set CME WEATHE 25	K9N
Future/American Financially set CME WEATHE 25	K9Q
Future/American Financially set CME WEATHE 25	K9U
Future/American Financially set CME WEATHE 25	H9
Future/American Financially set CME WEATHE 25	H9F
Future/American Financially set CME WEATHE 25	H9G
Future/American Financially set CME WEATHE 25	Н9Н
Future/American Financially set CME WEATHE 25	H9V
Future/American Financially set CME WEATHE 25	H9X
Future/American Financially set CME WEATHE 25	H9Z
Future/American Financially set CME WEATHE 200	H91

Future/American I	Financially set CME WEATHE 200	H92
Future/American I	Financially set CME WEATHE 200	H93
Future/American I	Financially set CME WEATHE 200	H94
Future/American I	Financially set CME WEATHE 200	H95
Future/European I	Financially set CME WEATHE 25	KK
Future/American I	Financially set CME WEATHE 25	KKJ
Future/American I	Financially set CME WEATHE 25	KKK
Future/American I	Financially set CME WEATHE 25	KKM
Future/American I	Financially set CME WEATHE 25	KKN
Future/American I	Financially set CME WEATHE 25	KKQ
Future/American I	Financially set CME WEATHE 25	KKU
Future/American I	Financially set CME WEATHE 25	HK
Future/American I	Financially set CME WEATHE 25	HKF
Future/American I	Financially set CME WEATHE 25	HKG
Future/American I	Financially set CME WEATHE 25	HKH
Future/American I	Financially set CME WEATHE 25	HKV
Future/American I	Financially set CME WEATHE 25	HKX
Future/American I	Financially set CME WEATHE 25	HKZ
Future/American I	Financially set CME WEATHE 200	HK1
Future/American I	Financially set CME WEATHE 200	HK2
Future/American I	Financially set CME WEATHE 200	HK3
Future/American I	Financially set CME WEATHE 200	HK4
Future/American I	Financially set CME WEATHE 200	HK5
Future/American I	Financially set CME WEATHE 25	V4
Future/American I	Financially set CME WEATHE 25	V4J
	Financially set CME WEATHE 25	V4K
Future/American I	Financially set CME WEATHE 25	V4M
Future/American I	Financially set CME WEATHE 25	V4N
Future/American I	Financially set CME WEATHE 25	V4Q
Future/American I	Financially set CME WEATHE 25	V4U
Future/American I	Financially set CME WEATHE 25	P4
Future/American I	Financially set CME WEATHE 25	P4J
Future/American I	Financially set CME WEATHE 25	P4K
Future/American I	Financially set CME WEATHE 25	P4M
Future/American I	Financially set CME WEATHE 25	P4N
Future/American I	Financially set CME WEATHE 25	P4Q
Future/American	Financially set CME WEATHE 25	P4U
Future/American I	Financially set CME WEATHE 25	A4
Future/American I	Financially set CME WEATHE 25	A4F
Future/American I	Financially set CME WEATHE 25	A4G
Future/American I	Financially set CME WEATHE 25	A4H
Future/American I	Financially set CME WEATHE 25	A4V
Future/American I	Financially set CME WEATHE 25	A4X
Future/American I	Financially set CME WEATHE 25	A4Z
	Financially set CME WEATHE 25	G4
Future/American I	Financially set CME WEATHE 25	G4J

Future/American	Financially set CME WEA	THE 25	G4K
Future/American	Financially set CME WEA	THE 25	G4M
Future/American	Financially set CME WEA	THE 25	G4N
Future/American	Financially set CME WEA	THE 25	G4Q
Future/American	Financially set CME WEA	THE 25	G4U
Future/American	Financially set CME WEA	THE 25	D4
Future/American	Financially set CME WEA	THE 25	D4F
Future/American	Financially set CME WEA	THE 25	D4G
Future/American	Financially set CME WEA	THE 25	D4H
Future/American	Financially set CME WEA	THE 25	D4V
Future/American	Financially set CME WEA	THE 25	D4X
Future/American	Financially set CME WEA	THE 25	D4Z
Future/American	Financially set CME WEA	THE 25	HJ
Future/American	Financially set CME WEA	THE 25	HJF
Future/American	Financially set CME WEA	THE 25	HJG
Future/American	Financially set CME WEA	THE 25	НЈН
Future/American	Financially set CME WEA	THE 25	HJJ
Future/American	Financially set CME WEA	THE 25	НЈК
Future/American	Financially set CME WEA	THE 25	HJM
Future/American	Financially set CME WEA	THE 25	HJN
Future/American	Financially set CME WEA	THE 25	HJQ
Future/American	Financially set CME WEA	THE 25	HJU
Future/American	Financially set CME WEA	THE 25	HJV
	Financially set CME WEA		HJX
Future/American	Financially set CME WEA	THE 25	HJZ
Future/European	Financially set CME WEA	THE 25	KR
Future/American	Financially set CME WEA	THE 25	KRJ
Future/American	Financially set CME WEA	THE 25	KRK
Future/American	Financially set CME WEA	THE 25	KRM
Future/American	Financially set CME WEA	THE 25	KRN
Future/American	Financially set CME WEA	THE 25	KRQ
Future/American	Financially set CME WEA	THE 25	KRU
Future/American	Financially set CME WEA	THE 25	HR
Future/American	Financially set CME WEA	THE 25	HRF
Future/American	Financially set CME WEA	THE 25	HRG
	Financially set CME WEA		HRH
Future/American	Financially set CME WEA	THE 25	HRV
Future/American	Financially set CME WEA	THE 25	HRX
<u>-</u>	Financially set CME WEA		HRZ
Future/American	Financially set CME WEA	THE 200	HR1
Future/American	Financially set CME WEA	THE 200	HR2
Future/American	Financially set CME WEA	THE 200	HR3
	Financially set CME WEA		HR4
	Financially set CME WEA		HR5
	Financially set CME WEA		A0
	Financially set CME WEA		A0J
Future/American	Financially set CME WEA	THE 25	A0K

Future/American Financially set CME WEATHE 25	A0M
Future/American Financially set CME WEATHE 25	AON
Future/American Financially set CME WEATHE 25	AOQ
Future/American Financially set CME WEATHE 25	A0U
Future/American Financially set CME WEATHE 25	VF
Future/American Financially set CME WEATHE 25	VFF
Future/American Financially set CME WEATHE 25	VFG
Future/American Financially set CME WEATHE 25	VFH
Future/American Financially set CME WEATHE 25	VFV
Future/American Financially set CME WEATHE 25	VFX
Future/American Financially set CME WEATHE 25	VFZ
Future/American Financially set CME WEATHE 200	VF1
Future/American Financially set CME WEATHE 200	VF2
Future/American Financially set CME WEATHE 200	VF3
Future/American Financially set CME WEATHE 200	VF4
Future/American Financially set CME WEATHE 200	VF5
Future/American Financially set CME WEATHE 25	KX
Future/American Financially set CME WEATHE 25	KXJ
Future/American Financially set CME WEATHE 25	KXK
Future/American Financially set CME WEATHE 25	KXM
Future/American Financially set CME WEATHE 25	KXN
Future/American Financially set CME WEATHE 25	KXQ
Future/American Financially set CME WEATHE 25	KXU
Future/American Financially set CME WEATHE 25	HX
Future/American Financially set CME WEATHE 25	HXF
Future/American Financially set CME WEATHE 25	HXG
Future/American Financially set CME WEATHE 25	HXH
Future/American Financially set CME WEATHE 25	HXV
Future/American Financially set CME WEATHE 25	HXX
Future/American Financially set CME WEATHE 25	HXZ
Future/American Financially set CME WEATHE 200	KX1
Future/American Financially set CME WEATHE 200	KX2
Future/American Financially set CME WEATHE 200	KX3
Future/American Financially set CME WEATHE 200	KX4
Future/American Financially set CME WEATHE 200	KX5
Future/American Financially set CME WEATHE 25	КО
Future/American Financially set CME WEATHE 25	KOJ
Future/American Financially set CME WEATHE 25	KOK
Future/American Financially set CME WEATHE 25	KOM
Future/American Financially set CME WEATHE 25	KON
Future/American Financially set CME WEATHE 25	KOQ
Future/American Financially set CME WEATHE 25	KOU
Future/American Financially set CME WEATHE 25	H0
Future/American Financially set CME WEATHE 25	HOF
Future/American Financially set CME WEATHE 25	HOG
Future/American Financially set CME WEATHE 25	НОН
Future/American Financially set CME WEATHE 25	H0V

Future/American	Financially set CME WEATHE 25	H0X
Future/American	Financially set CME WEATHE 25	HOZ
Future/American	Financially set CME WEATHE 200	H01
Future/American	Financially set CME WEATHE 200	H02
Future/American	Financially set CME WEATHE 200	H03
Future/American	Financially set CME WEATHE 200	H04
Future/American	Financially set CME WEATHE 200	H05
Future/American	Financially set CME WEATHE 25	AT
Future/American	Financially set CME WEATHE 25	ATJ
Future/American	Financially set CME WEATHE 25	ATK
Future/American	Financially set CME WEATHE 25	ATM
Future/American	Financially set CME WEATHE 25	ATN
Future/American	Financially set CME WEATHE 25	ATQ
Future/American	Financially set CME WEATHE 25	ATU
Future/American	Financially set CME WEATHE 25	VG
Future/American	Financially set CME WEATHE 25	VGF
Future/American	Financially set CME WEATHE 25	VGG
Future/American	Financially set CME WEATHE 25	VGH
Future/American	Financially set CME WEATHE 25	VGV
Future/American	Financially set CME WEATHE 25	VGX
Future/American	Financially set CME WEATHE 25	VGZ
Future/American	Financially set CME WEATHE 200	VG1
Future/American	Financially set CME WEATHE 200	VG2
Future/American	Financially set CME WEATHE 200	VG3
	Financially set CME WEATHE 200	VG4
	Financially set CME WEATHE 200	VG5
	Financially set CME WEATHE 25	D0
-	Financially set CME WEATHE 25	D0F
	Financially set CME WEATHE 25	D0G
	Financially set CME WEATHE 25	D0H
	Financially set CME WEATHE 25	D0V
-	Financially set CME WEATHE 25	D0X
	Financially set CME WEATHE 25	D0Z
	Financially set CME WEATHE 25	G0
	Financially set CME WEATHE 25	G0J
<u>-</u>	Financially set CME WEATHE 25	G0K
	Financially set CME WEATHE 25	G0M
	Financially set CME WEATHE 25	GON
	Financially set CME WEATHE 25	GOQ
	Financially set CME WEATHE 25	GOU
	Financially set CME WEATHE 25	AH
	Financially set CME WEATHE 25	AHJ
	Financially set CME WEATHE 25	AHK
	Financially set CME WEATHE 25	AHM
	Financially set CME WEATHE 25	AHN
	Financially set CME WEATHE 25	AHQ
	Financially set CME WEATHE 25	AHU
i atai cj American	Thindicially Set Civil WEATHE 25	7.110

Future/American	Financially set CME	WEATHE 25	VH
Future/American	Financially set CME	WEATHE 25	VHF
Future/American	Financially set CME	WEATHE 25	VHG
Future/American	Financially set CME	WEATHE 25	VHH
Future/American	Financially set CME	WEATHE 25	VHV
Future/American	Financially set CME	WEATHE 25	VHX
Future/American	Financially set CME	WEATHE 25	VHZ
Future/American	Financially set CME	WEATHE 25	WVH
Future/American	Financially set CME	WEATHE 200	VH1
Future/American	Financially set CME	WEATHE 200	VH2
Future/American	Financially set CME	WEATHE 200	VH3
Future/American	Financially set CME	WEATHE 200	VH4
Future/American	Financially set CME	WEATHE 200	VH5
Future/American	Financially set CME	WEATHE 25	GQ
Future/American	Financially set CME	WEATHE 25	GQJ
Future/American	Financially set CME	WEATHE 25	GQK
Future/American	Financially set CME	WEATHE 25	GQM
Future/American	Financially set CME	WEATHE 25	GQN
Future/American	Financially set CME	WEATHE 25	GQQ
Future/American	Financially set CME	WEATHE 25	GQU
Future/American	Financially set CME	WEATHE 25	DQ
Future/American	Financially set CME	WEATHE 25	DQF
Future/American	Financially set CME	WEATHE 25	DQG
Future/American	Financially set CME	WEATHE 25	DQH
Future/American	Financially set CME	WEATHE 25	DQV
Future/American	Financially set CME	WEATHE 25	DQX
Future/American	Financially set CME	WEATHE 25	DQZ
Future/American	Financially set CME	WEATHE 25	8T
Future/American	Financially set CME	WEATHE 25	8TF
Future/American	Financially set CME	WEATHE 25	8TG
Future/American	Financially set CME	WEATHE 25	8TH
Future/American	Financially set CME	WEATHE 25	8TV
Future/American	Financially set CME	WEATHE 25	8TX
Future/American	Financially set CME	WEATHE 25	8TZ
Future/American	Financially set CME	WEATHE 25	4F
Future/American	Financially set CME	WEATHE 25	4FJ
Future/American	Financially set CME	WEATHE 25	4FK
	Financially set CME		4FM
Future/American	Financially set CME	WEATHE 25	4FN
Future/American	Financially set CME	WEATHE 25	4FQ
Future/American	Financially set CME	WEATHE 25	4FU
Future/American	Financially set CME	WEATHE 25	KQ
Future/American	Financially set CME	WEATHE 25	KQJ
Future/American	Financially set CME	WEATHE 25	KQK
Future/American	Financially set CME	WEATHE 25	KQM
Future/American	Financially set CME	WEATHE 25	KQN
Future/American	Financially set CME	WEATHE 25	KQQ

Future/American	Financially	set CME	WEATHE 25	KQU
Future/American	Financially	set CME	WEATHE 25	HQ
Future/American	Financially	set CME	WEATHE 25	HQF
Future/American	Financially	set CME	WEATHE 25	HQG
Future/American	Financially :	set CME	WEATHE 25	HQH
Future/American	Financially :	set CME	WEATHE 25	HQV
Future/American	Financially :	set CME	WEATHE 25	HQX
Future/American	Financially :	set CME	WEATHE 25	HQZ
Future/American	Financially :	set CME	WEATHE 200	HQ1
Future	Financially	set CME	WEATHE 200	HQ2
Future/American	Financially :	set CME	WEATHE 200	HQ3
Future/American	Financially	set CME	WEATHE 200	HQ4
	•		WEATHE 200	HQ5
Future/American	-			V5
Future/American	•			V5J
Future/American	•			V5K
Future/American	-			V5M
Future/American				V5N
Future/American				V5Q
Future/American	•			V5U
Future/American	•			P5
Future/American	•			P5J
Future/American	-			P5K
Future/American	-			P5M
Future/American	•			P5N
Future/American				P5Q
Future/American	•			P5U
	•			A5
Future/American	•			
Future/American	-			A5F
Future/American				A5G
Future/American	•			A5H
Future/American	-			A5V
Future/American	•			A5X
Future/American	•			A5Z
Future/American	•			H43
Future/American	•			H44
Future/American	•			K4
Future/American	•			K4J
Future/American	•			K4K
Future/American	•			K4M
Future/American	Financially	set CME	WEATHE 25	K4N
Future/American	Financially	set CME	WEATHE 25	K4Q
Future/American	Financially	set CME	WEATHE 25	K4U
Future/American	Financially	set CME	WEATHE 25	H4
Future/American	Financially	set CME	WEATHE 25	H4F
Future/American	Financially	set CME	WEATHE 25	H4G
Future/American	Financially	set CME	WEATHE 25	H4H

Future/American	Financially set CME	WEATHE 25	H4V
Future/American	Financially set CME	WEATHE 25	H4X
Future/American	Financially set CME	WEATHE 25	H4Z
Future/American	Financially set CME	WEATHE 200	H41
Future/American	Financially set CME	WEATHE 200	H42
Future/American	Financially set CME	WEATHE 200	H45
Future/American	Financially set CME	WEATHE 25	G7
Future/American	Financially set CME	WEATHE 25	G7F
Future/American	Financially set CME	WEATHE 25	G7G
Future/American	Financially set CME	WEATHE 25	G7H
Future/American	Financially set CME	WEATHE 25	G7J
Future/American	Financially set CME	WEATHE 25	G7K
Future/American	Financially set CME	WEATHE 25	G7M
Future/American	Financially set CME	WEATHE 25	G7N
Future/American	Financially set CME	WEATHE 25	G7Q
Future/American	Financially set CME	WEATHE 25	G7U
Future/American	Financially set CME	WEATHE 25	G7V
Future/American	Financially set CME	WEATHE 25	G7X
Future/American	Financially set CME	WEATHE 25	G7Z
Future/American	Financially set CME	WEATHE 25	V7
Future/American	Financially set CME	WEATHE 25	HL
	Financially set CME		HLJ
	Financially set CME		HLK
	Financially set CME		HLM
	Financially set CME		HLN
	Financially set CME		HLQ
	Financially set CME		HLU
	Financially set CME		D6
	Financially set CME		D6F
·	Financially set CME		D6G
<u>-</u>	Financially set CME		D6H
	Financially set CME		D6V
	Financially set CME		D6X
	Financially set CME		D6Z
	Financially set CME		G1
	Financially set CME		G1J
	Financially set CME		G1K
	Financially set CME		G1M
•	Financially set CME		G1N
	Financially set CME		G1Q
	Financially set CME		G1U
	Financially set CME		D1
	Financially set CME		D1F
	Financially set CME		D1G
	Financially set CME		D1H
	Financially set CME		D1V
	Financially set CME		D1X
i atarc/American	i manciany set civil	WVLAIIIL 2J	DIA

Future/American Financially set CME WEATHE 25	D1Z
Future/American Financially set CME WEATHE 25	К6
Future/American Financially set CME WEATHE 25	K6J
Future/American Financially set CME WEATHE 25	K6K
Future/American Financially set CME WEATHE 25	K6M
Future/American Financially set CME WEATHE 25	K6N
Future/American Financially set CME WEATHE 25	K6Q
Future/American Financially set CME WEATHE 25	K6U
Future/American Financially set CME WEATHE 25	H6
Future/American Financially set CME WEATHE 25	H6F
Future/American Financially set CME WEATHE 25	H6G
Future/American Financially set CME WEATHE 25	Н6Н
Future/American Financially set CME WEATHE 25	H6V
Future/American Financially set CME WEATHE 25	H6X
Future/American Financially set CME WEATHE 25	H6Z
Future/American Financially set CME WEATHE 200	H61
Future/American Financially set CME WEATHE 200	H62
Future/American Financially set CME WEATHE 200	H63
Future/American Financially set CME WEATHE 200	H64
Future/American Financially set CME WEATHE 200	H65
Future/American Financially set CME WEATHE 25	K7
Future/American Financially set CME WEATHE 25	K7J
Future/American Financially set CME WEATHE 25	K7K
Future/American Financially set CME WEATHE 25	K7M
Future/American Financially set CME WEATHE 25	K7N
Future/American Financially set CME WEATHE 25	K7Q
Future/American Financially set CME WEATHE 25	K7U
Future/American Financially set CME WEATHE 25	H7
Future/American Financially set CME WEATHE 25	H7F
Future/American Financially set CME WEATHE 25	H7G
Future/American Financially set CME WEATHE 25	Н7Н
Future/American Financially set CME WEATHE 25	H7V
Future/American Financially set CME WEATHE 25	H7X
Future/American Financially set CME WEATHE 25	H7Z
Future/American Financially set CME WEATHE 25	WH7
Future/American Financially set CME WEATHE 200	H71
Future/American Financially set CME WEATHE 200	H72
Future/American Financially set CME WEATHE 200	H73
Future/American Financially set CME WEATHE 200	H74
Future/American Financially set CME WEATHE 200	H75
Future/American Financially set CME WEATHE 25	В7
Future/American Financially set CME WEATHE 25	В7Ј
Future/American Financially set CME WEATHE 25	В7К
Future/American Financially set CME WEATHE 25	B7M
Future/American Financially set CME WEATHE 25	B7N
Future/American Financially set CME WEATHE 25	B7Q
Future/American Financially set CME WEATHE 25	B7U
•	

Future/American Financially set CME WEATHE 25	D7
Future/American Financially set CME WEATHE 25	D7F
Future/American Financially set CME WEATHE 25	D7G
Future/American Financially set CME WEATHE 25	D7H
Future/American Financially set CME WEATHE 25	D7V
Future/American Financially set CME WEATHE 25	D7X
Future/American Financially set CME WEATHE 25	D7Z
Future/American Financially set CME WEATHE 25	AK
Future/American Financially set CME WEATHE 25	AKJ
Future/American Financially set CME WEATHE 25	AKK
Future/American Financially set CME WEATHE 25	AKM
Future/American Financially set CME WEATHE 25	AKN
Future/American Financially set CME WEATHE 25	AKQ
Future/American Financially set CME WEATHE 25	AKU
Future/American Financially set CME WEATHE 25	VK
Future/American Financially set CME WEATHE 25	VKF
Future/American Financially set CME WEATHE 25	VKG
Future/American Financially set CME WEATHE 25	VKH
Future/American Financially set CME WEATHE 25	VKV
Future/American Financially set CME WEATHE 25	VKX
Future/American Financially set CME WEATHE 25	VKZ
Future/American Financially set CME WEATHE 200	VK1
•	VK2
Future / American Financially set CME WEATHE 200	
Future/American Financially set CME WEATHE 200	VK3
Future/American Financially set CME WEATHE 200	VK4
Future/American Financially set CME WEATHE 200	VK5
Future/American Financially set CME WEATHE 25	G9
Future/American Financially set CME WEATHE 25	G9J
Future/American Financially set CME WEATHE 25	G9K
Future/American Financially set CME WEATHE 25	G9M
Future/American Financially set CME WEATHE 25	G9N
Future/American Financially set CME WEATHE 25	G9Q
Future/American Financially set CME WEATHE 25	G9U
Future/American Financially set CME WEATHE 25	D9
Future/American Financially set CME WEATHE 25	D9F
Future/American Financially set CME WEATHE 25	D9G
Future/American Financially set CME WEATHE 25	D9H
Future/American Financially set CME WEATHE 25	D9V
Future/American Financially set CME WEATHE 25	D9X
Future/American Financially set CME WEATHE 25	D9Z
Future/American Financially set CME WEATHE 25	KU
Future/American Financially set CME WEATHE 25	KUJ
Future/American Financially set CME WEATHE 25	KUK
Future/American Financially set CME WEATHE 25	KUM
Future/American Financially set CME WEATHE 25	KUN
Future/American Financially set CME WEATHE 25	KUQ
	•

1	Future/American	Financially set CM	E WEATHE 25	KUU
	Future/American	Financially set CM	E WEATHE 25	HA
1	Future/American	Financially set CM	E WEATHE 25	HAF
	Future/American	Financially set CM	E WEATHE 25	HAG
1	Future/American	Financially set CM	E WEATHE 25	HAH
ı	Future/American	Financially set CM	E WEATHE 25	HAV
ı	Future/American	Financially set CM	E WEATHE 25	HAX
	Future/American	Financially set CM	E WEATHE 25	HAZ
1	Future/American	Financially set CM	E WEATHE 25	KS
1	Future/American	Financially set CM	E WEATHE 25	KSJ
1	Future/American	Financially set CM	E WEATHE 25	KSK
1	Future/American	Financially set CM	E WEATHE 25	KSM
	Future/American	Financially set CM	E WEATHE 25	KSN
	Future/American	Financially set CM	E WEATHE 25	KSQ
	Future/American	Financially set CM	E WEATHE 25	KSU
	Future/American	Financially set CM	E WEATHE 25	HS
1	Future/American	Financially set CM	E WEATHE 25	HSF
1	Future/American	Financially set CM	E WEATHE 25	HSG
	Future/American	Financially set CM	E WEATHE 25	HSH
1	Future/American	Financially set CM	E WEATHE 25	HSV
1	Future/American	Financially set CM	E WEATHE 25	HSX
-	Future/American	Financially set CM	E WEATHE 25	HSZ
	Future/American	Financially set CM	E WEATHE 200	HA1
1	Future/American	Financially set CM	E WEATHE 200	HA2
1	Future/American	Financially set CM	E WEATHE 200	HA3
1	Future/American	Financially set CM	E WEATHE 200	HA4
	Future/American	Financially set CM	E WEATHE 200	HA5
1	Future/American	Financially set CM	E WEATHE 200	HA5
-	Future/American	Financially set CM	E WEATHE 200	KS1
1	Future/American	Financially set CM	E WEATHE 200	KS2
1	Future/American	Financially set CM	E WEATHE 200	KS3
-	Future/American	Financially set CM	E WEATHE 200	KS4
	Future/American	Financially set CM	E WEATHE 200	KS5
1	Future/American	Financially set CM	E WEATHE 25	G5
1	Future/American	Financially set CM	E WEATHE 25	G5J
	Future/American	Financially set CM	E WEATHE 25	G5K
1	Future/American	Financially set CM	E WEATHE 25	G5M
-	Future/American	Financially set CM	E WEATHE 25	G5N
	Future/American	Financially set CM	E WEATHE 25	G5Q
-	Future/American	Financially set CM	E WEATHE 25	G5U
-	Future/American	Financially set CM	E WEATHE 25	D5
1	Future/American	Financially set CM	E WEATHE 25	D5F
	Future/American	Financially set CM	E WEATHE 25	D5G
1	Future/American	Financially set CM	E WEATHE 25	D5H
1	Future/American	Financially set CM	E WEATHE 25	D5V
		Financially set CM		D5X
	Future/American	Financially set CM	E WEATHE 25	D5Z

Future/American	Financially set CME WEATHE 25	6T
Future/American	Financially set CME WEATHE 25	6TF
Future/American	Financially set CME WEATHE 25	6TG
Future/American	Financially set CME WEATHE 25	6TH
Future/American	Financially set CME WEATHE 25	6TV
Future/American	Financially set CME WEATHE 25	6TX
Future/American	Financially set CME WEATHE 25	6TZ
Future/American	Financially set CME WEATHE 25	2F
Future/American	Financially set CME WEATHE 25	2FJ
Future/American	Financially set CME WEATHE 25	2FK
Future/American	Financially set CME WEATHE 25	2FM
Future/American	Financially set CME WEATHE 25	2FN
Future/American	Financially set CME WEATHE 25	2FQ
Future/American	Financially set CME WEATHE 25	2FU
Future/American	Financially set CME WEATHE 25	G6
	Financially set CME WEATHE 25	G6F
	Financially set CME WEATHE 25	G6G
	Financially set CME WEATHE 25	G6H
	Financially set CME WEATHE 25	G6J
	Financially set CME WEATHE 25	G6K
	Financially set CME WEATHE 25	G6M
	Financially set CME WEATHE 25	G6N
	Financially set CME WEATHE 25	G6Q
	Financially set CME WEATHE 25	G6U
	Financially set CME WEATHE 25	G6V
	Financially set CME WEATHE 25	G6X
	Financially set CME WEATHE 25	G6Z
	Financially set CME WEATHE 25	V6
	Financially set CME WEATHE 25	V1
•	Financially set CME WEATHE 25	V1J
	Financially set CME WEATHE 25	V1K
	Financially set CME WEATHE 25	V1M
	Financially set CME WEATHE 25	V1N
<u>-</u>	Financially set CME WEATHE 25	V1Q
<u>-</u>	Financially set CME WEATHE 25	V1U
	Financially set CME WEATHE 25	P7
	Financially set CME WEATHE 25	P7J
<u>-</u>	Financially set CME WEATHE 25	P7K
	Financially set CME WEATHE 25	P7M
	Financially set CME WEATHE 25	P7N
	Financially set CME WEATHE 25	P7Q
	Financially set CME WEATHE 25	P7U
	Financially set CME WEATHE 25	A7
	Financially set CME WEATHE 25	A7F
	Financially set CME WEATHE 25	A7G
	Financially set CME WEATHE 25	A7H
ruture/American	Financially set CME WEATHE 25	A7V

Future/American	Financially set (	CME WE	EATHE 25	A7X	
Future/American	Financially set (	CME WE	ATHE 25	A7Z	
Future/American	Financially set (	CME WE	ATHE 25	K8	
Future/American	Financially set (	CME WE	EATHE 25	K8J	
Future/American	Financially set (	CME WE	EATHE 25	K8K	
Future/American	Financially set (	CME WE	EATHE 25	K8M	
Future/American	Financially set (	CME WE	ATHE 25	K8N	
Future/American	Financially set (	CME WE	ATHE 25	K8Q	
Future/American	Financially set (	CME WE	EATHE 25	K8U	
Future/American	Financially set (	CME WE	EATHE 25	H8	
Future/American	Financially set (	CME WE	EATHE 25	H8F	
Future/American	Financially set (	CME WE	EATHE 25	H8G	
Future/American	Financially set (	CME WE	EATHE 25	H8H	
Future/American	Financially set (	CME WE	EATHE 25	H8V	
Future/American	Financially set (	CME WE	EATHE 25	H8X	
Future/American	Financially set (	CME WE	ATHE 25	H8Z	
Future/American	Financially set (	CME WE	EATHE 200	H81	
Future/American	Financially set (	CME WE	EATHE 200	H82	
Future/American	Financially set (	CME WE	ATHE 200	H83	
Future/American	Financially set (	CME WE	EATHE 200	H84	
Future/American	Financially set (	CME WE	EATHE 200	H85	
Future/American	Financially set (	CME WE	EATHE 25	V8	
Future/American	Financially set (	CME WE	ATHE 25	V8J	
Future/American	Financially set (	CME WE	EATHE 25	V8K	
Future/American	Financially set (	CME WE	ATHE 25	V8M	
Future/American	Financially set (	CME WE	ATHE 25	V8N	
Future/American	Financially set (	CME WE	ATHE 25	V8Q	
Future/American	Financially set (	CME WE	ATHE 25	V8U	
Future/American	Financially set (	CME WE	ATHE 25	P8	
Future/American	Financially set (	CME WE	ATHE 25	P8J	
Future/American	Financially set (	CME WE	EATHE 25	P8K	
Future/American	Financially set (	CME WE	ATHE 25	P8M	
Future/American	Financially set (	CME WE	ATHE 25	P8N	
Future/American	Financially set (	CME WE	ATHE 25	P8Q	
Future/American	Financially set (	CME WE	ATHE 25	P8U	
Future/American	Financially set (	CME WE	ATHE 25	A8	
Future/American	Financially set (	CME WE	EATHE 25	A8F	
Future/American	Financially set (	CME WE	ATHE 25	A8G	
Future/American	Financially set (	CME WE	ATHE 25	A8H	
Future/American	Financially set (	CME WE	EATHE 25	A8V	
Future/American	Financially set (	CME WE	ATHE 25	A8X	
Future/American	Financially set (	CME WE	EATHE 25	A8Z	
Future/American	Financially set (	CME WE	ATHE 25	AU	
Future/American	Financially set (	CME WE	ATHE 25	AUJ	
Future/American	Financially set (	CME WE	EATHE 25	AUK	
Future/American	Financially set (	CME WE	ATHE 25	AUM	
Future/American	Financially set (	CME WE	EATHE 25	AUN	

Future/American Financially set CME WEATHE 25	AUQ	
Future/American Financially set CME WEATHE 25	AUU	
Future/American Financially set CME WEATHE 25	VU	
Future/American Financially set CME WEATHE 25	VUF	
Future/American Financially set CME WEATHE 25	VUG	
Future/American Financially set CME WEATHE 25	VUH	
Future/American Financially set CME WEATHE 25	VUV	
Future/American Financially set CME WEATHE 25	VUX	
Future/American Financially set CME WEATHE 25	VUZ	
Future/American Financially set CME WEATHE 200	VU2	
Future/American Financially set CME WEATHE 200	VU4	
Future/American Financially set CME WEATHE 200	VU1	
Future/American Financially set CME WEATHE 200	VU3	
Future/American Financially set CME WEATHE 200	VU5	
Future/American Financially set CME WEATHE 25	V9	
Future/American Financially set CME WEATHE 25	V9J	
Future/American Financially set CME WEATHE 25	V9K	
Future/American Financially set CME WEATHE 25	V9M	
Future/American Financially set CME WEATHE 25	V9N	
Future/American Financially set CME WEATHE 25	V9Q	
Future/American Financially set CME WEATHE 25	V9U	
Future/American Financially set CME WEATHE 25	P9	
Future/American Financially set CME WEATHE 25	P9J	
Future/American Financially set CME WEATHE 25	P9K	
Future/American Financially set CME WEATHE 25	P9M	
Future/American Financially set CME WEATHE 25	P9N	
Future/American Financially set CME WEATHE 25	P9Q	
Future/American Financially set CME WEATHE 25	P9U	
Future/American Financially set CME WEATHE 25	A9	
Future/American Financially set CME WEATHE 25	A9F	
Future/American Financially set CME WEATHE 25	A9G	
Future/American Financially set CME WEATHE 25	A9H	
Future/American Financially set CME WEATHE 25	A9V	
Future/American Financially set CME WEATHE 25	A9X	
Future/American Financially set CME WEATHE 25	A9Z	

All Month All Month Aggregate Accountability Ratio Into Level (In Net Net Futures Putures Equivalents) Leg Equivalents Leg (1)  All Month Aggregate Tutures Equivalents Leg (2)  Equivalents Leg (1)  Leg (2)  10,000				
10,000 10,000	Ratio Into Futures	All Month Aggregate Ratio Into Futures Equivalents	Accountability Level (In Net Futures Equivalents) Leg	Net Futures Equivalents) Leg
10.000				10,000 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- \_\_\_\_\_\_
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,00
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 40.004
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000
- 10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000

10,000 10,000

10,000

10,000

10,000

10,000

		Commodity	
Contract Name	Rule Chapter	Code	Contract Size
LONG TERM US TREASURY BOND	40 & 40A	UBE	100,000
LONG TERM US TREASURY BOND wk 1 opt	<u>40A</u>	UL1	1
LONG TERM US TREASURY BOND wk 2 opt	<u>40A</u>	UL2	1
LONG TERM US TREASURY BOND wk 3 opt	<u>40A</u>	UL3	1
LONG TERM US TREASURY BOND wk 4 opt	<u>40A</u>	UL4	1
LONG TERM US TREASURY BOND wk 5 opt	<u>40A</u>	UL5	1
Flexible Options on Long-Term U.S. Treasury Bond	<u>40B</u>	97	1
Flexible European options on Long-Term U.S. Treasur	'y <u>40B</u>	98	1
U.S TREASURY BOND	<u>18 &amp; 18A</u>	17	100,000
30Y U.S TREASURY BOND wk 1 opt	<u>18A</u>	US1	1
30Y U.S TREASURY BOND wk 2 opt	<u>18A</u>	US2	1
30Y U.S TREASURY BOND wk 3 opt	<u>18A</u>	US3	1
30Y U.S TREASURY BOND wk 4 opt	<u>18A</u>	US4	1
30Y U.S TREASURY BOND wk 5 opt	<u>18A</u>	US5	1
Flexible Options on U.S. Treasury Bond Futures	<u>18B</u>	52	1
Flexible European options on U.S. Treasury Bond Fut	u <u>18B</u>	53	1
30-YR INTEREST RATE SWAP	25 & 25A	13	100,000
30-YR US DOLLAR INTEREST RATE Swap future	<u>54</u>	B1U	100,000
Long-Term U.S. Treasury Note (6½ to 10-Year)	<u>19 &amp; 19A</u>	21	100,000
10YR US TREASURY NOTE wk 1 opt	<u>19A</u>	TY1	1
10YR US TREASURY NOTE wk 2 opt	<u>19A</u>	TY2	1
10YR US TREASURY NOTE wk 3 opt	<u>19A</u>	TY3	1
10YR US TREASURY NOTE wk 4 opt	<u>19A</u>	TY4	1
10YR US TREASURY NOTE wk 5 opt	<u>19A</u>	TY5	1
Flexible Options on Long-Term U.S. Treasury Note	19B	54	1
Flexible European options on Long-Term U.S. Treasur	7 <u>19B</u>	55	1
10-YR INTEREST RATE SWAP	23 & 23A	66	100,000
10-YR US DOLLAR INTEREST RATE Swap future	<u>53</u>	N1U	100,000
10-Year On-the-Run Treasury Yield	44	TEN	100,000
7-YR INTEREST RATE SWAP	<u>38 &amp; 38A</u>	71	100,000
Medium-Term U.S. Treasury Note (5-Year)	20 & 20A	25	100,000
5 YR TREASURY NOTE wk 1 opt	20A	FV1	1
5 YR TREASURY NOTE wk 2 opt	20A	FV2	1
5 YR TREASURY NOTE wk 3 opt	20A	FV3	1
5 YR TREASURY NOTE wk 4 opt	20A	FV4	1
5 YR TREASURY NOTE wk 5 opt	20A	FV5	1
Flexible European options on Medium-Term U.S. Tre		57	1
Flexible Options on Medium-Term U.S. Treasury Note		60	1
5-Year On-the-Run Treasury Yield	<u>43</u>	FIV	100,000
5 rear on the han freadary field	<u></u>	. I V	100,000

24 & 24A	NG	100,000
<u>52</u>	F1U	100,000
<u>39</u>	3YR	200,000
21 & 21A	26	200,000
<u>21A</u>	TW1	1
<u>21A</u>	TW2	1
<u>21A</u>	TW3	1
<u>21A</u>	TW4	1
<u>21A</u>	TW5	1
<u>21B</u>	58	1
r <u>21B</u>	59	1
<u>51</u>	T1U	100,000
<u>42</u>	TWO	100,000
22 & 22A	41	5,000,000
<u>22A</u>	FF1	1
<u>22A</u>	FF6	1
	52 39 21 & 21A 21A 21A 21A 21A 21A 21B r 21B 51 42 22 & 22A	52 F1U 39 3YR 21 & 21A 26 21A TW1 21A TW2 21A TW3 21A TW4 21A TW5 21B 58 r 21B 59 51 T1U 42 TWO 22 & 22A 41 22A FF1

Contract Units	Tuno	Settlement	Group	Reporting Level	Single Month Aggregate Into Futures Equivalent Leg
Contract Units	Type		Group		(1)
		(Physically delivered future &			UBE
	F American option	• • •			UBE
LONG TERM US TO	•	Exercisable into physically d			UBE
LONG TERM US TO	•	Exercisable into physically d			UBE
LONG TERM US TO	•	Exercisable into physically d			UBE
LONG TERM US TE	•	Exercisable into physically d			UBE
LONG TERM US TE	•	Exercisable into physically d			UBE
LONG TERM US TE	•	Exercisable into physically d			UBE
		Physically delivered future 8			17
U.S TREASURY BO	•	Exercisable into physically d			17
U.S TREASURY BO	•	Exercisable into physically d			17
U.S TREASURY BO	•	Exercisable into physically d			17
U.S TREASURY BO	•	Exercisable into physically d			17
U.S TREASURY BO	•	Exercisable into physically d			17
U.S TREASURY BO	American option	Exercisable into physically d			17
U.S TREASURY BO	European option	Exercisable into physically d	l∈CBT INTEREST	25	17
30-year interest ra	a Swap future/Euro	$ ho_l$ Financially settled swap fut	u CBT INTEREST	500	13
30-year interest ra	a Swap future	Physically delivered swap fu	IT CBT INTEREST	1	B1U
US dollars face va	l Future/American	Physically delivered future 8	3 CBT INTEREST	2000	21
Long-Term U.S. Tr	American option	Exercisable into physically d	ICBT INTEREST	25	21
Long-Term U.S. Tr	American option	Exercisable into physically d	l∈CBT INTEREST	25	21
Long-Term U.S. Tr	American option	Exercisable into physically d	l∈CBT INTEREST	25	21
Long-Term U.S. Tr	American option	Exercisable into physically d	l∈CBT INTEREST	25	21
Long-Term U.S. Tr	American option	Exercisable into physically d	l∈CBT INTEREST	25	21
Long-Term U.S. Tr	American option	Exercisable into physically d	l∈CBT INTEREST	25	21
Long-Term U.S. Tr	European option	Exercisable into physically d	GET INTEREST	25	21
10 yr interest rate	Swap future/Euro	ol Financially settled swap futi	u CBT INTEREST	500	66
10 yr interest rate	Swap futures	Physically delivered swap fu	I CBT INTEREST	1	N1U
10 yr treasury not	Futures	Financially settled future	CBT INTEREST	25	44
7 yr interest rate s	s Swap future/Euro	Financially settled future	CBT INTEREST	25	71
US dollars face va	l Future/American	Physically delivered future 8	S CBT INTEREST	2000	25
Medium-Term U.S	S American option	Exercisable into physically d	CBT INTEREST	25	25
Medium-Term U.S	S American option	Exercisable into physically d	CBT INTEREST	25	25
Medium-Term U.S	· ·	Exercisable into physically d			25
Medium-Term U.S	•	Exercisable into physically d			25
Medium-Term U.S	•	Exercisable into physically d			25
Medium-Term U.S	•	Exercisable into physically d			25
Medium-Term U.S		Exercisable into physically d			25
5 yr treasury note	•	Financially settled futures	CBT INTEREST		FIV
, , , , , ,		,			

5 yr interest rate s Swap future/Euro  Financially settled swap futu CBT INTEREST 500						
5 yr interest rate s Swap futures	Physically delivered swap ful CBT INTEREST 1	F1U				
US dollars face val Future	Physically delivered future CBT INTEREST 750	3YR				
US dollars face val Future/American	Physically delivered future & CBT INTEREST 1000	26				
Short-Term U.S. Tr American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Tr American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Ti American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Ti American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Tr American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Ti American option	Exercisable into physically de CBT INTEREST 25	26				
Short-Term U.S. Ti European option	Exercisable into physically de CBT INTEREST 25	26				
2 yr interest rate s Swap futures	Physically delivered swap ful CBT INTEREST 1	T1U				
2 yr treasury note Future	Financially settled futures CBT INTEREST 25	TWO				
US Dollars Future/American	Financially settled future & c CBT INTEREST 600	41				
30-DAY FEDERAL F American option	Exercisable in financially sett CBT INTEREST 25	41				
30-DAY FEDERAL F American option	Exercisable in financially sett CBT INTEREST 25	41				

	Single Month				
Single Month				Single Month	All Month Limit
Aggregate Into	Single Month		Single Month	Limit (In Net	Aggregate Into
Futures	Aggregate	Single Month	Accountability Level (In	Futures	Futures
Equivalent Leg	Ratio Into Leg	Aggregate Ratio	Net Futures Equivalents)		Equivalent Leg
(2)	(1)	Into Leg (2)	Leg (1) / Leg (2)	(1) / Leg (2)	(1)
			10,000		UBE
			10,000		UBE
			10,000		UBE
			10,000		UBE
			10,000		UBE
			10,000		UBE UBE
			10,000 10,000		UBE
			10,000		17
			10,000		17
			10,000		17
			10,000		17
			10,000		17
			10,000		17
			10,000		17
			10,000		17
			5,000		13
			5,000		B1U
			7,500		21
			7,500		21
			7,500		21
			7,500		21
			7,500		21
			7,500		21
			7,500		<ul><li>21</li><li>21</li></ul>
			7,500 5,000		66
			5,000		N1U
			7,500		44
			5,000		71
			7,500		25
			7,500		25
			7,500		25
			7,500		25
			7,500		25
			7,500		25
			7,500		25
			7,500		25
			7,500		FIV

5,000	NG
5,000	F1U
7,500	3YR
7,500	26
7,500	26
7,500	26
7,500	26
7,500	26
7,500	26
7,500	26
7,500	26
5,000	T1U
7,500	TWO
3,000	41
3,000	41
3,000	41

		All Month		
	All Month	All Month		
	Aggregate	Aggregate	All Month	
All Month Limit	Ratio Into	Ratio Into	Accountability Level (In	All Month Limit (In
Aggregate Into	Futures	Futures	Net Futures	Net Futures
Futures Equivalent	Equivalents	Equivalents	Equivalents) Leg (1) /	Equivalents) Leg (1) /
Leg (2)	Leg (1)	Leg (2)	Leg (2)	Leg (2)

10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 10,000 5,000 5,000 7,500 7,500 7,500 7,500 7,500 7,500 7,500 7,500 5,000 5,000 7,500 5,000 7,500 7,500 7,500 7,500 7,500 7,500 7,500 7,500

5,000

5,000

7,500

7,500

7,500

7,500

7,500

7,500

7,500

7,500

7,500

5,000

7,500

3,000

3,000

Contract Name	Rule Chapter
CORN	10 & 10A
Corn - Registered and Outstanding Shipping Certificates	10
CORN wk 1 opt	<u>10A</u>
Corn wk 2 opt	<u>10A</u>
CORN wk 3 opt	10A
CORN wk 4 opt	10A
CORN wk 5 opt	10A
Short Dated Options on New Crop CORN	10A
Mini-Sized CORN	10B
CORN CALENDAR SWAPS (Clearing Only)	10C
JULY-DEC CORN Calendar Spread	10J
DEC-DEC CORN Calendar Spread	10J
Consecutive CORN Calendar Spread	10J
DEC-JULY CORN Calendar Spread	10J
DISTILLERS DRIED GRAIN	41
Distillers Dried Grain - Registered and Outstanding Shipping Certificates	41
Denatured Fuel Ethanol	16 & 16A
Denatured Fuel Ethanol Forward Month Swaps	<u>16C</u>
Cash Settled Options on Denatured Fuel Ethanol Forward Month Swap	<u>16D</u>
OATS	15 & 15A
Oats - Registered and Outstanding Shipping Certificates	<u>15</u>
ROUGH RICE	<u>17 &amp; 17A</u>
Rough Rice - Registered and Outstanding Warehouse Receipts	<u>17</u>
Soybean Corn Intercommodity Ratio Options	<u>10M</u>
SOYBEAN	<u>11 &amp; 11A</u>
Soybean - Registered and Outstanding Shipping Certificates	<u>11</u>
SOYBEAN wk 1 opt	<u>11A</u>
SOYBEAN wk 2 opt	<u>11A</u>
SOYBEAN wk 3 opt	<u>11A</u>
SOYBEAN wk 4 opt	<u>11A</u>
SOYBEAN wk 5 opt	<u>11A</u>
Short Dated Options on New Crop Soybean Futures	<u>11A</u>
Mini-Sized Soybean	<u>11B</u>
Soybean Board Crush Spread	<u>11C</u>
SOYBEAN CALENDAR SWAPS (Clearing Only)	<u>11D</u>
JAN-MAY SOYBEAN Calendar Spread	<u>11E</u>
MAR-JULY SOYBEAN Calendar Spread	<u>11E</u>
MAR-JULY SOYBEAN Calendar Spread	<u>11E</u>
AUG-NOV SOYBEAN Calendar Spread	<u>11E</u>

JULY-NOV SOYBEAN Calendar Spread	<u>11E</u>
JULY-NOV SOYBEAN Calendar Spread	<u>11E</u>
JULY-DEC SOYBEAN Calendar Spread	<u>11E</u>
NOV-NOV SOYBEAN Calendar Spread	<u>11E</u>
NOV-JULY SOYBEAN Calendar Spread	<u>11E</u>
Consecutive Soybean Calendar Spread Option	<u>11E</u>
SOYBEAN MEAL	13 & 13A
Soybean Meal - Registered and Outstanding Shipping Certificates	<u>13</u>
SOYBEAN MEAL wk 1 opt	<u>13A</u>
SOYBEAN MEAL wk 2 opt	<u>13A</u>
SOYBEAN MEAL wk 3 opt	<u>13A</u>
SOYBEAN MEAL wk 4 opt	<u>13A</u>
SOYBEAN MEAL wk 5 opt	<u>13A</u>
NEARBY SOYBEAN MEAL Calendar Spread	<u>13B</u>
JULY-DEC SOYMEAL Calendar Spread	<u>13B</u>
SOYBEAN OIL	12 & 12A
Soybean Oil - Registered and Outstanding Warehouse Receipts	<u>12</u>
SOYBEAN OIL wk 1 opt	<u>12A</u>
SOYBEAN OIL wk 2 opt	<u>12A</u>
SOYBEAN OIL wk 3 opt	12A
SOYBEAN OIL wk 4 opt	12A
SOYBEAN OIL wk 5 opt	12A
NEARBY SOYBN OIL Calendar Spread	12B
JULY-DEC SOYBN OIL Calendar Spread	12B
JULY-DEC SOYBN OIL Calendar Spread	12B
BLACK SEA WHEAT	33
WHEAT	14 & 14A
Wheat - Registered and Outstanding Shipping Certificates	14
WHEAT wk 1 opt	<u> 14A</u>
WHEAT wk 2 opt	14A
WHEAT wk 3 opt	<u>14A</u>
WHEAT wk 4 opt	14A
WHEAT wk 5 opt	<u>14A</u>
SHORT DATED NEW CROP WHEAT	<u>14A</u>
Mini-Sized Wheat	14B
WHEAT CALENDAR SWAPS (Clearing Only)	14C
JULY-JULY WHEAT Calendar Spread	14D
JULY-DEC WHEAT Calendar Spread	14D
DEC-JULY WHEAT Calendar Spread	14D
NEARBY WHEAT Calendar Spread	14D
MGEX-CBOT Wheat Spread Options	14E
Wheat–Corn Intercommodity Spread Options	10N
Dow Jones – UBS Excess Return Commodity Index	<del>29</del>
DOW JONES-UBS COMMODITY INDEX SWAP	<u>29A</u>
DJ-UBS CIER 2-MONTH FWD INDEX SWAP	29B
DJ-UBS CIER 3-MONTH FWD INDEX SWAP	29C
55 555 SER 5 MOMINITOR MEDER STAN	<u></u>

						Diminishing
Commodity	Contract	Contract				Balance
Code	Size	Units	Type	Settlement	Group	Contract
C		bushels	Future/American opti		•	
	-	bushels	Certificates	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	CBT COMMOI	
PY1	•		e American option	Exercisable into	CBT COMMOI	OITY
PY2			e American option	Exercisable into	CBT COMMOI	OITY
PY3	1	. corn futur	e American option	Exercisable into	CBT COMMO	OITY
PY4	1	. corn futur	e American option	Exercisable into	CBT COMMO	OITY
PY5	1	. corn futur	e American option	Exercisable into	CBT COMMO	OITY
CDF	1	one Corn f	fu American option	Exercisable into	CBT COMMO	OITY
YC	1,000	bushels	Future	Physically delive	CBT COMMO	OITY
CCS	5,000	bushels	Swap	Financially settle	CBT COMMO	OITY
CC6	2	one Corn f	ft European option	Exercisable into	CBT COMMO	OITY
CCZ	2	one Corn f	ft European option	Exercisable into	CBT COMMO	OITY
PYC	2	one Corn f	fi European option	Exercisable into	CBT COMMO	OITY
8CC	2	one Corn f	t European option	Exercisable into	CBT COMMO	OITY
DDG	100	tons tons	Future	Physically delive	CBT COMMO	OITY
	100	tons tons	Certificates		CBT COMMO	OITY
EH	29,000	gallons	Future/option	Physically delive	CBT COMMO	OITY
71		gallons	Swap	Financially settle		
76		gallons	European option	Financially settle		
0	-	bushels	Future/option	Physically delive		
	•	bushels	Certificates		CBT COMMOI	
14			v-Future/option	Physically delive		
		) hundred w	•		CBT COMMOI	
CSI			y European option	Financially settle		
S		) bushels	Future/option	Physically delive		
	•	bushels	Certificates		CBT COMMOI	
CZ1			F American option	Exercisable into		
CZ2			F American option	Exercisable into		
CZ3			F American option	Exercisable into		
CZ4			F American option	Exercisable into		
CZ5			F American option	Exercisable into		
SDF		. soybean it ) bushels	u American option	Exercisable into		
YK 31	•		Future	Physically delive		
			O American option	Exercisable into		
SNS KSC	•	bushels	Swap	Financially settle		
KSH		-	European option	Exercisable into Exercisable into		
		-	European option	Exercisable into		
QX5 SC4		•	a European option a European option	Exercisable into		
JC4	2	. one soybe	c Lui Opean Option	EVELCISABLE IIIIO	CDT COMMON	7111

SC5	2 one soybea European option Exercisable into CBT COMMODITY
SQ5	2 one soybea European option Exercisable into CBT COMMODITY
SM6	2 one soybea European option Exercisable into CBT COMMODITY
SCX	2 one soybea European option Exercisable into CBT COMMODITY
SX9	2 one soybea European option Exercisable into CBT COMMODITY
CZS	2 one soybea European option Exercisable into CBT COMMODITY
06	100 tons Future/option Physically delive CBT COMMODITY
	100 tons Certificates CBT COMMODITY
MZ1	1 soybean fu American option Exercisable into CBT COMMODITY
MZ2	1 soybean fu American option Exercisable into CBT COMMODITY
MZ3	1 soybean fu American option Exercisable into CBT COMMODITY
MZ4	1 soybean fu American option Exercisable into CBT COMMODITY
MZ5	1 soybean fu American option Exercisable into CBT COMMODITY
MYC	2 one soybea European option Exercisable into CBT COMMODITY
QM6	2 one soybea European option Exercisable into CBT COMMODITY
07	60,000 pounds Future/option Physically delive CBT COMMODITY
	60,000 pounds receipts CBT COMMODITY
OZ1	1 soybean oi American option Exercisable into CBT COMMODITY
OZ2	1 soybean oi American option Exercisable into CBT COMMODITY
OZ3	1 soybean oi American option Exercisable into CBT COMMODITY
OZ4	1 soybean oi American option Exercisable into CBT COMMODITY
OZ5	1 soybean oi American option Exercisable into CBT COMMODITY
COY	2 one soybea European option Exercisable into CBT COMMODITY
CO6	2 one soybea European option Exercisable into CBT COMMODITY
Q06	2 one soybea European option Exercisable into CBT COMMODITY
BSW	136 metric ton Future Physically delive CBT COMMODITY
W	5,000 bushels Future/American optic Physically delive CBT COMMODITY
	5,000 bushels Certificates CBT COMMODITY
WZ1	1 wheat futu American option Exercisable into CBT COMMODITY
WZ2	1 wheat futu American option Exercisable into CBT COMMODITY
WZ3	1 wheat futu American option Exercisable into CBT COMMODITY
WZ4	1 wheat futu American option Exercisable into CBT COMMODITY
WZ5	1 wheat futu American option Exercisable into CBT COMMODITY
WDF	1 wheat futu American option Exercisable into CBT COMMODITY
YW	1,000 bushels Future Physically delive CBT COMMODITY
WCS	5,000 bushels Swap Financially settle CBT COMMODITY
CWN	2 one wheat European option Exercisable into CBT COMMODITY
CWM	2 one wheat European option Exercisable into CBT COMMODITY
CW6	2 one wheat European option Exercisable into CBT COMMODITY
WZC	2 one wheat European option Exercisable into CBT COMMODITY
MCG	2 MGEX whe European option Exercisable into CBT COMMODITY
XCW	2 one (1) Cor European option Exercisable into CBT COMMODITY
70	100 times the <code>CFutures</code> Financially settle CBT COMMODITY
DGS	100 times the CSwap Financially settle CBT COMMODITY
DG2	100 dollars timeSwap Financially settle CBT COMMODITY
DG3	100 dollars timeSwap Financially settle CBT COMMODITY

				Spot-Month		
Reporting Level	Position Limit in Shipping Certificates, Warehouse Receipts	Spot-Month Aggregate Into Futures Equivalent Leg (1)	Spot-Month Aggregate Ratio Into Futures Equivalents Leg (1)		Spot-Month Accountability Level	Initial Spot- Month Limit (In Net Futures Equivalents) Leg (1)/ Leg (2)
250	neceipts	C	208 (1)	208 (2)	Level	600
1 250 250 250 250 250 250 250	600 in full 5000		ificate equival	ents, including	g 1000 bu mini Sh	ipping Certificates
250		С	5 (YC) to 1 (C	) - Five mini-si	zed contracts are	3,000 (YC)/600 (C
25			3 (1.3) 13 = (3	,		3,000 (10,7000 (0
250						
250						
250						
250						
25		DDG				200
1	200					
25		EH				200
25						
25						
60		0				600
1	600 in full 5000	bu Shipping Cert	ificate equival	ents, including	g 1000 bu mini Sh	ipping Certificates
50		14				600
1	600					
25		CSI				
150		S				600
1	600		5 (YK) to 1 (S	)- The 600 cert	ificate maximum	shall include mini-s
150						
150						
150						
150						
150						
150						
150		S	5 (YK) to 1 (S	)- Five mini-siz	ed contracts are	e 3,000 mini/600 st
100						
25						
150						
150						
150						
150						

150 150 150 150 150		
150		
200	06	720
1	720	
200		
200		
200		
200		
200		
200		
200	07	540
200 1	540	340
200	340	
200		
200		
200		
200		
200		
200		
200		
50	BSW	1,000
150	W	600
1	600	5 (YW) to 1 (W)- The 600 certificate maximum shall include min
150		
150		
150		
150		
150 150		
150	W	5 (YW) to 1 (W)- Five mini-sized contracts are 3,000 (YW)/600 (\
25	VV	3 (1 vv) to 1 (vv) 1 vc 111111 3/200 contracts are 3,000 (1 vv), 000 (1
150		
150		
150		
150		
150		
25		
200		
1		
1		
1		

	Second Spot-Mo	onth			Single Month
		Second			
		Spot-			
	Second Spot-	Month	Single Month	Single Month	
Initial Spot-	Month Limit (In	Limit	Aggregate Into	Aggregate Into	Single Month
Month Limit	Net Futures	Effective	Futures Equivalent	Futures Equivalent	Aggregate Ratio
Effective Date	Equivalents)	Date	Leg (1)	Leg (2)	Into Leg (1)
	t effective at the			-0 ( )	-5()
_				uld cause such person	b exceed the 600 cer
		·	C	·	
			С		
			С		
			С		
			С		
			С		
Net long or shor	t effective at the	close of trac	di C		5 (YC) to 1 (C) - Fiv
			CCS		
			С		
			С		
			С		
			С		
Net long or shor	t effective at the	close of trac	DDG		
Net long or shor	t effective at the	close of trac			
			71		
Nici Inc. of the		.1	76		
Net long or snor	t effective at the	ciose of trac	di O		
Net long or shor	t 200/250	In the last	f 14		
				would cause such pers	on to exceed the 60
	J	•	S	C	
Net long or shor	t effective at the	close of trac	di S		
_				sents the equivalent of	c 5 (YK) to 1 (S)- The
			S		
			S		
			S		
			S		
			S		
			S		
Net long or shor	t effective at the	close of trac	di S		5 (YK) to 1 (S)- Fiv€
			31		
			SNS		
			S		
			S		
			S		
			S		

	S
	S
	S
	S
	S
	S
Net long or short effective at the close of tradi	06
If a person stops Soybean Meal certificates for	delivery in a quantity that would cause such person to exceed 1
	06
	06
	06
	06
	06
	06
	06
Net long or short effective at the close of tradi	07
	07
	07
	07
	07
	07
	07
	07
	07
First trading day of the month preceding the c	BSW
Net long or short 600/500/400/30(In the last f	W
If a person stops Wheat certificates for deliver	ry in a quantity that would cause such person 5 (YW) to 1 (W)- TI
	W
	W
	W
	W
	W
	W
Net long or short effective at the close of tradi	W 5 (YW) to 1 (W)- Fi
	WCS
	W
	W
	W
	W
	W
	W C
	DCC
	DGS
	DG2
	DG3

		Single Month		
	Single Month	Limit (In Net		All Month Limit
Cingle Month	Accountability Level (In	•		
Single Month	· ·		Ulatua Cuan Vaan	Aggregate Into
Aggregate Ratio	Net Futures Equivalents)		"Intra Crop Year	Futures Equivalent
Into Leg (2)	Leg (1) / Leg (2)	(1) / Leg (2)		Leg (1)
		33,000		C
tificate limit, the	person must cancel, reten		-	
		33,000		С
		33,000		С
		33,000		С
		33,000		C
		33,000		C
		33,000		С
e mini-sized cont	racts are equivalent to one	165,000 (YC)/33,00	00 (C)	С
	·	13.500	Additional contracts	CCS
		33,000		C
				DDG
		1,000		טטט
		1 000		- FII
	25	1,000		EH
	25			71
	25			76
		2,000		0
		1,800		14
0 receipt limit, th	e person must cancel, rete		intity of receipts in e	
		15,000/33,000		S
		15,000		S
600 certificate m	naximum shall include mini	-sized Soybean Cert	ificates such that ea	ch mini-sized certificate
		15,000		S
e mini-sized contr	acts are equivalent to one			S
_	•	1,000	. ,	31
			Additional contracts	
		15,000	, idaitional contract.	S
		15,000		S
				3
		1 000		C
		15,000 15,000		S S

<u>-</u>	15,000	S
<u>-</u>	15,000	S
	6,500	06
the 720 certificate limit, the person must cancel, retende	er or sell the quantity of ce	rtificates in excess of 7:
	6,500	06
	6,500	06
	6,500	06
	6,500	06
	6,500	06
	6,500	06
	6,500	06
	8,000	07
	-,	
	8,000	07
	8,000	07
	8,000	07
	8,000	07
	8,000	07
	8,000	07
	8,000	07
	8,000	07
	1,000	BSW
	12,000	W
ne 600 certificate maximum shall include mini-sized Whe		
	12,000	W
ve mini-sized contracts are equivalent to on 60,000 (YW)		W
Te min sized contracts are equivalent to on object (177)	5,000 Additional contract	
	12,000	W
	12,000	
12,000 (W)/		W
12,555 (**)/	, (-)	
10,000		DGS
10,000		DG2
10,000		DG3
10,000		<del></del>

		All Month		
	All Bassells			
	All Month Aggregate	All Month Aggregate	All Month	
All Month Limit	Ratio Into	Ratio Into	Accountability Level (In	All Month Limit (In
Aggregate Into	Futures	Futures	Net Futures	Net Futures
Futures Equivalent Leg (2)	Equivalents Leg (1)	Equivalents Leg (2)	Equivalents) Leg (1) / Leg (2)	Equivalents) Leg (1) / Leg (2)
	. ,			33,000
nan the following b	usiness day.			33,000
				33,000
				33,000
				33,000
				33,000
	F (VC) += 1 (C	V Fire maint at		- 4.55 000 (VS) (22 000 (
	5 (YC) to 1 (C	.) - Five mini-si	zed contracts are equivale	165,000 (YC)/33,000 ( 22,000
				33,000
				33,000
				33,000
				1,000
				1,000
				1,000
			25	
			25	
				2,000
an the following by	usinass dav			1,800
nan the following bu	isiness day.			15,000/33,000
				15,000
represents the equi	v 5 (YK) to 1 (S	)- The 600 cer	tificate maximum shall inc	•
				15,000
				15,000
				15,000
				15,000
				15,000
	F (VV) +- 4 (C	\ <b>F</b> ive weight at-		15,000
	5 (YK) to 1 (S	j- Five mini-siz	red contracts are equivale	
				1,000
				10,000
				15,000 15,000
				15,000
				15,000
				13,000

```
15,000
                                                                                       15,000
                                                                                       15,000
                                                                                       15,000
                                                                                       15,000
                                                                                       15,000
                                                                                        6,500
20 not later than the following business day.
                                                                                        6,500
                                                                                        6,500
                                                                                        6,500
                                                                                        6,500
                                                                                        6,500
                                                                                        6,500
                                                                                        6,500
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        8,000
                                                                                        1,000
                                                                                       12,000
e represents the equiv 5 (YW) to 1 (W)- The 600 certificate maximum shall include mini-sized Wheat tertificate
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                     5 (YW) to 1 (W)- Five mini-sized contracts are equival 60,000 mini/12,000 standard cont
                                                                                        6,500
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                                       12,000
                                                                         12,000 (W)/33,000 (C)
                                                                 10,000
```

10,000





	Rule	Commodity	Contract	Contract
Contract Name	Chapter	Code	Size	Units
CBOT DJIA Index (\$25 Multiplier)	<u>28</u>	DO	25	dollars time
CBOT DJIA Index (\$10 Multiplier)	26 & 26A	11	10	dollars time
CBOT DJIA Index (\$5 Multiplier)	27 & 27A	YM	5	dollars time
DJ US REAL ESTATE INDEX FUTURES	<u>30</u>	JR	100	dollars time

				Position Limit		
				in Shipping	All Month Limit	
				Certificates,	Aggregate Into	
			Reporting	Warehouse	Futures Equivalent	
Туре	Settlement	Group	Level	Receipts	Leg (1)	
Future	Financially settled futures	CBT EQUITY	200		1	1
Future/An	n Financially settled future & optior	CBT EQUITY	200		1	1
Future/An	n Financially settled future & optior	CBT EQUITY	200		1	.1
Future	Financially Settled Futures	<b>CBT EQUITY</b>	200		3	0

		All Month	
		All Month	
		All Month	
	All Month	Aggregate	
All Month Limit	Aggregate Ratio	Ratio Into	
Aggregate Into	Into Futures	Futures	All Month Limit (In Net
Futures Equivalent	Equivalents Leg	Equivalents	Futures Equivalents) Leg
Leg (2)	(1)	Leg (2)	(1) / Leg (2)

2 (DO) to 5 (11)- 1 (DO) to 5 (Y 20,000 (DO)/50,000 (11)/100,000 (YM) 5 (11) to 2 (DO)- 1 (11) to 2 (YN 20,000 (DO)/50,000 (11)/100,000 (YM) 2 (YM) to 1 (11) 5 (YM) to 1 (D 20,000 (DO)/50,000 (11)/100,000 (YM) 5,000

		Commodity	Contract	Contract
Contract Name	Rule Chapter	Code	Size	Units
UREA (GRANULAR) FOB U.S. GULF COAST SWAP	<u>45</u>	UFN	100	short tons
UAN FOB NOLA SWAP	<u>46</u>	UFU	100	short tons
DAP FOB TAMPA SWAP	<u>47</u>	DFT	100	metric tons
DAP FOB NOLA SWAP	<u>48</u>	DFL	100	short tons
UREA (PRILLED BULK) FOB YUZHNY SWAP	<u>49</u>	UFZ	100	metric tons
UREA (GRANULAR) FOB EGYPT SWAP	<u>50</u>	UFG	100	) metric tons

					Spot-Month
					Aggregate Into
			Diminishing		Futures
			Balance	Reporting	Equivalent Leg
Type	Settlement	Group	Contract	Level	(1)
Swap	Financially settled swap	CBT FERTILIZE	RS	25	45
Swap	Financially settled swap	CBT FERTILIZE	ERS	25	46
Swap	Financially settled swap	CBT FERTILIZE	RS	25	47
Swap	Financially settled swap	CBT FERTILIZE	ERS	25	48
Swap	Financially settled swap	CBT FERTILIZE	ERS	25	49
Swap	Financially settled swap	CBT FERTILIZE	ERS	25	50

		Spot-Month			
	Spot-Month	Spot-Month			
Spot-Month	Aggregate	Aggregate	Initial Spot-		
Aggregate	Ratio Into	Ratio Into	Month Limit (In		Single Month
Into Futures	Futures	Futures	Net Futures	Initial Spot-	Aggregate Into
Equivalent	Equivalents	Equivalents	Equivalents) Leg	Month Limit	Futures Equivalent
Leg (2)	Leg (1)	Leg (2)	(1)/ Leg (2)	Effective Date	Leg (1)

250 The spot month ; 45 200 The spot month ; 46 250 The spot month ; 47 250 The spot month ; 48 250 The spot month ; 49 250 The spot month ; 50

	Single Month			
Single Month Aggregate Into Futures Equivalent Leg (2)	Single Month Aggregate Ratio Into Leg (1)	Single Month Aggregate Ratio Into Leg (2)	Single Month Accountability Level (In Net Futures Equivalents) Leg (1) / Leg (2)	
			1,000 1,000 1,000 1,000 1,000	

1,000

			All Month	
All Month Limit Aggregate Into Futures Equivalent	All Month Limit Aggregate Into Futures Equivalent	All Month Aggregate Ratio Into Futures	All Month Aggregate Ratio Into Futures Equivalents	All Month Accountability Level (In Net Futures Equivalents) Leg (1) /
Leg (1) 45	Leg (2)	Equivalents Leg (1)	Leg (2)	Leg (2) 1,000
46				1,000
47				1,000
48				1,000
49 50				1,000 1,000

All Month
Limit (In Net
Futures
Equivalents)
Leg (1) / Leg
(2)

Contract Name	Rule Chapter	Commodity Code	Contract Size
Australian Coking Coal (Platts) Futures Australian Coking Coal (Platts) Low Vol Futures	971	ACL	1,000
Australian Coking Coal (Argus) Low Vol Futures  Australian Coking Coal (Argus) Low Vol Futures	1111 1110	ALW ACR	1,000 1,000
Indonesian Coal (McCloskey sub-bituminous 6,000 kcal basis) Futures	554	MC6	1,000
Indonesian Coal (McCloskey sub-bituminous) Futures	294	MCC	1,000
Coal (API4) FOB Richards Bay (ARGUS-McCloskey) Futures	928	MFF	1,000
Coal (API 4) fob Richards Bay (ARGUS/McCloskey) Option	929	MFO	1,000
Coal (API 4) fob Richards Bay (ARGUS - McCloskey) Option on Calendar Futures Strip	918	RLA	12,000
Coal (API 4) fob Richards Bay (ARGUS - McCloskey) Option on Quarterly Futures Strip	917	RQA	3,000
Coal (API 2) cif ARA (ARGUS - McCloskey) Option on Calendar Futures Strip	910	CLA	12,000
Coal (API 2) cif ARA (ARGUS - McCloskey) Option on Quarterly Futures Strip	909	CQA	3,000
Coal (API2) CIF ARA (ARGUS-McCloskey) Futures	926	MTF	1,000
Coal (API 2) cif ARA (ARGUS/McCloskey) Option	927	MTO	1,000
Coal (API 6) fob Newcastle (ARGUS-McCloskey) Futures	1109	NCL	1,000
Central Appalachian Coal Option	933	C1	1,550
Central Appalachian Coal Futures	260	QL	1,550
Central Appalachian Coal Option On Quarterly Futures Strip	355	6K	4,650
Central Appalachian Coal Option On Calendar Futures Strip Powder River Basin Coal (Platts OTC Broker Index) Futures	358 262	6M QP	18,600 1,000
Powder River Basin Coal (Platts OTC Broker Index) Putures  Powder River Basin Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	1080	RPF	3,000
CSX Coal (Platts OTC Broker Index) Option on Quarterly Futures Strip	1079	CPF	3,000
CSX Coal (Platts OTC Broker Index) Futures	261	QX	1,000
Coal (API 8) cfr South China (Argus/McCloskey) Futures	1113	SSI	1,000
WTI-Brent Crude Oil Spread Option	377	BV	1,000
WTI-Brent Financial Futures	694	BK	1,000
WTI-Brent Bullet Futures	693	BY	1,000
Crude Oil Last Day Financial Futures	828	26	1,000
WTI BALMO Futures	514	42	1,000
Crude Oil Option on Quarterly Futures Strip	356	6E	3
Crude Oil Option on Calendar Futures Strip	357	6F	12
WTI Average Price Option	341	AO	1,000
Daily Crude Oil Option	833	CD	1,000
WTI Financial Futures	510	CS	1,000
Daily WTI Financial Futures	179	DCL	1,000
Daily Crude Oil Calendar Spread Option (One Month) Daily Crude Oil Calendar Spread Option (Two Month)	915	DNM	1,000
Argus Sour Crude Index ("ASCI") vs. WTI Diff Spread Trade Month Futures	915 222	DTM 36	1,000 1,000
Argus Sour Crude Index ( "ASCI") vs. WTI Diff Spread Calendar Month Futures	224	38	1,000
Argus Sour Crude Index ("ASCI") Trade Month Futures	221	29	1,000
Argus Sour Crude Index ("ASCI") Calendar Month Futures	223	37	1,000
Argus LLS vs. WTI (Argus) Trade Month Futures	303	E5	1,000
Argus LLS Trade Month Futures	302	A4	1,000
WTS (Argus) vs. WTI Trade Month Futures	857	FH	1,000
WTS (Argus) Trade Month Futures	855	AY	1,000
Brent Crude Oil Last Day Financial Calendar Spread Option (One Month)	398	9B	1,000
Brent Crude Oil Last Day Financial Calendar Spread Option (Two Month)	398	9C	1,000
Brent Crude Oil Last Day Financial Calendar Spread Option (Three Month)	398	9D	1,000
Brent Crude Oil Last Day Financial Calendar Spread Option (Six Month)	398	9L	1,000
Brent Crude Oil Last Day Financial Calendar Spread Option (Twelve Month)	398	9Y	1,000
Brent Calendar Spread Option (One Month)	394	AA	1,000
Brent Calendar Spread Option (Two Month)	394	AB	1,000
Brent Calendar Spread Option (Three Month)	394	AC	1,000
Brent Calendar Spread Option (Six Month)	394	AM	1,000
Brent Calendar Spread Option (Twelve Month)	394	AZ	1,000
Brent Crude Oil vs. Dubai Crude Oil (Platts) Futures	697 692	DB BB	1,000
Brent Crude Oil Penultimate Financial Futures Micro Brent Crude Oil Penultimate Financial Futures	692 1117	BB MBZ	1,000 1
Daily Brent Crude Oil Penultimate Financial Futures	870	ODB	1,000
Brent (Singapore Marker) vs. DME Oman Crude Oil Futures	123	BSG	1,000
- · · · · · · · · · · · · · · · · · · ·	123	230	1,000

	79	BA	4 000
			1,000
·	78 26	BE BPC	1,000 12
· · · · · · · · · · · · · · · · · · ·	327	BQP	3
	98	BZ	1,000
Brent Financial Futures 6	96	CY	1,000
Brent (Euro Denominated) Financial Futures 10	055	IBE	1,000
Brent (Singapore Marker) Futures 12	122	IBS	1,000
	81	19	1,000
· ·	76	OS	1,000
· ·	065 144	CO1-C31 CFA	1,000
	145	CFB	1,000 1,000
	146	CFC	1,000
	90	WA	1,000
WTI Calendar Spread Option (Two Month) 3	90	WB	1,000
WTI Calendar Spread Option (Three Month) 3	90	WC	1,000
	90	WM	1,000
, , , , , , , , , , , , , , , , , , , ,	90	WZ	1,000
	100	CL	1,000
	10 112	LO CSN	1,000 1,000
	82	CVF	500
, , , ,	83	CVP	30
	16	AH	1,000
Dubai Crude Oil (Platts) BALMO Futures 4	98	BI	1,000
Dubai Crude Oil (Platts) Financial Futures 5	11	DC	1,000
` ,	40	DPO	1,000
	.31	DOA	1,000
	.25 .24	DOB DOO	1,000
	.24	MB	1,000 1,000
	49	YV	1,000
, ,	47	MO	1,000
Mars (Argus) vs. WTI Financial Futures 8	48	YX	1,000
Mars (Argus) Financial Futures 8	46	MX	1,000
	178	BDA	1,000
	175	BDC	1,000
, , ,	177 176	BDE	1,000
, ,	176 186	BDO NBZ	1,000 1,000
· · · · · · · · · · · · · · · · · · ·	.07	R2	1,000
, ,	.06	RE	1,000
Singapore Gasoil (Platts) vs. DME Oman Crude Oil Futures	.28	DZB	1,000
Brent CFD (Platts) vs. Brent Front Month (Platts) Futures 3	19	1C	1,000
	16	59	1,000
	99	6W	1,000
· · · ·	31 95	FE	1,000
· · ·	195	FY 7G	1,000 1,000
, , ,	193	DBB	1,000
	078	DBP	1,000
Dated Brent (Platts) Financial Futures 6	47	UB	1,000
Argus WTI Formula Basis Calendar Month Futures 2	25	39	1,000
	04	V7	1,000
	.63	WCC	1,000
	151	WCI	1,000
· · ·	108 212	WCE WCO	1,000 1,000
· · · ·	97	7A	1,000
	97	7B	1,000
	97	7C	1,000
Crude Oil Financial Calendar Spread Option (Six Month)	97	7M	1,000
	97	7Z	1,000
	50	LC	1,000
	116	MCL	1
E-mini Crude Oil Futures 4	01	QM	500

Lis Clarguo vs. WTI Financial Futures	Crudo Oil Bullet Futures	601	MC	1 000
Lis (Agrigo) Financial Futures  1875   Agragio V. Ayr Hinancial Futures  1876   Agragio V. Ayr Hinancial Futures  1878   Agragio V. Ayr Hinancial Futures  1879   Agragio V. Ayr Hinancial Futures  1870   Agragio V. Ayr Hinancial Futures  1870	Crude Oil Bullet Futures	691 840	WS WI	1,000
WIS JACEUN I Financial Futures         856         K8         1,000           Mr S JACEUN Financial Futures         854         X8         1,000           In Delivery Month Certified Finission Reduction (CER) Option         1253         65         1,000           In Delivery Month Certified Finission Reduction (CER) Serial Option         1225         95         1,000           Certified Emission Reduction (CER) Futures         1271         VA         1,000           Certified Emission Reduction (CER) Mission Reduction (CER) Serial Option         1272         VA         1,000           in Delivery Month European Union Allowance (EUA) Futures         1250         67         1,000           in Delivery Month European Union Allowance (EUA) Serial Option         1272         VA         1,000           in Delivery Month European Union Allowance (EUA) Option         1273         AV         1,000           European Union Allowance (EUA) Option         1274         CAO         1,000           California Carbon Allowance (EUA) Option         1273         CCA         1,000           California Carbon Allowance (EUA) Futures         1266         CPE         1,000           Certified Emission Reduction Plus (EER) Europus Serial Option         1266         CPE         1,000           Certified Emission Reduction Plus (EER) Eur				*
WIS Margus Financial Futures         854         XB         1,000           in Delivery Morth Certified Emission Reduction (CER) Futures         1253         65         1,000           in Delivery Morth Certified Emission Reduction (CER) Futures         1271         VA         1,000           Certified Emission Reduction (CER) Futures         1271         VA         1,000           Certified Emission Reduction (CER) Futures         1271         VA         1,000           Certified Emission Reduction (CER) Futures         1250         GT         1,000           in Delivery Morth European Union Allowance (EUA) Serial Option         1225         GG         1,000           in Delivery Morth European Union Allowance (EUA) Serial Option         1220         PC         1,000           European Union Allowance (EUA) Futures         1269         RC         1,000           California Carbon Allowance (EUA) Futures         1269         RC         1,000           California Carbon Allowance (EUA) Futures         126         CPE         1,000           California Carbon Allowance (EUA) Futures         128         CPE         1,000           California Carbon Mediction Plus (EERphasS) Ferial Option         1285         CPE         1,000           California Carbon Reduction Plus (EERphasS) Futures         1286	( 0 )			*
In Delivery Month Certified Emission Reduction (ERF) Option  1254				-
In Delivery Month Certified Emission Reduction (CER) Futures  1271	, ,			*
In Delivery Month Certified Emission Reduction (CER) Futures   1271	, , , , ,			-
Certified Emission Reduction (CER) Option         1272         VG         1,000           In Delivery Month European Union Allowance (EUA) Entires         1251         6U         1,000           In Delivery Month European Union Allowance (EUA) Serial Option         1251         6U         1,000           Loropean Union Allowance (EUA) Option         1270         AV         1,000           European Union Allowance (EUA) Entures         1269         RC         1,000           California Carbon Allowance (EUA) Option         1274         CAO         1,000           California Carbon Allowance (ECA) Option         1266         CPE         1,000           Certified Emission Reduction Plus (CERplus) Shif Futures         1256         CPL         1,000           Certified Emission Reduction Plus (CERplus) Option         1265         CPL         1,000           Cimate Action Reserve (CAR) Futures - Vintage 2010         1261         92         1,000           Cimate Action Reserve (CAR) Futures - Vintage 2011         1261         93         1,000           Cimate Action Reserve (CAR) Futures - Vintage 2012         1261         94         1,000           Cimate Action Reserve (CAR) Futures - Vintage 2012         1261         95         1,000           Cimate Action Reserve (CAR) Futures - Vintage 2012         1261<				*
In Delivery Month European Union Allowance (EUA) Futures In Delivery Month European Union Allowance (EUA) Option In Delivery Month European Union Allowance (EUA) Option In Delivery Month European Union Allowance (EUA) Serial Option In Delivery Month European Union Allowance (EUA) Serial Option In Delivery Month European Union Allowance (EUA) Serial Option In Delivery Month European Union Allowance (EUA) Option In Delivery Month European Union In India In			VA	-
In Delivery Month European Union Allowance (EUA) Option 1252 96 1,000   European Union Allowance (EUA) Option 1270 AV 1,000   European Union Allowance (EUA) Futures 1269 RC 1,000   European Union Allowance (EUA) Futures 1273 CCA 1,000   California Carbon Allowance (EUA) Futures 1273 CCA 1,000   California Carbon Allowance (ECA) Futures 1273 CCA 1,000   California Carbon Allowance (ECA) Futures 1273 CCA 1,000   Cartified Emission Reduction Plus (ERPhuls) Serial Option 1266 CPE 1,000   Cartified Emission Reduction Plus (ERPhuls) Serial Option 1265 CPE 1,000   Cartified Emission Reduction Plus (ERPhuls) Option 1265 CPC 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2010 1261 92 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2011 1261 93 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2011 1261 95 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2011 1261 95 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2011 1261 95 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2011 1261 95 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2012 1261 CR 1,000   Daily European Union Allowance (EUA) Futures 1274 PL 1,000   Cilmate Action Reserve (CAR) Futures - Vintage 2012 1261 CR 1,000   Daily European Union Allowance (EUA) Futures 1275 PL 1,000   European Union Aviation Allowance (EUA) Futures 1276 PL 1,000   European Union Aviation Allowance (EUA) Futures 1276 PL 1,000   European Union Aviation Allowance (EUA) Futures 1276 PR 1,000   European Union Aviation Allowance (EUA) Futures 1276 PR 1,000   European Union Aviation Allowance (EUA) Futures 1276 PR 1,000   European Union Aviation Allowance (EUA) Futures 1277 PL 1,000   European Union Aviation Allowance (EUA) Futures 1278 PR 1,000   European Union Aviation Allowance (EUA) Futures 1279 PR 1,000   European Union Aviation Allowance (EUA) Futures 1279 PR 1,000   European Union Aviation Allowance (EUA) Futures 1279 PR 1,000   Enission Reduction Unit (ERU) Futures 1,000 PR 1,000 P	Certified Emission Reduction (CER) Option	1272	VG	1,000
In Delivery Month European Union Allowance (EUA) Option European Union Allowance (EUA) Pitures 1269 RC 1,000 European Union Allowance (EUA) Pitures 1273 CCA California Carbon Allowance (ECA) Option 1274 CAO 1,000 European Union Allowance (ECA) Option 1274 CAO 1,000 California Carbon Allowance (ECA) Option 1275 CCA California Carbon Allowance (ECA) Option 1276 CCA Certified Emission Reduction Plus (EERplusS) Serial Option 1276 CPC Certified Emission Reduction Plus (EERplusS) Option 1276 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1276 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1276 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1277 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1277 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1278 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1279 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1270 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1270 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1270 PCC Climate Action Reserve (CAR) Futures - Vintage 2012 1270 PCC Climate Action Unit (ERU) Futures 1270 PCC Climate Action Unit (ERU) Futures 1271 PCC Climate Action Unit (ERU) Futures 1272 PCC Climate Action Unit (ERU) Futures 1273 PCC Climate Action Unit (ERU) Futures 1274 PCC Climate Action Unit (ERU) Futures 1275 PCC Climate Action Unit (ERU) Futures 1276 PCC Climate Action Unit (ERU) Futu	In Delivery Month European Union Allowance (EUA) Futures	1250	6T	1,000
European Union Allowance (EUA) Pottures Licropean Union Allowance (EUA) Futures Licropean Union Allowance Gas Initiative (EGGI) CO2 Allowance Futures Viritage 2010 Licropean Mallowance Gas Initiative (EGGI)	In Delivery Month European Union Allowance (EUA) Option	1251	6U	1,000
European Union Allowance (EUA) Futures	In Delivery Month European Union Allowance (EUA) Serial Option	1252	9G	1,000
California Carbon Allowance (CCA) Option         1.274         CAO         1.000           Certified Emission Reduction Plus (CERplus) Serial Option         1266         CPE         1.000           Certified Emission Reduction Plus (CERplus) Serial Option         1266         CPE         1.000           Certified Emission Reduction Plus (CERplus) Option         1265         PCL         1.000           Climate Action Reserve (CAR) Futures - Viritage 2010         1261         93         1.000           Climate Action Reserve (CAR) Futures - Viritage 2011         1261         93         1.000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         94         1.000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1.000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1.000           Climate Action Reserve (CAR) Futures         1260         EU         1.000           Daily European Union Allowance (EUA) Futures         1257         FLY         1.000           European Union Allowance (EUA) Futures         1257         FLY         1.000           Emission Reduction Unit (ERU) Futures         1258         REU         1.000           Emission Reduction Unit (ERU) Futures         1258	European Union Allowance (EUA) Option	1270	AV	1,000
California Carbon Allowance (CCA) Futures         1273         CCA         1.000           Certified Emission Reduction Plus (CERplus SM) Futures         1256         CPE         1,000           Certified Emission Reduction Plus (CERplus Option         1255         CPL         1,000           Cimida Endrison Reduction Plus (CERplus Option         1261         92         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2010         1261         93         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2011         1261         94         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1261         CR         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1261         CR         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1261         CR         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1261         CR         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1263         RB         1,000           Cimida Endrison Reserve (CAR) Futures - Viritage 2012         1267         RU         1,000           Emission Reduction Unit (ER	European Union Allowance (EUA) Futures	1269	RC	1,000
Certified Emission Reduction Plus (CERplus) Serial Option         1256         CPE         1,000           Certified Emission Reduction Plus (CERplus) Option         1255         CPL         1,000           Certified Emission Reduction Plus (CERplus) Option         1265         PCL         1,000           Cimate Action Reserve (CAR) Futures - Viritage 2010         1261         93         1,000           Cimate Action Reserve (CAR) Futures - Viritage 2011         1261         94         1,000           Cimate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Cimate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Cimate Action Reserve (CAR) Futures - Non Viritage         1261         CR         1,000           Dialy European Inion Allowance (EUA) Futures         1260         EUI         1,000           European Union Aviation Allowance (EUAA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Serial Option         1258         REU         1,000           Emission Reduction Unit (ERU) Serial Option         1263         76         1,000           Emission Reduction Unit (ERU) Serial Option         1263	California Carbon Allowance (CCA) Option	1274	CAO	1,000
Certified Emission Reduction Plus (CERplus) Option         1255         CPL         1,000           Certified Emission Reduction Plus (CERplus) Option         1261         92         1,000           Climate Action Reserve (CAR) Futures - Viritage 2019         1261         93         1,000           Climate Action Reserve (CAR) Futures - Viritage 2011         1261         94         1,000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         CR         1,000           Climate Action Reserve (CAR) Option         1262         CC         0,000           Climate Action Reserve (CAR) Futures - Viritage 2012         1260         EUL         1,000           European Union Allowance (EUA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Serial Option         1263         76         1,000           Emission Reduction Unit (ERU) Serial Option         1263         76	California Carbon Allowance (CCA) Futures	1273	CCA	1,000
Certified Emission Reduction Plus (CERplus) Option         1265         PCL         1,000           Climate Action Reserve (CAR) Futures - Viritage 2010         1261         93         1,000           Climate Action Reserve (CAR) Futures - Viritage 2011         1261         93         1,000           Climate Action Reserve (CAR) Futures - Viritage 2012         1261         95         1,000           Climate Action Reserve (CAR) Option         1262         CO         1,000           Climate Action Reserve (CAR) Futures - Non Viritage         1261         CR         1,000           Daily European Union Allowance (EUA) Futures         1250         EUI         1,000           European Union Aviation Allowance (EUA) Futures         1257         FLV         1,000           European Union Aviation Allowance (EUA) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Viritage 2011         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Viritage 2012         1263         96         1,000           Regional Greenhouse Gas Initi	Certified Emission Reduction Plus (CERplus) Serial Option	1266	CPE	1,000
Climate Action Reserve (CAR) Futures - Vintage 2010         1261         93         1,000           Climate Action Reserve (CAR) Futures - Vintage 2011         1261         93         1,000           Climate Action Reserve (CAR) Futures - Vintage 2012         1261         95         1,000           Climate Action Reserve (CAR) Potrures - Vintage 2012         1261         95         1,000           Climate Action Reserve (CAR) Potrures - Vintage 2012         1261         CS         1,000           Climate Action Reserve (CAR) Potrures - Vintage 2012         1261         CR         1,000           Climate Action Reserve (CAR) Potrures - Vintage 2010         1261         CR         1,000           Call Strain Control Vint (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Emission Reduction Unit (ERU) Serial Option         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         98         1,000 <td>Certified Emission Reduction Plus (CERplusSM) Futures</td> <td>1256</td> <td>CPL</td> <td>1,000</td>	Certified Emission Reduction Plus (CERplusSM) Futures	1256	CPL	1,000
Climate Action Reserve (CAR) Futures - Vintage 2010         1261         93         1,000           Climate Action Reserve (CAR) Futures - Vintage 2012         1261         94         1,000           Climate Action Reserve (CAR) Entures - Vintage 2012         1261         95         1,000           Climate Action Reserve (CAR) Option         1262         CO         1,000           Climate Action Reserve (CAR) Futures - Non Vintage         1261         CR         1,000           Daily European Union Allowance (EUA) Futures         1260         EUL         1,000           European Union Aviation Allowance (EUA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1263         R6         1,000           Emission Reduction Unit (ERU) Striate (RGGI) CO2 Allowance Futures - Vintage 2010         1263         76         1,000           Emission Reduction Unit (ERU) Striate (RGGI) CO2 Allowance Futures - Vintage 2012         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Green	Certified Emission Reduction Plus (CERplus) Option	1265	PCL	1,000
Climate Action Reserve (CAR) Futures - Vintage 2012         1261         95         1,000           Climate Action Reserve (CAR) Option         1262         CO         1,000           Climate Action Reserve (CAR) Option         1262         CO         1,000           Daily European Union Allowance (EUA) Futures         1260         EUL         1,000           Baily European Union Allowance (EUA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1263         R6         1,000           Emission Reduction Unit (ERU) Futures         1263         R6         1,000           Engional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2010         1263         R6         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2019         1264         R8         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures -	Climate Action Reserve (CAR) Futures - Vintage 2009	1261	92	1,000
Climate Action Reserve (CAR) Futures - Vintage 2012         1261         95         1,000           Climate Action Reserve (CAR) Option         1262         CO         1,000           Climate Action Reserve (CAR) Futures - Non Vintage         1261         CR         1,000           Daily European Union Allowance (EUAA) Futures         1250         EUL         1,000           European Union Allowance (EUAA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2010         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1264		1261	93	1,000
Climate Action Reserve (CAR) Option         1262         CO         1,000           Climate Action Reserve (CAR) Futures - Non Vintage         1261         CR         1,000           Daily European Union Allowance (EUAF) Futures         1257         FLY         1,000           European Union Alvation Allowance (EUAF) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1259         ERO         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1264 <td></td> <td>1261</td> <td></td> <td>1,000</td>		1261		1,000
Climate Action Reserve (CAR) Futures - Non Vintage	, ,	1261	95	1,000
Daily European Union Allowance (EUA) Futures         1260         EUL         1,000           European Union Aviation Allowance (EUAA) Futures         1257         FLY         1,000           Emission Reduction Unit (ERU) Option         1258         REU         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1263         R         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1263         R         1,000           Chicago Ethanol (Platts) Average Price Option         1263         R<	Climate Action Reserve (CAR) Option	1262	CO	1,000
European Union Aviation Allowance (EUAA) Futures	• • • • • • • • • • • • • • • • • • • •	1261		1,000
Emission Reduction Unit (ERU) Cytion         1259         ERO         1,000           Emission Reduction Unit (ERU) Futures         1258         REU         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1264         0R         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1263         RU         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         193         2M         1,000           Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol T2 FOB Rdam Including Duty (Argus) Futures         194         21         100	, ,			-
Emission Reduction Unit (ERU) Ferial Option         1258         REU         1,000           Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         81         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         81         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         81         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         193         2M         100           Chicago Ethanol (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Futures         583         EZ         CU         42,000           NY Ethanol (Platts) Futures         583         EZ	· · · · · · · · · · · · · · · · · · ·			-
Emission Reduction Unit (ERU) Serial Option         1267         RUE         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         0R         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         193         2M         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         193         2M         1,000           Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures         193         2M         1,000           NY Ethanol (Platts) Futures         583         EZ         CV         42,000           NY Ethanol (Platts) Average Price	· · ·			-
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2010         1263         76         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2011         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         0R         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         11263         RV         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1263         RV         1,000           Ethanol TI FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Futures         5				
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         86         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         OR         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Putures         1263         RJ         1,000           Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           WY Ethanol (Platts) Average Price Option         421         VP         10           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         194         21         100           Etha	· · · · · ·			-
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2012         1263         96         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         OR         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Ethanol Ti FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Futures         209         WE         100           Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         972         V2 <td>, ,</td> <td></td> <td></td> <td>-</td>	, ,			-
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures - Vintage 2009         1263         98         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         OR         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Ethanol TJ FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           Chicago Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         210         YE         10           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         972         V2         <	, ,			
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Option         1264         OR         1,000           Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Ethanol T1 FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           Ohicago Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Evitures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) Futures         938         M0         1           Capesize Timecharter Average (Baltic) Futures         935         H0         0	, ,			-
Regional Greenhouse Gas Initiative (RGGI) CO2 Allowance Futures         1263         RJ         1,000           Ethanol TJ FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           NY Ethanol (Platts) Average (Price Option         423         NVP         42,000           Thin (Lan	, ,			-
Ethanol TI FOB Rdam Excluding Duty (Platts) Futures         193         2M         100           Chicago Ethanol (Platts) Futures         582         CU         42,000           NY Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           Ethanol TJ FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol TJ FOB Rdam Including Duty (Argus) Futures         210         YE         100           Ethanol TJ FOB Rdam Including Duty (Platts) Futures         194         21         100           Stanol TJ FOB Rdam Including Duty (Platts) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) Butures         938         Mo         1           Freight Route TC12 (Baltic) Futures         938         Mo         1           Handysize Timecharter Average (Baltic) Futures         935         H0         0           Handysize Timecharter				-
Chicago Ethanol (Platts) Average Price Option         422         CV         42,000           Chicago Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Futures         209         WE         100           Ethanol TJ FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol TJ FOB Rdam Including Duty (Platts) Futures         210         YE         100           Ethanol TJ FOB Rdam Including Duty (Platts) Futures         194         21         100           Ethanol TJ FOB Rdam Including Duty (Platts) Futures         194         21         100           STANDIA COLOMBIAN Pesos Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         934         CFU         1           Mini Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) Futures         938         MO         1           Freight Route TC12 (Baltic) Futures         938         MO         1           Freight Route TC2 (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) Futures				-
Chicago Ethanol (Platts) Average Price Option         422         CVR         42,000           NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         194         Z1         100           NYMEX US Dollar/Colombian Peso Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) Futures         936         Q0         1           Handysize Timecharter Average (Baltic				
NY Ethanol (Platts) Futures         583         EZ         42,000           NY Ethanol (Platts) Average Price Option         423         NVP         42,000           Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         194         21         100           NYMEX US Dollar/Colombian Peso Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Handysize Timecharter Average (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) Futures         936         Q0         1           Handysize Timecharter Average (Baltic) Futures         936         Q0         1           Handysize Timecharter Average (Baltic) Futures				-
NY Ethanol (Platts) Average Price Option         423         NVP         42,000           Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         944         CFU         1           Mini Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) BALMO Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Handysize Timecharter Average (Baltic) Futures         935         H0         00           Mini Handysize Timecharter Average (Baltic) Futures         943         HFT         1           Handysize Timecharter Average (Baltic) Futures         936         Q0         1           Mini Panamax Timecharter Average (Baltic) BALMO Futures         939         F0         0.25           Panamax Timecharter Average (Baltic) Futures         945         PFU         1 <td></td> <td></td> <td></td> <td></td>				
Ethanol T1 FOB Rdam Excluding Duty (Argus) Futures         209         WE         100           Ethanol T2 FOB Rdam Including Duty (Argus) Futures         210         YE         100           Ethanol T2 FOB Rdam Including Duty (Platts) Futures         194         21         100           NYMEX US Dollar/Colombian Peso Futures         972         V2         10           Capesize Timecharter Average (Baltic) Futures         944         CFU         1           Mini Capesize Timecharter Average (Baltic) Futures         937         CSF         0.25           Capesize Timecharter Average (Baltic) BALMO Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Freight Route TC12 (Baltic) Futures         938         M0         1           Mini Handysize Timecharter Average (Baltic) Futures         935         H0         0           Mini Handysize Timecharter Average (Baltic) Futures         935         H0         0           Handysize Timecharter Average (Baltic) BALMO Futures         936         Q0         1           Handysize Timecharter Average (Baltic) BALMO Futures         939         F0         0.25           Panamax Timecharter Average (Baltic) Futures         940         N0         1				-
Ethanol T2 FOB Rdam Including Duty (Argus) Futures 210 YE 100 Ethanol T2 FOB Rdam Including Duty (Platts) Futures 194 Z1 100 NYMEX US Dollar/Colombian Peso Futures 972 V2 10 Capesize Timecharter Average (Baltic) Futures 944 CFU 1 Mini Capesize Timecharter Average (Baltic) Futures 937 CSF 0.25 Capesize Timecharter Average (Baltic) Futures 938 M0 1 Freight Route TC12 (Baltic) Futures 938 M0 1 MINI Handysize Timecharter Average (Baltic) Futures 935 M0 0 0 0 MINI Handysize Timecharter Average (Baltic) Futures 935 M0 0 0 1 MINI Panamax Timecharter Average (Baltic) Futures 936 M0 0 1 MINI Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 MINI Panamax Timecharter Average (Baltic) Futures 940 M0 1 M0 1 M0				
Ethanol T2 FOB Rdam Including Duty (Platts) Futures 194 Z1 100 NYMEX US Dollar/Colombian Peso Futures 972 V2 10 Capesize Timecharter Average (Baltic) Futures 944 CFU 1 Mini Capesize Timecharter Average (Baltic) Futures 937 CSF 0.25 Capesize Timecharter Average (Baltic) Futures 938 M0 1 Freight Route TC12 (Baltic) Futures 938 M0 1 Freight Route TC12 (Baltic) Futures 935 H0 0 Mini Handysize Timecharter Average (Baltic) Futures 935 H0 0 Mini Handysize Timecharter Average (Baltic) Futures 943 HFT 1 Mini Panamax Timecharter Average (Baltic) Futures 936 Q0 1 Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 948 TCF 1,000 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 686 TK 1,000 Freight Route TC7 (Baltic) Futures 686 TK 1,000 Freight Route TC7	5 , 1 5 ,			
NYMEX US Dollar/Colombian Peso Futures Q972 V2 10 Capesize Timecharter Average (Baltic) Futures Mini Capesize Timecharter Average (Baltic) Futures Q937 CSF Q0.25 Capesize Timecharter Average (Baltic) BALMO Futures Q938 M0 1 Freight Route TC12 (Baltic) Futures S22 FRS 1,000 Mini Handysize Timecharter Average (Baltic) Futures Mini Handysize Timecharter Average (Baltic) Futures Mini Handysize Timecharter Average (Baltic) Futures Mini Panamax Fimecharter Average (Baltic) Futures Mini Panamax Timecharter Average (Baltic) Futures Mini Supramax Timecharter Average (Baltic) Mini Mini Mini Mini Mini Mini Mini Min	5 / \ 5 /			
Capesize Timecharter Average (Baltic) Futures944CFU1Mini Capesize Timecharter Average (Baltic) Futures937CSF0.25Capesize Timecharter Average (Baltic) BALMO Futures938M01Freight Route TC12 (Baltic) Futures522FRS1,000Mini Handysize Timecharter Average (Baltic) Futures935H00Handysize Timecharter Average (Baltic) Futures943HFT1Handysize Timecharter Average (Baltic) BALMO Futures936Q01Mini Panamax Timecharter Average (Baltic) Futures939FO0.25Panamax Timecharter Average (Baltic) Futures940N01Panamax Timecharter Average (Baltic) Futures945PFU1Mini Supramax Timecharter Average (Baltic) Futures941G00.25Supramax Timecharter Average (Baltic) Futures942PO1Supramax Timecharter Average (Baltic) Futures946SFT1Supramax Timecharter Average (Baltic) Futures946SFT1Freight Route TC6 (Baltic) Futures1053TC61,000Freight Route TC5 (Platts) Average Price Option948TCF1,000Freight Route TC5 (Platts) Futures685TI1,000Freight Route TC4 (Platts) Futures686TK1,000Freight Route TC5 (Baltic) Futures686TK1,000Freight Route TC5 (Baltic) Futures686TK1,000				
Mini Capesize Timecharter Average (Baltic) Futures 938 M0 1 Freight Route TC12 (Baltic) Futures 522 FRS 1,000 Mini Handysize Timecharter Average (Baltic) Futures 935 H0 0 Handysize Timecharter Average (Baltic) Futures 935 H0 0 Handysize Timecharter Average (Baltic) Futures 943 HFT 1 Handysize Timecharter Average (Baltic) Futures 936 Q0 1 Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Freight Route TC5 (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 946 SFT 1 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 686 TK 1,000 Freight Route TC5 (Platts) Futures 686 TK 1,000				
Capesize Timecharter Average (Baltic) BALMO Futures938M01Freight Route TC12 (Baltic) Futures522FRS1,000Mini Handysize Timecharter Average (Baltic) Futures935H00Handysize Timecharter Average (Baltic) Futures943HFT1Handysize Timecharter Average (Baltic) BALMO Futures936Q01Mini Panamax Timecharter Average (Baltic) Futures939F00.25Panamax Timecharter Average (Baltic) BALMO Futures940N01Panamax Timecharter Average (Baltic) Futures945PFU1Mini Supramax Timecharter Average (Baltic) Futures941G00.25Supramax Timecharter Average (Baltic) BALMO Futures942P01Supramax Timecharter Average (Baltic) Futures946SFT1Supramax Timecharter Average (Baltic) Futures946SFT1Freight Route TC6 (Baltic) Futures948TCF1,000Freight Route TC5 (Platts) Average Price Option948TCF1,000Freight Route TC5 (Platts) Futures682TH1,000Freight Route TC5 (Baltic) Futures685TI1,000Freight Route TC4 (Platts) Futures681TJ1,000Freight Route TC7 (Baltic) Futures686TK1,000Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000				
Mini Handysize Timecharter Average (Baltic) Futures 935 H0 0 Handysize Timecharter Average (Baltic) Futures 943 HFT 1 Handysize Timecharter Average (Baltic) BALMO Futures 936 Q0 1 Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) BALMO Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 945 PFU 1 Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 946 SFT 1 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 686 TK 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000				
Mini Handysize Timecharter Average (Baltic) Futures 943 HFT 1 Handysize Timecharter Average (Baltic) Futures 943 HFT 1 Handysize Timecharter Average (Baltic) BALMO Futures 936 Q0 1 Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) BALMO Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 945 PFU 1 Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 948 TC6 1,000 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC4 (Platts) Futures 681 TJ 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TD5 (Baltic) Futures 686 TK 1,000	Freight Route TC12 (Baltic) Futures	522	FRS	1,000
Handysize Timecharter Average (Baltic) BALMO Futures 936 Q0 1 Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) BALMO Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 945 PFU 1 Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) BALMO Futures 942 P0 1 Supramax Timecharter Average (Baltic) Baltic) Futures 946 SFT 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 1053 TC6 1,000 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC4 (Platts) Futures 681 TJ 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000	Mini Handysize Timecharter Average (Baltic) Futures			
Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) BALMO Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 945 PFU 1 Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) BALMO Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 946 SFT 1 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 686 TK 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000		943	HFT	1
Mini Panamax Timecharter Average (Baltic) Futures 939 F0 0.25 Panamax Timecharter Average (Baltic) BALMO Futures 940 N0 1 Panamax Timecharter Average (Baltic) Futures 945 PFU 1 Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) BALMO Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 1053 TC6 1,000 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TC5 (Baltic) Futures 685 TI 1,000 Freight Route TC5 (Platts) Futures 685 TI 1,000 Freight Route TC4 (Platts) Futures 681 TJ 1,000 Freight Route TC5 (Baltic) Futures 686 TK 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000	Handysize Timecharter Average (Baltic) BALMO Futures	936	Q0	1
Panamax Timecharter Average (Baltic) Futures945PFU1Mini Supramax Timecharter Average (Baltic) Futures941G00.25Supramax Timecharter Average (Baltic) BALMO Futures942P01Supramax Timecharter Average (Baltic) Futures946SFT1Freight Route TC6 (Baltic) Futures1053TC61,000Freight Route TC5 (Platts) Average Price Option948TCF1,000Freight Route TC5 (Platts) Futures682TH1,000Freight Route TD5 (Baltic) Futures685TI1,000Freight Route TC4 (Platts) Futures681TJ1,000Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000	Mini Panamax Timecharter Average (Baltic) Futures	939		0.25
Mini Supramax Timecharter Average (Baltic) Futures 941 G0 0.25 Supramax Timecharter Average (Baltic) BALMO Futures 942 P0 1 Supramax Timecharter Average (Baltic) Futures 946 SFT 1 Freight Route TC6 (Baltic) Futures 1053 TC6 1,000 Freight Route TC5 (Platts) Average Price Option 948 TCF 1,000 Freight Route TC5 (Platts) Futures 682 TH 1,000 Freight Route TD5 (Baltic) Futures 685 TI 1,000 Freight Route TD5 (Baltic) Futures 685 TI 1,000 Freight Route TC4 (Platts) Futures 681 TJ 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD7 (Baltic) Futures 686 TK 1,000 Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000	Panamax Timecharter Average (Baltic) BALMO Futures	940	N0	1
Supramax Timecharter Average (Baltic) BALMO Futures       942       P0       1         Supramax Timecharter Average (Baltic) Futures       946       SFT       1         Freight Route TC6 (Baltic) Futures       1053       TC6       1,000         Freight Route TC5 (Platts) Average Price Option       948       TCF       1,000         Freight Route TC5 (Platts) Futures       682       TH       1,000         Freight Route TD5 (Baltic) Futures       685       TI       1,000         Freight Route TC4 (Platts) Futures       681       TJ       1,000         Freight Route TD7 (Baltic) Futures       686       TK       1,000         Freight Route TD3 (Baltic) Average Price Option       949       TDT       1,000	Panamax Timecharter Average (Baltic) Futures	945	PFU	1
Supramax Timecharter Average (Baltic) Futures       946       SFT       1         Freight Route TC6 (Baltic) Futures       1053       TC6       1,000         Freight Route TC5 (Platts) Average Price Option       948       TCF       1,000         Freight Route TC5 (Platts) Futures       682       TH       1,000         Freight Route TD5 (Baltic) Futures       685       TI       1,000         Freight Route TC4 (Platts) Futures       681       TJ       1,000         Freight Route TD7 (Baltic) Futures       686       TK       1,000         Freight Route TD3 (Baltic) Average Price Option       949       TDT       1,000	Mini Supramax Timecharter Average (Baltic) Futures	941	G0	0.25
Freight Route TC6 (Baltic) Futures       1053       TC6       1,000         Freight Route TC5 (Platts) Average Price Option       948       TCF       1,000         Freight Route TC5 (Platts) Futures       682       TH       1,000         Freight Route TD5 (Baltic) Futures       685       TI       1,000         Freight Route TC4 (Platts) Futures       681       TJ       1,000         Freight Route TD7 (Baltic) Futures       686       TK       1,000         Freight Route TD3 (Baltic) Average Price Option       949       TDT       1,000	Supramax Timecharter Average (Baltic) BALMO Futures	942	P0	1
Freight Route TC5 (Platts) Average Price Option948TCF1,000Freight Route TC5 (Platts) Futures682TH1,000Freight Route TD5 (Baltic) Futures685TI1,000Freight Route TC4 (Platts) Futures681TJ1,000Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000	Supramax Timecharter Average (Baltic) Futures	946	SFT	1
Freight Route TC5 (Platts) Futures       682       TH       1,000         Freight Route TD5 (Baltic) Futures       685       TI       1,000         Freight Route TC4 (Platts) Futures       681       TJ       1,000         Freight Route TD7 (Baltic) Futures       686       TK       1,000         Freight Route TD3 (Baltic) Average Price Option       949       TDT       1,000	Freight Route TC6 (Baltic) Futures	1053	TC6	1,000
Freight Route TD5 (Baltic) Futures685TI1,000Freight Route TC4 (Platts) Futures681TJ1,000Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000	Freight Route TC5 (Platts) Average Price Option	948	TCF	1,000
Freight Route TC4 (Platts) Futures681TJ1,000Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000	Freight Route TC5 (Platts) Futures	682	TH	1,000
Freight Route TD7 (Baltic) Futures686TK1,000Freight Route TD3 (Baltic) Average Price Option949TDT1,000	Freight Route TD5 (Baltic) Futures	685	TI	1,000
Freight Route TD3 (Baltic) Average Price Option 949 TDT 1,000	Freight Route TC4 (Platts) Futures	681	TJ	1,000
	Freight Route TD7 (Baltic) Futures	686	TK	1,000
Freight Route TD3 (Baltic) Futures 684 TL 1,000	Freight Route TD3 (Baltic) Average Price Option	949	TDT	1,000
	Freight Route TD3 (Baltic) Futures	684	TL	1,000

Freight Route TC2 (Baltic) Average Price Option Freight Route TC2 (Baltic) Futures	947 683	TCW TM	1,000 1,000
COMEX miNY Silver Futures	912	QI	-
E-mini Silver Futures	408	Qi 6Q	2,500 1,000
Aluminum MW U.S. Transaction Premium Platts (25MT) Futures	1189	AUP	25
US Midwest #1 Busheling Ferrous Scrap (AMM) Futures	601	BUS	20
HMS 80/20 Ferrous Scrap, CFR Turkey (Platts) Futures	867	FSF	50
Cleared OTC London Gold Forwards (collateral margin)	334	GB	0.001
Cleared OTC London Gold Forwards (cash margin)	1081	GBC	0.001
Gold Futures	113	GC	100
Short-Term Gold Option	1067	L01-L31	100
E-micro Gold Futures	120	MGC	100
Gold Option	115	OG	100
Gold Volatility Index (VIX®) Futures	984	GVF	500
Gold Volatility Index (VIX®) Option	985	GVP	500
Copper Futures	111	HG	25,000
Copper Option	117	НХ	25,000
Copper Average Price Option	1191	CAP	25,000
Copper Financial Futures	1190	HGS	25,000
U.S. Midwest Domestic Hot-Rolled Coil Steel Index Futures	920	HR	20,000
U.S. Midwest Domestic Hot-Rolled Coil Steel Index Average Price Option	1095	HRO	20
Cleared OTC London Silver Forwards (cash margin)	1083	LSF	0.001
European Hot Rolled Coil, Ex-Works Ruhr Germany (Platts) Futures	871	NSF	50
Palladium Futures	106	PA	100
Palladium Option	119	PAO	100
•	645	ICP	1,000
Iron Ore 62% Fe, CFR North China (Platts) Average Price Option  Iron Ore 62% Fe, CFR China (TSI) Average Price Option	644		500
, , , ,		ICT PIO	
Iron Ore 62% Fe, CFR North China (Platts) Futures	925		1,000
Iron Ore 62% Fe, CFR China (TSI) Futures	919	TIO	500
Platinum Futures	105	PL	50
Platinum Option	360	PO	50
E-mini Copper Futures	913	QC	12,500
COMEX miNY Gold Futures	911	Q0	50
Chinese Steel Rebar HRB400 (Mysteel) Futures	1286	RBR	100
Silver Futures	112	SI	5,000
Silver Option	116	SO	5,000
Steel Billet, FOB Black Sea (Platts) Futures	869	SSF	100
UxC Uranium U308 Futures	970	UX	250
Columbia Gulf, Mainline Natural Gas (Platts IFERC) Basis Futures	428	5Z	2,500
Tennessee 800 Leg Natural Gas (Platts IFERC) Basis Futures	432	6Z	2,500
Florida Gas, Zone 2 Natural Gas (Platts IFERC) Basis Futures	429	8A	2,500
Texas Eastern, WLA Natural Gas (Platts IFERC) Basis Futures	433	8B	2,500
Transco Zone 1 Natural Gas (Platts IFERC) Basis Futures	435	8E	2,500
Transco Zone 2 Natural Gas (Platts IFERC) Basis Futures	436	8F	2,500
OneOk, Oklahoma Natural Gas (Platts IFERC) Basis Futures	430	8X	2,500
Southern Star, TxOklaKan. Natural Gas (Platts IFERC) Basis Futures	431	8Z	2,500
SoCal Gas City-Gate Natural Gas (Platts IFERC) Fixed Price Futures	914	SGW	2,500
SoCal City-Gate Natural Gas (Platts IFERC) Basis Futures	437	9A	2,500
Texas Gas, Zone 1 Natural Gas (Platts IFERC) Basis Futures	434	9F	2,500
Columbia Gas TCO (Platts Gas Daily/Platts IFERC) Index Futures	877	Q1	2,500
Columbia Gas TCO (Platts Gas Daily) Swing Futures	884	A1	2,500
Algonquin City-Gates Natural Gas (Platts IFERC) Basis Futures	876	B4	2,500
Questar Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	458	N8	2,500
Questar Natural Gas (Platts Gas Daily) Swing Futures	749	C6	2,500
Algonquin City-Gates Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	457	N7	2,500
Algonquin City-Gates Natural Gas (Platts Gas Daily) Swing Futures	709	C8	2,500
Columbia Gas TCO (Platts IFERC) Fixed Price Futures	1276	CFS	2,500
Columbia Gas TCO (Platts IFERC) Basis Futures	622	TC	2,500
Columbia Gas TCO (Platts IFERC) Basis Option	622B	5D	2,500
CIG Rockies Natural Gas (Platts IFERC) Basis Futures	633	CI	2,500
Transco Zone 3 Natural Gas (Platts IFERC) Basis Futures	639	CZ	2,500
Dominion, South Point Natural Gas (Platts IFERC) Fixed Price Futures	1275	DSF	2,500
Dominion, South Point Natural Gas (Platts IFERC) Basis Futures	632	PG	2,500
Demarc Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	812	DI	2,500
, , , , , , , , , , , , , , , , , , , ,	819	DT	2,500
Demarc Natural Gas (Platts Gas Daily) Swing Futures			
Dawn Natural Gas (Platts IFERC) Basis Futures	808	DW	2,500

Florida Gas, Zone 3 Natural Gas (Platts IFERC) Basis Futures	806	FP	2,500
Columbia Gulf, Louisiana Natural Gas (Platts IFERC) Basis Futures	638	GL	2,500
Natural Gas Option on Summer Futures Strip Henry Hub Natural Gas Last Day Financial Option	352 375	4D E7	17,500 10,000
Henry Hub Natural Gas Look-Alike Last Day Financial Futures	823	HH	10,000
Daily Natural Gas Option	832	KD	10,000
Henry Hub Natural Gas Last Day Financial Futures	508	NN	2,500
Natural Gas Option on Winter Futures Strip	353	61	12,500
Natural Gas Option on Calendar Futures Strip	351	6J	30,000
Henry Hub Natural Gas (Platts IFERC) Basis Futures	509	НВ	2,500
Henry Hub Natural Gas (Platts IFERC) Basis Option	509B	5E	2,500
Henry Hub Natural Gas (Platts IFERC) Fixed Price Futures	1279	HHS	2,500
Henry Hub Natural Gas Financial Calendar Spread Option (One Month)	399	G4	10,000
Henry Hub Natural Gas Financial Calendar Spread Options (Two Month)	399	G2	10,000
Henry Hub Natural Gas Financial Calendar Spread Options (Three Month)	399	G3	10,000
Henry Hub Natural Gas Financial Calendar Spread Option (Five Month)	399	G5	10,000
Henry Hub Natural Gas Financial Calendar Spread Option (Six Month)	399	G6	10,000
lenry Hub Natural Gas Financial Calendar Spread Option (Twelve Month)	399	G7	10,000
Henry Hub Natural Gas Look-Alike Penultimate Financial Futures	824	HP	10,000
Henry Hub Natural Gas European Financial Option	560	LN	10,000
Henry Hub Natural Gas Penultimate Financial Futures	529	NP	2,500
E-mini Natural Gas Futures	402	QG	2,500
Fransco Zone 4 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	448	B2	2,500
Transco Zone 4 Natural Gas (Platts Gas Daily) Swing Futures	677	J3	2,500
Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	449	<b>S9</b>	2,500
Columbia Gulf, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	678	J6	2,500
Fexas Gas, Zone SL Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	834	<b>S7</b>	2,500
exas Gas, Zone SL Natural Gas (Platts Gas Daily) Swing Futures	679	J7	2,500
Florida Gas, Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	447	Q9	2,500
Florida Gas, Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	676	18	2,500
NR, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	454	M6	2,500
NNR, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	707	К6	2,500
runkline ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	837	M7	2,500
runkline ELA Natural Gas (Platts Gas Daily) Swing Futures	706	K7	2,500
outhern Natural, Louisiana Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	836	M8	2,500
outhern Natural, Louisiana Natural Gas (Platts Gas Daily) Swing Futures	690	K8	2,500
exas Eastern, ELA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	835	M9	2,500
exas Eastern, ELA Natural Gas (Platts Gas Daily) Swing Futures	689	К9	2,500
NG Japan/Korea Marker (Platts) Futures	868	JKM	10,000
NG East Asia Index (ICIS Heren) Futures	1249	LAI	10,000
OneOk, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	439	C7	2,500
OneOk, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	461	M3	2,500
Southern Star, TxOklaKan. Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	438	C9	2,500
Southern Star, TxOklaKan. Natural Gas (Platts Gas Daily) Swing Futures	460	M4	2,500
MichCon Natural Gas (Platts IFERC) Fixed Price Futures	1285	MFS	2,500
MichCon Natural Gas (Platts IFERC) Basis Futures	619	NF	2,500
MichCon Natural Gas (Platts IFERC) Basis Option	619B	4W	2,500
Chicago Natural Gas (Platts IFERC) Basis Futures	517	NB	2,500
Chicago Natural Gas (Platts IFERC) "Pipe" Option	517A	PY	2,500
ANR, Louisiana Natural Gas (Platts IFERC) Basis Futures	767	ND	2,500
ANR, Oklahoma Natural Gas (Platts IFERC) Basis Futures	627	NE	2,500
NGPL Mid-Con Natural Gas (Platts IFERC) Fixed Price Futures	1284	NFS	2,500
NGPL Mid-Con Natural Gas (Platts IFERC) Basis Futures	629	NL F.C	2,500
NGPL Mid-Con Natural Gas (Platts IFERC) Basis Option	629B	5G	2,500
Henry Hub Natural Gas Calendar Spread Option (One Month)	391	IA	10,000
Henry Hub Natural Gas Calendar Spread Option (Two Month) Henry Hub Natural Gas Calendar Spread Option (Three Month)	391	IB	10,000
, , , , , , , , , , , , , , , , , , , ,	391	IC	10,000
Henry Hub Natural Gas Calendar Spread Option (Five Month)	391	IE INA	10,000
Henry Hub Natural Gas Calendar Spread Option (Six Month)	391	IM 17	10,000
Henry Hub Natural Gas Calendar Spread Option (Twelve Month)	391 274	IZ	10,000
Henry Hub Natural Gas Quadultimate Option	374 1156	HHQ	10,000
Henry Hub Natural Gas Last Day Physically-Delivered Futures	1156	MNG	2,500
Henry Hub Natural Gas Futures	220	NG	10,000
Henry Hub Natural Gas Option	370 628	ON	10,000
Sumas Natural Gas (Platts IFERC) Basis Futures Tennossee FOO Log Natural Gas (Platts IFERC) Basis Futures	628 770	NK NA	2,500
Tennessee 500 Leg Natural Gas (Platts IFERC) Basis Futures	770 771	NM NQ	2,500 2,500
Tennessee Zone 0 Natural Gas (Platts IFERC) Basis Futures			

Rockies Natural Gas (Platts IFERC) "Pipe" Option	524A	ZR	2,500
SoCal Natural Gas (Platts IFERC) Basis Futures	524A 520	NS NS	2,500
SoCal Natural Gas (Platts IFERC) "Pipe" Option	520A	ZN	2,500
SoCal Natural Gas (Platts IFERC) Basis Option	520B	5M	2,500
Trunkline, Louisiana Natural Gas (Platts IFERC) Basis Futures	773	NU	2,500
Kern River Natural Gas (Platts IFERC) Basis Futures	768	NV	2,500
Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Futures	621	NX	2,500
Texas Eastern Zone M-3 Natural Gas (Platts IFERC) Basis Option	621B	5N	2,500
Transco Zone 6 Natural Gas (Platts IFERC) Basis Futures	521	NZ	2,500
Transco Zone 6 Natural Gas (Platts IFERC) "Pipe" Option	521A	TZ	2,500
Dawn Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	811	Ю	2,500
Dawn Natural Gas (Platts Gas Daily) Swing Futures	818	OW	2,500
NGPL TexOk Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	814	OI	2,500
NGPL TexOk Natural Gas (Platts Gas Daily) Swing Futures	821	OX	2,500
Malin Natural Gas (Platts IFERC) Basis Futures	623	PB	2,500
PG&E Citygate Natural Gas (Platts IFERC) "Pipe" Option	624A	CW	2,500
PG&E Citygate Natural Gas (Platts IFERC) Basis Futures	624	PC	2,500
NGPL TexOk Natural Gas (Platts IFERC) Basis Futures	625	PD	2,500
NGPL TexOk Natural Gas (Platts IFERC) Basis Option	625B	5H	2,500
Demarc Natural Gas (Platts IFERC) Basis Futures	630	PE	2,500
Ventura Natural Gas (Platts IFERC) Basis Futures	631	PF	2,500
Permian Natural Gas (Platts IFERC) Fixed Price Futures	1277	PFS	2,500
Permian Natural Gas (Platts IFERC) Basis Futures	620 228	PM	2,500
Pine Prairie Energy Center (PPEC) Physically Delivered Natural Gas BALMO Futures Pine Prairie Energy Center (PPEC) Physically Delivered Natural Gas Daily/Weekend Futures	228	PPB PPD	2,500
Pine Prairie Energy Center (PPEC) Physically Delivered Natural Gas Monthly Basis Futures	1107	PPE	2,500 2,500
Pine Prairie Energy Center (PPEC) Physically Delivered Natural Gas Monthly Busis ratures	229	PPM	2,500
CenterPoint Natural Gas (Platts IFERC) Basis Futures	807	PW	2,500
NGPL Mid-Con Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	813	IW	2,500
NGPL Mid-Con Natural Gas (Platts Gas Daily) Swing Futures	820	PX	2,500
NGPL STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	456	N6	2,500
NGPL STX Natural Gas (Platts Gas Daily) Swing Futures	708	Q7	2,500
SoCal Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	793	IF	2,500
SoCal Natural Gas (Platts Gas Daily) Swing Futures	788	SF	2,500
Dominion, South Point Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	794	IH	2,500
Dominion, South Point Natural Gas (Platts Gas Daily) Swing Futures	784	SH	2,500
San Juan Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	796	IJ	2,500
San Juan Natural Gas (Platts IFERC) "Pipe" Option	519A	PJ	2,500
San Juan Natural Gas (Platts Gas Daily) Swing Futures	787	SJ	2,500
PG&E Citygate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	792	IK	2,500
PG&E Citygate Natural Gas (Platts Gas Daily) Swing Futures	786	SK	2,500
Permian Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	701	IL	2,500
Permian Natural Gas (Platts Gas Daily) Swing Futures	751	SL	2,500
Houston Ship Channel Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	703	IP	2,500
Houston Ship Channel Natural Gas (Platts IFERC) "Pipe" Option	518A	PK	2,500
Houston Ship Channel Natural Gas (Platts Gas Daily) Swing Futures	753	SM	2,500
Henry Hub Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	702	IN	2,500
Henry Hub Natural Gas (Platts Gas Daily) Swing Futures	752	SN	2,500
ANR, Oklahoma Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures  ANR, Oklahoma Natural Gas (Platts Gas Daily) Swing Futures	809 816	IQ SO	2,500
Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	816 795	SQ IR	2,500 2,500
Kern Opal Natural Gas (Platts Gas Daily) Swing Futures	785	SR	2,500
Chicago Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	700	IS	2,500
Chicago Natural Gas (Platts Gas Daily) Swing Futures	750	SS	2,500
Transco Zone 6 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	799	IT	2,500
Transco Zone 6 Natural Gas (Platts Gas Daily) Swing Futures	791	ST	2,500
Sumas Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	797	IU	2,500
Sumas Natural Gas (Platts Gas Daily) Swing Futures	789	SU	2,500
Panhandle Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	704	IV	2,500
Panhandle Natural Gas (Platts IFERC) "Pipe" Option	525A	PU	2,500
Panhandle Natural Gas (Platts Gas Daily) Swing Futures	754	SV	2,500
TETCO M-3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	798	IX	2,500
TETCO M-3 Natural Gas (Platts Gas Daily) Swing Futures	790	SX	2,500
Waha Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	705	IY	2,500
Waha Natural Gas (Platts Gas Daily) Swing Futures	755	SY	2,500
Southern Natural, Louisiana Natural Gas (Platts IFERC) Basis Futures	804	SZ	2,500
TETCO STX Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	878	Q2	2,500

L			
TETCO STX Natural Gas (Platts Gas Daily) Swing Futures	885	T2	2,500
Tennessee Zone O Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	879 886	Q4 T4	2,500
Tennessee Zone 0 Natural Gas (Platts Gas Daily) Swing Futures NGPL STX Natural Gas (Platts IFERC) Basis Futures	875	T5	2,500 2,500
Transco Zone 3 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	880	Y6	2,500
Transco Zone 3 Natural Gas (Platts Gas Daily) Futures  Transco Zone 3 Natural Gas (Platts Gas Daily) Swing Futures	889	T6	2,500
Tennessee 500 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	881	Y7	2,500
Tennessee 500 Leg Natural Gas (Platts Gas Daily) Swing Futures	890	Т7	2,500
MichCon Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	882	Y8	2,500
MichCon Natural Gas (Platts Gas Daily) Swing Futures	891	Т8	2,500
SoCal City-Gate Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	455	N5	2,500
SoCal City-Gate Natural Gas (Platts Gas Daily) Swing Futures	459	Т9	2,500
Questar Natural Gas (Platts IFERC) Basis Futures	769	TA	2,500
Texas Gas, Zone SL Natural Gas (Platts IFERC) Basis Futures	772	TB	2,500
TETCO ELA Natural Gas (Platts IFERC) Basis Futures	640	TE	2,500
Transco Zone 4 Natural Gas (Platts IFERC) Basis Futures	805	TR	2,500
TETCO STX Natural Gas (Platts IFERC) Basis Futures	641	TX	2,500
Transco Zone 5 Natural Gas (Platts Gas Daily) Swing Futures	1288	TZ5	2,500
Transco Zone 6 Non-N.Y. Natural Gas (Platts IFERC) Basis Futures	1295	TZ6	2,500
Transco Zone 6 Non-N.Y. Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	1293 1287	TZI TZS	2,500 2,500
Transco Zone 6 Non-N.Y. Natural Gas (Platts Gas Daily) Swing Futures Short-Term Natural Gas Option	1066	U01-U31	10,000
CIG Rockies Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	883	Z8	2,500
CIG Rockies Natural Gas (Platts Gas Daily) Swing Futures	892	U8	2,500
Ventura Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	815	VI	2,500
Ventura Natural Gas (Platts Gas Daily) Swing Futures	822	VS	2,500
CenterPoint Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	810	II	2,500
CenterPoint Natural Gas (Platts Gas Daily) Swing Futures	817	VX	2,500
Tennessee 800 Leg Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	445	L4	2,500
Tennessee 800 Leg Natural Gas (Platts Gas Daily) Swing Futures	673	W5	2,500
Malin Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	389	V8	2,500
Malin Natural Gas (Platts Gas Daily) Swing Futures	887	W9	2,500
Waha Natural Gas (Platts IFERC) Basis Futures	634	NW	2,500
Waha Natural Gas (Platts IFERC) Basis Option	634B	50	2,500
Waha Natural Gas (Platts IFERC) Fixed Price Futures	1282	WFS	2,500
Columbia Gulf, Mainline Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures Columbia Gulf, Mainline Natural Gas (Platts Gas Daily) Swing Futures	444 649	L2 X2	2,500 2,500
Transco Zone 2 Natural Gas (Platts Gas Daily) Platts IFERC) Index Futures	443	L7	2,500
Transco Zone 2 Natural Gas (Platts Gas Daily) Flatts in Ency mack futures	648	X3	2,500
Transco Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	442	C4	2,500
Transco Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	646	X4	2,500
Florida Gas, Zone 2 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	441	C3	2,500
Florida Gas, Zone 2 Natural Gas (Platts Gas Daily) Swing Futures	463	X5	2,500
Texas Eastern, WLA Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	440	C2	2,500
Texas Eastern, WLA Natural Gas (Platts Gas Daily) Swing Futures	462	X8	2,500
Panhandle Natural Gas (Platts IFERC) Basis Futures	525	PH	2,500
Panhandle Natural Gas (Platts IFERC) Basis Option	525B	5K	2,500
Panhandle Natural Gas (Platts IFERC) Fixed Price Futures	1281	XH	2,500
Houston Ship Channel Natural Gas (Platts IFERC) Basis Futures	518	NH	2,500
Houston Ship Channel Natural Gas (Platts IFERC) Basis Option	518B	5F	2,500
Houston Ship Channel Natural Gas (Platts IFERC) Fixed Price Futures	1283	XJ	2,500
SoCal Natural Gas (Platts IFERC) Fixed Price Futures Rockies Natural Gas (Platts IFERC) Basis Futures	507 524	XN NR	2,500 2,500
Rockies Natural Gas (Platts IFERC) Basis Putules  Rockies Natural Gas (Platts IFERC) Basis Option	524B	51	2,500
Rockies Natural Gas (Platts IFERC) Fixed Price Futures	1280	XR	2,500
San Juan Natural Gas (Platts IFERC) Basis Futures	519	NJ	2,500
San Juan Natural Gas (Platts IFERC) Fixed Price Futures	1278	XX	2,500
Texas Gas, Zone 1 Natural Gas (Platts Gas Daily/Platts IFERC) Index Futures	446	N4	2,500
Texas Gas, Zone 1 Natural Gas (Platts Gas Daily) Swing Futures	674	Y9	2,500
Propane Non-LDH Mont Belvieu (OPIS) Futures	414	1R	42,000
Propane Non-LDH Mont Belvieu (OPIS) BALMO Futures	415	15	42,000
Mont Belvieu Phyiscal Iso-Butane (OPIS) Futures	368	3L	42,000
Mont Belvieu Physical Normal Butane (OPIS) Futures	366	3M	42,000
Mont Belvieu Physical LDH Propane (OPIS) Futures	365	3N	42,000
Mont Belvieu Physical Non-LDH Propane (OPIS) Futures	364	3P	42,000
Mont Belvieu Physical Ethane (OPIS) Futures  Mont Belvieu Physical Natural Casalina (OPIS) Futures	369 367	3Q 2B	42,000
Mont Belvieu Physical Natural Gasoline (OPIS) Futures	367	3R	42,000

Argus Propane Far East Index vs. European Propane CIF ARA (Argus) Futures	581	91	1,000
Argus Propane Far East Index BALMO Futures	588	22	1,000
Mini Argus Propane Far East Index Futures	850	MAE	100
Argus Propane Far East Index Futures	590	7E	1,000
Daily Mont Belvieu Natural Gasoline (Non-LDH) (OPIS) Futures	138	C5D	42,000
Mont Belvieu Natural Gasoline (OPIS) Average Price Option	405A	41	42,000
Mont Belvieu Natural Gasoline (OPIS) BALMO Futures	297	RO	42,000
Mont Belvieu Natural Gasoline (OPIS) Futures	405	7Q	42,000
Mont Belvieu Iso-Butane (OPIS) Futures	406	81	42,000
Conway Propane (OPIS) BALMO Futures Conway Propane (OPIS) Average Price Option	133 132	CPB CPR	42,000 42,000
Conway Propane (OPIS) Average Price Option  Conway Propane (OPIS) Futures	257	8K	42,000
Conway Natural Gasoline (OPIS) BALMO Futures	134	CGB	42,000
Conway Natural Gasoline (OPIS) Futures	258	8L	42,000
Conway Normal Butane (OPIS) BALMO Futures	135	CBB	42,000
Conway Normal Butane (OPIS) Futures	259	8M	42,000
Mini Argus Propane (Saudi Aramco) Futures	851	MAS	100
Argus Propane (Saudi Aramco) Futures	589	9N	1,000
Mont Belvieu LDH Propane (OPIS) vs. Argus Propane Far East Index Futures	420	31	1,000
Mont Belvieu LDH Propane (OPIS) vs. European Propane CIF ARA (Argus) Futures	421	51	1,000
Mont Belvieu LDH Propane (OPIS) Futures	409	В0	42,000
Daily Mont Belvieu LDH Propane (OPIS) Futures	136	C3D	42,000
Mont Belvieu LDH Propane (OPIS) Average Price Option	409A	4H	42,000
Mont Belvieu Mini LDH Propane (OPIS) Futures	400	81	4,200
Mont Belvieu LDH Propane (OPIS) BALMO Futures  Mont Belvieu Ethane (OPIS) Futures	296	80	42,000
Mont Belvieu Ethane (OPIS) Futures  Mont Belvieu Ethane (OPIS) Average Price Option	410 410A	C0 4J	42,000 42,000
Mont Belvieu Ethane (OPIS) BALMO Futures	298	40 8C	42,000
Conway Physical Propane In-Well (OPIS) Futures	241	CPP	42,000
Daily Mont Belvieu Normal Butane (Non-LDH) (OPIS) Futures	137	C4D	42,000
Mont Belvieu Normal Butane (OPIS) Futures	411	D0	42,000
Mont Belvieu Normal Butane (OPIS) Average Price Option	411A	4K	42,000
Mont Belvieu Normal Butane (OPIS) BALMO Futures	299	8J	42,000
Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil 0.1% Barges FOB Rdam (Platts) Futures	1123	GFN	1,000
European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil 50 ppm Barges FOB Rdam (Pla	1124	ENF	1,000
Mont Belvieu Spot Ethylene In-Well (PCW) Futures	242	MBE	100,000
Mont Belvieu LDH Iso-Butane (OPIS) Futures	1188	MBL	42,000
Mont Belvieu Ethylene (PCW) BALMO Futures	587	MBB	100,000
Mont Belvieu Ethylene (PCW) Financial Futures	602	MBN	100,000
Mont Belvieu Normal Butane LDH (OPIS) Futures	395	MNB	42,000
European Propane CIF ARA (Argus) BALMO Futures European Propane CIF ARA (Argus) Futures	584 578	32 PS	1,000
Mini ULSD 10ppm Cargoes CIF NWE (Platts) vs. Gasoil (Euro Denominated) Futures	1059	MUL	1,000 100
HDPE High Density Polyethylene (PCW) BALMO Futures	1220	HPD	47,000
HDPE High Density Polyethylene (PCW) Financial Futures	139	HPE	47,000
LLDPE Linear Low Density Polyethylene (PCW) BALMO Futures	1221	LEL	47,000
LLDPE Linear Low Density Polyethylene (PCW) Financial Futures	140	LPE	47,000
Polypropylene Futures	599	P1	47,000
High Density Polyethylene (HDPE) Futures	600	P6	47,000
PGP Polymer Grade Propylene (PCW) Financial Futures	711	PGP	100,000
PP Polypropylene (PCW) Financial Futures	736	PPP	47,000
PP Polypropylene (PCW) BALMO Futures	1222	PPW	47,000
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	264	1Y	80
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	268	2F	80
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	265	1Z	80
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Real-Time LMP Futures	269	2H	80
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	266 270	2D	5 5
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Real-Time LMP Futures CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Real-Time LMP Futures	267	2J 2E	5
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Worlth Real-Time LMP Futures	271	2K	5
ERCOT Houston 345 kV Hub 50 MW Peak Futures	186	2N	800
ERCOT North 345 kV Hub 50 MW Peak Futures	190	2P	800
ERCOT South 345 kV Hub 50 MW Peak Futures	198	2Q	800
ERCOT West 345 kV Hub 50 MW Peak Futures	203	2R	800
ERCOT Houston 345 kV Hub 50 MW Off-Peak Futures	187	2W	50
ERCOT North 345 kV Hub 50 MW Off-Peak Futures	195	2X	50
ERCOT South 345 kV Hub 50 MW Off-Peak Futures	199	2Y	50

ERCOT West 345 kV Hub 50 MW Off-Peak Futures	204	3D	50
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	348	2Z	5
CAISO NP15 EZ Gen Hub 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	344	3X	5
PJM METED Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	273	46	5
PJM METED Zone Peak Calendar-Month Day-Ahead LMP Futures	272	47	80
PJM PENELEC Zone Peak Calendar-Month Day-Ahead LMP Futures	292	49	80
NYISO Zone F 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	907	4L	80
NYISO Zone F 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	908	4M	5
PJM PECO Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	182	4N	80
PJM PECO Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	183	4P	5
MISO Illinois Hub 5 MW Peak Calendar-Month Day-Ahead Futures	184	4Q	80
MISO Illinois Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures	185	4R	5
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	346	3Z	80
CAISO NP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	342	4X	80
PJM PENELEC Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	293 966	50 55	5 80
NYISO Zone E 5 MW Peak Calendar-Month Day-Ahead LBMP Futures  NYISO Zone E 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	967	58	5
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	349	4Z	5
CAISO SP15 EZ Gen Hub 5 MW Off-Peak Calendar-Day Day-Ahead LMP Futures	345	5X	5
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Option	1068	CSZ	80
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	343	9X	80
CAISO SP15 EZ Gen Hub 5 MW Peak Calendar-Day Day-Ahead LMP Futures	347	9Z	80
NYISO Zone C 5 MW Off-Peak Calendar-Month Day-Ahead LBMP Futures	963	A3	5
Alberta Power Pool Extended Off-Peak Calendar-Month Futures	642	AEF	5
Alberta Power Pool Extended Peak Calendar-Month Futures	606	AEX	80
Alberta Power Pool Extended Off-Peak Calendar-Day Futures	866	AFP	5
Alberta Power Pool Off-Peak Calendar-Day Futures	874	ALF	5
Alberta Power Pool Peak Calendar-Day Futures	873	ALP	80
Alberta Power Pool Calendar Day Futures	1049	AOD	5
Alberta Power Pool Calendar Month Futures	1050	AOM	5
Alberta Power Pool Off-Peak Calendar-Month Futures	841	APF	5
Alberta Power Pool Peak Calendar-Month Futures	783	APP	80
Alberta Power Pool Extended Peak Calendar-Day Futures	853	AXP	80
PJM Duquesne Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	898	D5	80
PJM Duquesne Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	899	D6	5
PJM AEP Dayton Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	156	D7	80
PJM AEP Dayton Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures	953	PAP	40
PJM ComEd Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	900	D8	80
PJM ComEd Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures  Dow Jones Mead/Marketplace Electricity Price Index 5 MW Off-Peak Futures	901	D9	5 5
Dow Jones Mead/Marketplace Electricity Price Index 5 MW Peak Futures	761 760	DMO DMP	80
Dow Jones Mid-Columbia Electricity Price Index 5 MW Peak Futures	643	DO	2.5
Dow Jones Palo Verde Electricity Price Index 5 MW Off-Peak Futures	759	DSO	5
Dow Jones Palo Verde Electricity Price Index 5 MW Peak Futures	758	DSP	80
PJM BGE Zone Peak Calendar-Month Day-Ahead LMP Futures	160	E3	80
PJM Western Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	175	E4	5
PJM Western Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures	951	PWO	2.5
PJM DPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	163	E8	5
PJM Eastern Hub Peak Calendar-Month Day-Ahead LMP Futures	164	E9	80
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Futures	1033	EHE	80
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	1041	EHF	80
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	1037	EHP	5
ERCOT Houston 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	1045	EHW	5
MISO Indiana Hub (formerly Cinergy Hub) Off-Peak LMP Futures	774A	EJ	975
MISO Indiana Hub (formerly Cinergy Hub) Real-Time Off-Peak Calendar-Month 5 MW Futui	803	H4	5
MISO Indiana Hub (formerly Cinergy Hub) Real-Time Peak Calendar-Month 2.5 MW Futures	774	EM	850
MISO Indiana Hub (formerly Cinergy Hub) 5 MW Month Peak Calendar-Month Real-Time Fi	802	Н3	80
MISO Indiana Hub (formerly Cinergy Hub) Peak Option on Calendar Futures Strip	921	OEM	12
MISO Indiana Hub (formerly Cinergy Hub) Peak Calendar-Month LMP Option	383	OY	850
ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	1040	ERA	5
ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Futures	1035	ERE	80
ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	1047	ERP	5
ERCOT North 345 kV Hub Day-Ahead 5 MW Off-Peak Futures	1039	ERU EDW	5 80
ERCOT North 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Futures	1043 1036	ERW EUE	80 80
ERCOT South 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures	1036	EUP	5
ERCOT South 345 kV Hub Day-Ahead 5 MW Peak Calendar-Day Futures	1048	EUW	80
	2044	2011	00

## FROOT WEST 354 VP HILD Day-Allead S MW OFF-Peak Calendar Day Futures    1049   EWF   35 KW PROOF	EDCOT West 245 IAV Hub Day, Aband 5 MW Dook Futures	1034	F\A/F	90
ERCOT West 345 KV Hub Day-Ahead S MV Poek Calendar-Day Futures         102         EWK         \$5           ERCOT West 345 KV Hub Day-Ahead S MV Poek Calendar-Day Futures         167         F2         5           PIM JCPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures         165         F4         5           PJM PPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures         171         F5         5           PJM PPL Zone Off-Peak Calendar-Month S MW Westures         107         F5         5           SMS Indiana Hub Day-Ahead Off-Peak Calendar-Day S MW Futures         1072         FDM         5           MSD Indiana Hub Bay-Ahead Off-Peak Calendar-Month S MW Futures         1073         FTM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month S MW Futures         1073         FTM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month MW Futures         1073         FTM         5           MSD Michigan Hub Off-Peak Calendar-Month MW Futures         776         HM         50           MSD Michigan Hub Off-Peak Calendar-Month Day-Ahead Futures         178         HM         50           MSD Michigan Hub S MW Off-Peak Calendar-Day Futures         113         HMW         80           MSD Michigan Hub S MW Off-Peak Futures         276         H         50           MSD Michigan Hu	ERCOT West 345 kV Hub Day-Ahead 5 MW Peak Futures  ERCOT West 345 kV Hub Day-Ahead 5 MW Off-Peak Calendar-Day Futures		EWE EWE	80 5
ERCOT West 3d Six Mub Day-Ahead S MW Peak Calendar-Day Futures   167	,			
PM LPT, Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	·			
PM Estater Hubb Off-Peak Calendar-Month Day-Alread LMP Futures         15         F.4         5           PMS PP Ezone Gif-Peak Calendar-Annoth Day-Alread LMP Futures         1076         F.AD         5           MSD Indiana Hub Day-Abed Off-Peak Calendar-Chay S MW Futures         1077         FDM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month S MW Futures         1077         FTD         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month S MW Futures         801         HZ         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month S MW Futures         801         HZ         5           SO New England Mass Hub Day-Ahead Off-Peak Calendar-Month M Futures         76         HM         80           MSD Indiana Hub Indiana Hub Indiana Multiple Marchard Month M Futures         776         HM         80           MSD Michigan Hub D Feak Calendar-Month M Futures         776         HM         80           MSD Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures         1134         HMW         80           ERCOT Houston 345 IV Hub S MW Peak Futures         276         H         MM           ERCOT Houston 345 IV Hub S MW Peak Futures         277         12         5           ERCOT Houston 345 IV Hub S MW Peak Futures         280         15         80           ERCOT Housto	· · · · · · · · · · · · · · · · · · ·			
PAM PPL Zone Off-Peak Calendar-Month Day-Ahead LMP Futures   1076   FAD   5	, ·			
MSD Indiana Hub Day-Ahed Off-Peak Calendar-Day S MW Futures         1076         FAD         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Cay-S MW Futures         1077         FTD         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Morth S MW Futures         1073         FTM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Morth S MW Futures         801         H2         5           MSD Indiana Hub (Formerly Cinergy Hub) Day-Ahead Peak Calendar-Morth S MW Futures         801         H2         5           MSD Indiana Hub (Formerly Cinergy Hub) Day-Ahead Peak Calendar-Morth S MW Futures         776         HM         80           MSD Michigan Hub Off-Peak Calendar-Morth LMP Futures         776         HM         850           MSD Michigan Hub S MW Peak Calendar-Morth LMP Futures         776         HM         80           MSD Michigan Hub S MW Peak Calendar-Day Futures         1134         HMW         80           ERCOT Houston 345 kV Hub S MW Peak Calendar-Day Futures         278         11         80           ERCOT Houston 345 kV Hub S MW Peak Futures         277         12         5           ERCOT Houston 345 kV Hub S MW Peak Futures         280         15         80           ERCOT Houston 345 kV Hub S MW Peak Futures         280         15         80           ERCOT Ho	•			
MSD Indiana Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures         1077         FDM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         1073         FTM         5           MSD Indiana Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         801         H2         5           MSD Indiana Hub (formerly Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures         891         H2         5           MISD Michigan Hub (Morenty Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures         776         HJ         975           MISD Michigan Hub S MW DOM (Peak Calendar-Month Day-Ahead Futures         1135         HMO         5           MISD Michigan Hub S MW Off-Peak Calendar-Month Day-Ahead Futures         1134         HMW         8           MISD Michigan Hub S MW Off-Peak Calendar-Month Day-Ahead Futures         276         HJ         80           ERCOT Houston 345 kV Hub S MW Peak Calendar-Day Futures         278         13         80           ERCOT Houston 345 kV Hub S MW Deak Calendar-Day Futures         277         12         5           ERCOT Houston 345 kV Hub S MW Off-Peak Calendar-Day Futures         280         15         80           ERCOT Houston 345 kV Hub S MW Off-Peak Calendar-Day Futures         281         16         5           ERCOT Houston 345 kV Hub S MW Geak Calendar-Day Futures         281	· ·			
MISD Indiana Hubs Real-Time Off-Peak Calendar-Apy 5 MW Futures         1077         FTD         5           SO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures         801         HZ         5           SO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures         879         H5         80           MISD Indiana Hub Off-Peak Calendar-Month IM Prutures         776         HM         89           MISD Michigan Hub Dreak Calendar-Month MP Futures         776         HM         89           MISD Michigan Hub S MW Deff-Peak Calendar-Month Day-Ahead Futures         1134         HMW         80           MISD Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures         1134         HMW         80           MISD Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures         276         H1         80           MISD Michigan Hub S MW Peak Calendar-Day Futures         278         13         80           ERCOT Houston 345 kV Hub S MW Peak Calendar-Day Futures         279         14         5           ERCOT Houston 345 kV Hub S MW Peak Futures         280         15         80           ERCOT Houston 345 kV Hub S MW Peak Futures         281         16         5           ERCOT Houston 345 kV Hub S MW Peak Calendar-Day Futures         281         16         5           ERCOT Houston 345				
MISD Indiana Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         1073         FTM         5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Peak Calendar-Month 5 MW Futures         801         H2         5           MISO Michigan Hub Off-Peak Calendar-Month LMP Futures         776         HJ         975           MISO Michigan Hub Peak Calendar-Month LMP Futures         776         HJ         975           MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures         1134         HMO         5           MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures         1134         HMW         80           ERCOT Houston 345 kW Hub 5 MW Peak Futures         276         I1         80           ERCOT Houston 345 kW Hub 5 MW Peak Calendar-Day Futures         278         I3         80           ERCOT Houston 345 kW Hub 5 MW Off-Peak Calendar-Day Futures         279         I4         5           ERCOT Houston 345 kW Hub 5 MW Off-Peak Futures         280         I5         80           ERCOT North 345 kW Hub 5 MW Off-Peak Futures         281         I6         5           ERCOT North 345 kW Hub 5 MW Off-Peak Futures         283         I8         3           ERCOT South 345 kW Hub 5 MW Off-Peak Futures         286         kI1         80           ERCOT South 345 kW Hub 5 MW Off-Peak Futures<	· · · · · · · · · · · · · · · · · · ·			
ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures         850         H2         \$8           MISD Indiana Hub (formerly Cinery Hub) Day-Ahead Peak Calendar-Month 5 MW Futures         76A         HJ         975           MISD Michigan Hub Deak Calendar-Month LMP Futures         776         HJ         975           MISD Michigan Hub S MW Off-Peak Calendar-Month Day-Ahead Futures         1135         HMO         5           MISD Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures         1134         HMW         80           MISD Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures         278         I3         80           ERCOT Houston 345 kW Hub S MW Peak Calendar-Day Futures         278         I3         80           ERCOT Houston 345 kW Hub S MW Off-Peak Calendar-Day Futures         277         I2         5           ERCOT Houston 345 kW Hub S MW Off-Peak Calendar-Day Futures         280         I5         80           ERCOT North 345 kW Hub S MW Off-Peak Futures         281         I6         5           ERCOT North 345 kW Hub S MW Off-Peak Calendar-Day Futures         281         I6         5           ERCOT South 345 kW Hub S MW Off-Peak Calendar-Day Futures         284         I9         80           ERCOT South 345 kW Hub S MW Off-Peak Calendar-Day Futures         286         k1         80     <	·			
MISD Indiana Hub (formerty Cinergy Hub) Day-Albead Peak Calendar-Month 5 MW Futures 776A HJ 975 MISO Michigan Hub Off-Peak Calendar-Month LMP Futures 7766 HM 850 MISO Michigan Hub S MW POR Calendar-Month Day-Albead Futures 1135 HMO 35 MISO Michigan Hub 5 MW Peak Calendar-Month Day-Albead Futures 1135 HMO 35 MISO Michigan Hub 5 MW Peak Calendar-Month Day-Albead Futures 1134 HMW 80 ERCOT Houston 345 kV Hub 5 MW Peak Futures 276 II 80 ERCOT Houston 345 kV Hub 5 MW Peak Futures 277 I2 5 ERCOT Houston 345 kV Hub 5 MW Peak Futures 277 I2 5 ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures 277 I2 5 ERCOT Houston 345 kV Hub 5 MW Off-Peak Futures 277 I2 5 ERCOT Houston 345 kV Hub 5 MW Off-Peak Futures 278 I3 80 ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures 280 I5 80 ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures 280 I5 80 ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures 281 I6 5 ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures 281 I6 5 ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures 281 I6 5 ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 KI 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 287 MI 5 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 287 MI 6 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 287 MI 6 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 287 MI 95 ERCOT South 345 kV Hub 5 MW Peak Calendar-Month MP Futures 387 MW Peak Calendar-Month Day-Abead LMP Futures 387 MW Peak Calendar-Month Day-Abead LMP Futures 387 MW Peak Calendar-Month Day-Abead LMP Futures 388 MW Peak Calendar-Month Day-Abead LMP Futures 389 MW Peak Calendar-Month Day-Day Day Day Day Day Day Day Day Day Day				
MISO Michigan Nub Off-Peak Calendar-Month LMP Futures 776 HJ 975 MISO Michigan Nub Peak Calendar-Month LMP Futures 776 HM 850 MiSO Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures 1135 HM0 5 MM Peak Calendar-Month Day-Ahead Futures 1134 HMW 80 SERCOT Houston 345 VH Hub S MW Peak Futures 276 11 80 ERCOT Houston 345 VH Hub S MW Peak Futures 276 11 80 ERCOT Houston 345 VH Hub S MW Peak Futures 277 12 81 81 81 81 81 81 81 81 81 81 81 81 81	,			
MISD Michigan Hub Peak Calendar-Month IMP Futures         7.76         HM         850           MISO Michigan Hub 5 MW Off-Peak Calendar-Month Day-Ahead Futures         1134         HMW         5           MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures         276         I.1         80           ERCOT Houston 345 KV Hub 5 MW Peak Calendar-Day Futures         278         I.3         80           ERCOT Houston 345 KV Hub 5 MW Peak Calendar-Day Futures         279         I.2         3           ERCOT Houston 345 KV Hub 5 MW Off-Peak Calendar-Day Futures         280         I.5         80           ERCOT Houston 345 KV Hub 5 MW Off-Peak Futures         280         I.5         80           ERCOT North 345 KV Hub 5 MW Off-Peak Futures         281         I.6         5           ERCOT North 345 KV Hub 5 MW Off-Peak Futures         281         I.6         5           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         286         KI         80           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         286         KI         80           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         287         MI         5           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         288         KI         80           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Calendar-	, , , , ,			
MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures         1135         HMO         5           MISO Michigan Hub 5 MW Peak Calendar-Month Day-Ahead Futures         276         I1         80           ERCOT Houston 345 KV Hub 5 MW Peak Futures         277         I2         5           ERCOT Houston 345 KW Hub 5 MW Off-Peak Calendar-Day Futures         277         I2         5           ERCOT Houston 345 KW Hub 5 MW Off-Peak Calendar-Day Futures         280         I5         80           ERCOT Houston 345 KW Hub 5 MW Off-Peak Calendar-Day Futures         281         I6         5           ERCOT North 345 KV Hub 5 MW Peak Calendar-Day Futures         281         I6         5           ERCOT North 345 KV Hub 5 MW Peak Calendar-Day Futures         281         I6         5           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         286         K1         80           ERCOT South 345 KV Hub 5 MW Peak Calendar-Day Futures         286         K1         80           ERCOT South 345 KV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 KV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 KV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 KV Hub 5 MW Off-Pe				
MISO Michigan Hub S MW Peak Calendar-Month Day-Ahead Futures   1134   HMW   80				
ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures         276         11         80           ERCOT Houston 345 kV Hub 5 MW Off-Peak Lutures         277         12         5           ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         279         14         5           ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures         280         15         80           ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures         281         16         5           ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures         281         16         5           ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         281         19         80           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         284         19         80           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         286         K1         80           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 kV Hub 5 MW Off-Peak	· ·			
ERCOT Houston 345 kV Hub 5 MW Peak Calendar-Day Futures	· ·			
ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures   279   14   5				
ERCOT Houston 345 kV Hub 5 MW Off-Peak Calendar-Day Futures   280   15   80	· ·			
ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures         282         17         80           ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures         281         16         5           ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         281         18         5           ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         284         19         80           ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures         286         K1         80           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         285         J1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           PIM ICPL Zone Peak Calendar-Month Day-Ahead LMP Putures         166         J2         80           PIM IVED Zone Peak Calendar-Month Day-Ahead LMP Option         923         JCL         80           PIM Western Hub Day-Ahead Peak Calendar-Month S MW Futures         174         JA         80           PIM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PIM Western Hub Boay-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PIM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PIM Western Hub Real-				
ERCOT North 345 kV Hub 5 MW Peak Calendar-Day Futures   281   16   5	·			
ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 283 8 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 284 99 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 K1 80 ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 286 K1 80 ERCOT South 345 kV Hub 5 MW Off-Peak Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Futures 166 J2 80 PJM IVEPL Zone Peak Calendar-Month Day-Ahead LMP Option 923 JCL 80 PJM Western Hub Day-Ahead Peak Calendar-Day L5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures 950 PWP 40 PJM Western Hub Bo JMW Peak Calendar-Day 2.5 MW Futures 178 45 800 PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures 178 45 800 PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures 637 JD 40 PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures 637 JD 40 PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures 635 JM 850 PJM Calendar-Month LMP Option 380 JO 850 PJM Calendar-Month LMP Option 380 JO 850 PJM Calendar-Month LMP Option 312 PML 20 PJM Electricity Option on Calendar Futures Strip 975 PJM Western Hub Peak Calendar-Month Real-Time LMP Futures 635A JP 975 PJM Western Hub Real-Time Off-Peak Calendar-Nonth 5 MW Futures 952 W0R 2.5 MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead D6ff-Peak Calendar-Month 5 MW Futures 952 W0R 2.5 MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 902 K3 80 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 902 K3 80 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 903 K4 95 NYISO Zone O Day-Ahead Off-Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone O Day-Ahead Off-Peak				
ERCOT North 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         284         19         80           ERCOT South 345 kV Hub 5 MW Peak Futures         286         K1         80           ERCOT South 345 kV Hub 5 MW Off-Peak Futures         285         J1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         285         J1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         166         J2         80           PIM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures         166         J2         80           PIM JCPL Zone Peak Calendar-Month Day-Ahead LMP Poption         923         JCL         80           PIM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         950         PWP         40           PIM Western Hub Day-Ahead Peak Calendar-Month Real-Time LMP Futures         178         45         800           PIM Western Hub So MW Peak Calendar-Month Real-Time LMP Futures         637         JD         40           PIM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         637         JD         40           PIM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PIM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PIM Western H	·			
ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures         286         K1         80           ERCOT South 345 kV Hub 5 MW Deff-Peak Calendar-Day Futures         285         J1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         287         M1         5           ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Morth Day-Ahead LMP Futures         166         J2         80           PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option         923         JCL         80           PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         950         PWP         40           PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         950         PWP         40           PJM Western Hub Day-Ahead Deak Calendar-Month Real-Time LMP Futures         178         45         800           PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Western Hub Real-Time Peak Calendar-Month Peak Calendar-Month LMP Option         312         PML         20           PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM So MW Calendar-Month LMP Option         312         PML				
ERCOT South 345 kV Hub 5 MW Peak Calendar-Day Futures 285 J1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Entures 285 J1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Entures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 166 J2 80 PJM ICPL Zone Peak Calendar-Month Day-Ahead LMP Futures 166 J2 80 PJM ICPL Zone Peak Calendar-Month Day-Ahead LMP Option 923 JCL 80 PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Month Real-Time LMP Futures 178 45 800 PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures 178 45 800 PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures 637 JD 40 PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures 637 JD 40 PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures 635 JM 850 PJM Calendar-Month LMP Option 380 JO 850 PJM Western Hub Peak Calendar-Month Real-Time LMP Futures 176 L1 80 PJM SO MW Calendar-Month LMP Option 312 PML 20 PJM Electricity Option on Calendar Futures Strip 354 60 12 PJM Off-Peak Calendar-Month LMP Futures 355 JP 975 PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures 177 N9 5 PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures 952 WOR 2.5 PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures 952 WOR 2.5 PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures 952 WOR 2.5 PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures 960 AM 40 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 903 K4 50 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 903 K4 50 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 903 K4 50 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 903 K4 50 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 903 K4 50 N	•			
ERCOT South 345 kV Hub 5 MW Off-Peak Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 287 M1 5 ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures 166 12 80 PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option 923 JCL 80 PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures 174 JA 80 PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures 950 PWP 40 PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures 950 PWP 40 PJM Western Hub So MW Peak Calendar-Month Real-Time LMP Futures 178 45 800 PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures 179 12 12 12 12 12 12 12 12 12 12 12 12 12				
ERCOT South 345 kV Hub 5 MW Off-Peak Calendar-Day Futures         166         12         80           PJM ICPL Zone Peak Calendar-Month Day-Ahead LMP Option         923         JCL         80           PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         174         14         80           PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PJM Western Hub SD MW Peak Calendar-Day 2.5 MW Futures         178         45         800           PJM Western Hub SD AW Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM Western Hub Real-Time off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5	· ·			
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Futures         166         J2         80           PJM LCPL Zone Peak Calendar-Month Day-Ahead LMP Option         923         JCL         80           PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         174         JA         80           PJM Western Hub Day-Ahead Peak Calendar-Month Real-Time LMP Futures         950         PWP         40           PJM Western Hub SD MW Peak Calendar-Month Real-Time LMP Futures         178         45         800           PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Western Hub Real-Time Peak Calendar-Month LMP Option         380         JO         850           PJM Western Hub Peak Calendar-Month LMP Option         312         PML         20           PJM SD OMV Calendar-Month LMP Option         312         PML         20           PJM SD OMV Calendar-Month LMP Option         312         PML         20           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         635A         JP         975           PJM Western Hub				
PJM JCPL Zone Peak Calendar-Month Day-Ahead LMP Option         923         JCL         80           PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         174         J4         80           PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PJM Western Hub Real-Time Peak Calendar-Month Real-Time LMP Futures         178         45         800           PJM Western Hub Real-Time Peak Calendar-Month Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         176         11         80           PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         11         80           PJM Western Hub Peak Calendar-Month LMP Option         312         PML         20           PJM Western Hub Peak Calendar-Month LMP Futures         176         9M         9M           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5	, ,			
PJM Western Hub Day-Ahead Peak Calendar-Month 5 MW Futures         950         PWP         40           PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PJM Western Hub Ds OM Peak Calendar-Month Real-Time LMP Futures         178         4S         800           PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         635         JM         850           PJM Western Hub Peak-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Detrion         312         PML         20           PJM SO MW Calendar-Month LMP Evitures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         918         K2         5           MYISO Zone A Day-Ahead Peak Calendar-	,			
PJM Western Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures         950         PWP         40           PJM Western Hub 50 MW Peak Calendar-Month Real-Time LMP Futures         178         45         800           PJM West Hub RT Same Day Option         1069         J01-J31         800           PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Option on Calendar Futures Strip         354         60         12           PJM Off-Peak Calendar-Futures Strip         354         60         12           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         55           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           NYISO Zone A Day-Ahead Peak Calendar-Toay 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak	, ,			
PJM Western Hub 50 MW Peak Calendar-Month Real-Time LMP Futures         178         4S         800           PJM West Hub RT Same Day Option         1069         J01-J31         800           PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         962         K3         80           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616B         AN         40           NYISO Zone GA Day-Ahead Peak Calendar-Month 5 MW Futures	,			
PJM West Hub RT Same Day Option         1069         J01-J31         800           PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM Electricity Option on Calendar Futures Strip         354         60         12           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM West Hub RT 50 MW Off-Peak Option         1179         N9P         50           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         893         K2         5           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option         902 <t< td=""><td>· · · · · · · · · · · · · · · · · · ·</td><td></td><td></td><td></td></t<>	· · · · · · · · · · · · · · · · · · ·			
PJM Western Hub Real-Time Peak Calendar-Day 2.5 MW Futures         637         JD         40           PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM 50 MW Calendar-Month LMP Option         312         PML         20           PJM 61 Feak Calendar-Month LMP Option         312         PML         20           PJM 0ff-Peak Calendar-Month LMP Futures Strip         354         60         12           PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           NJSO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         902         K3         80           NYISO Zone A Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option				
PJM Western Hub Real-Time Peak Calendar-Month 2.5 MW Futures         635         JM         850           PJM Calendar-Month LMP Option         380         JO         850           PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM SO MW Calendar-Month LMP Option         312         PML         20           PJM Electricity Option on Calendar Futures Strip         354         60         12           PJM Gestern Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         1179         N99         5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616B         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         902         K3         80           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616A         KB         975           NYISO Zon	, · ·	637	JD	40
PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM SD MW Calendar-Month LMP Option         312         PML         20           PJM Electricity Option on Calendar Futures Strip         354         60         12           PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         893         K2         5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616A         KB         975           NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures         617         KG         400 <td>, '</td> <td>635</td> <td>JM</td> <td>850</td>	, '	635	JM	850
PJM Western Hub Peak Calendar-Month Real-Time LMP Futures         176         L1         80           PJM SD MW Calendar-Month LMP Option         312         PML         20           PJM Electricity Option on Calendar Futures Strip         354         60         12           PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         680         ZAO         2.5           NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures         617         KG         400     <			JO	850
PJM 50 MW Calendar-Month LMP Option         312         PML         20           PJM Electricity Option on Calendar Futures Strip         354         60         12           PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futu         893         K2         5           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         616B         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         902         K3         80           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         903         K4         5           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         680         ZAO         2.5           NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures         680         ZAO         2.5           NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures         617B         GN         40           NYISO Zone	·	176	L1	80
PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM West Hub RT 50 MW Off-Peak Option         1179         N9P         50           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Fut         893         K2         5           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         902         K3         80           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         903         K4         5           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616A         KB         975           NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures         680         ZAO         2.5           NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures         617         KG         400           NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures         904         T3         80           N		312	PML	20
PJM Off-Peak Calendar-Month LMP Futures         635A         JP         975           PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures         177         N9         5           PJM West Hub RT 50 MW Off-Peak Option         1179         N9P         50           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Fut         893         K2         5           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         902         K3         80           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         903         K4         5           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616A         KB         975           NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures         680         ZAO         2.5           NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures         617         KG         400           NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures         904         T3         80           N	PJM Electricity Option on Calendar Futures Strip	354	60	12
PJM West Hub RT 50 MW Off-Peak Option         1179         N9P         50           PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures         952         WOR         2.5           MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futu         893         K2         5           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         6168         AN         40           NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures         616         KA         400           NYISO Zone A Peak LBMP Futures         616         KA         400           NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option         902A         9T         80           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         903         K4         5           NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures         616A         KB         975           NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures         617B         GN         40           NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures         617         KG         400           NYISO Zone G Peak LBMP Futures         904         T3         80           NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures         905         D2         5           NYISO Zone G Day-Ahead Off-Peak Calendar-D		635A	JP	975
PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures  MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futu 893 K2 5 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 6168 AN 40 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 903 K4 9T 80 NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option 902A 9T 80 NYISO Zone A Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Off-Peak LBMP Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 616B ZAO 2.5 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617C KG 400 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 907 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 908 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D3 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80	PJM Western Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	177	N9	5
PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures  MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futu 893 K2 5 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 6168 AN 40 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 903 K4 9T 80 NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option 902A 9T 80 NYISO Zone A Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Off-Peak LBMP Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 616B ZAO 2.5 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617C KG 400 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 907 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 908 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D3 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 909 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9100 D3 80	PJM West Hub RT 50 MW Off-Peak Option	1179	N9P	50
MISO Indiana Hub (formerly Cinergy Hub) Day-Ahead Off-Peak Calendar-Month 5 MW Futu 893 K2 5 NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 616B AN 40 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option 902A 9T 80 NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Off-Peak LBMP Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 680 ZAO 2.5 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 950 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9106 D3 NYISO Zone J Day-Ahead Peak Calendar-Month Day-	PJM Western Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures	952	WOR	
NYISO Zone A Day-Ahead Peak Calendar-Day 2.5 MW Futures 902 K3 80 NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 902 K3 80 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Day-Ahead Off-Peak Calendar-Month Day-Ahead LBMP Option 902A 9T 80 NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 680 ZAO 2.5 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 950 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 9618 JN 40 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80	,			
NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 616 KA 400 NYISO Zone A Peak LBMP Futures 902A 9T 80 NYISO Zone A Day-Ahead Off-Peak Calendar-Month Day-Ahead LBMP Option 902A 9T 80 NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Off-Peak LBMP Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 680 ZAO 2.5 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 905 D2 5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Peak LBMP Futures 906 D3 906 D3 80				
NYISO Zone A Peak LBMP Futures  NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option  NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures  NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures  NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures  NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures  NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone G Peak LBMP Futures  NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures  NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures  NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures  NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures  So New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures  NYISO Zone J Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option  NYISO Zone J Peak LBMP Futures	NYISO Zone A Day-Ahead Peak Calendar-Month 5 MW Futures	902	К3	80
NYISO Zone A 5 MW Peak Calendar-Month Day-Ahead LBMP Option  NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures  903 K4 5  NYISO Zone A Off-Peak LBMP Futures 616A KB 975  NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 680 ZAO 2.5  NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40  NYISO Zone G Peak LBMP Futures 617 KG 400  NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80  NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80  NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5  NYISO Zone G Off-Peak LBMP Futures 617A KH 975  NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617A KH 975  NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 905 D2 5  ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5  ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975  NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80  NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 918 DAy-Ahead Peak Calendar-Day 2.5 MW Futures 928 DAy-Ahead Peak Calendar-Month 5 MW Futures 930 DAy-Ahead Peak Calendar-Month 5 MW Futures 940 DAy-Ahead Peak Calendar-Month 5 MW Futures 950 DAy-Ahead Peak Calendar-Day 2.5 MW Futures	, ·			
NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures 903 K4 5 NYISO Zone A Off-Peak LBMP Futures 616A KB 975 NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 680 ZAO 2.5 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 400 NYISO Zone G Peak LBMP Futures 617 KG 400 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 905 D2 5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80				
NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Peak LBMP Futures 617 KG 400 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone A Day-Ahead Off-Peak Calendar-Month 5 MW Futures	903	K4	5
NYISO Zone A Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures 617B GN 40 NYISO Zone G Peak LBMP Futures 617 KG 400 NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G Day-Ahead Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	· · · · · · · · · · · · · · · · · · ·			
NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures       617B       GN       40         NYISO Zone G Peak LBMP Futures       617       KG       400         NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures       904       T3       80         NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option       904A       9U       80         NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures       905       D2       5         NYISO Zone G Off-Peak LBMP Futures       617A       KH       975         NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures       687       ZGO       2.5         ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures       959       IDO       2.5         ISO New England Mass Hub Off-Peak LMP Futures       756A       KI       975         NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures       906       D3       80         NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures       618B       JN       40         NYISO Zone J Peak LBMP Futures       618       KJ       400         NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option       906A       9V       80				
NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone G Day-Ahead Peak Calendar-Day 2.5 MW Futures	617B	GN	40
NYISO Zone G Day-Ahead Peak Calendar-Month 5 MW Futures 904 T3 80 NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80				400
NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option 904A 9U 80 NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures 905 D2 5 NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80				
NYISO Zone G Off-Peak LBMP Futures 617A KH 975 NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone G 5 MW Peak Calendar-Month Day-Ahead LBMP Option	904A	9U	80
NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 687 ZGO 2.5 ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J S MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone G Day-Ahead Off-Peak Calendar-Month 5 MW Futures	905	D2	5
ISO New England Mass Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures 959 IDO 2.5 ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone G Off-Peak LBMP Futures	617A	KH	975
ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone G Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures	687	ZGO	2.5
ISO New England Mass Hub Off-Peak LMP Futures 756A KI 975 NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures 906 D3 80 NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures 618B JN 40 NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	· · · · · · · · · · · · · · · · · · ·			
NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures906D380NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures618BJN40NYISO Zone J Peak LBMP Futures618KJ400NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option906A9V80				
NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures618BJN40NYISO Zone J Peak LBMP Futures618KJ400NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option906A9V80		7304		
NYISO Zone J Peak LBMP Futures 618 KJ 400 NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80			D3	80
NYISO Zone J 5 MW Peak Calendar-Month Day-Ahead LBMP Option 906A 9V 80	NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures	906		
	NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures	906 618B	JN	40
	NYISO Zone J Day-Ahead Peak Calendar-Month 5 MW Futures NYISO Zone J Day-Ahead Peak Calendar-Day 2.5 MW Futures NYISO Zone J Peak LBMP Futures	906 618B 618	K1 1M	40 400

NYISO Zone J Off-Peak LBMP Futures	618A	KK	975
NYISO Zone J Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures	688	ZJO	2.5
PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	153	L3	5
PJM Northern Illinois Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures	957	PNO	2.5
PJM PPL Zone Peak Calendar-Month Day-Ahead LMP Futures	170 172	L5 L6	80 80
PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Futures PJM PSEG Zone Peak Calendar-Month Day-Ahead LMP Option	922	PSG	80
PJM DPL Zone Peak Calendar-Month Day-Ahead LMP Futures	162	L8	80
ISO New England West Central Massachusetts Zone 5 MW Off-Peak Calendar-Month Day A	764	L9	5
MISO Minnesota Hub Off-Peak Calendar-Month LMP Futures	780A	IJ	975
MISO Minnesota Hub Peak Calendar-Month LMP Futures	780	LM	850
PJM ATSI Zone 5 MW Off-Peak Calendar-Day Day-Ahead Futures	1142	DOD	5
PJM ATSI Zone 5 MW Off-Peak Calendar-Month Day-Ahead Futures	1138	MOD	5
PJM ATSI Zone 5 MW Off-Peak Calendar-Day Real-Time Futures	1143	DOR	5
PJM ATSI Zone 5 MW Off-Peak Calendar-Month Real-Time Futures	1139	MOR	5
PJM ATSI Zone 5 MW Peak Calendar-Day Day-Ahead Futures	1140	DPD	80
PJM ATSI Zone 5 MW Peak Calendar-Month Day-Ahead Futures	1136	MPD	80
PJM ATSI Zone 5 MW Peak Calendar-Day Real-Time Futures	1141	DPR	80
PJM ATSI Zone 5 MW Peak Calendar-Month Real-Time Futures	1137	MPR	80
ERCOT West 345 kV Hub 5 MW Peak Futures	288	N1	80
ERCOT West 345 kV Hub 5 MW Peak Calendar-Day Futures	290	R1	80
PJM Northern Illinois Hub Day-Ahead LMP Peak Calendar-Month 5 MW Futures	152	N3	80
PJM Northern Illinois Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures	956	PNP	40
ISO New England Mass Hub Day-Ahead Peak Calendar-Day 2.5 MW Futures	756B	CE	40
ISO New England Mass Hub Peak LMP Option on Calendar Futures Strip	407	NEL	12
ISO New England Mass Hub Day-Ahead Peak Calendar-Month 2.5 MW Futures	756	NI	850
ISO New England Peak Calendar-Month LMP Option	381	OE	850
ISO New England Mass Hub 5 MW Peak Calendar-Month Day-Ahead LMP Futures	800	U6	80
NYISO NYC In-City Capacity Calendar-Month Futures	1106	NNC	5
NYISO Rest of the State Capacity Calendar-Month Futures	1105	NRS	5
ERCOT West 345 kV Hub 5 MW Off-Peak Futures	289	01	5
ERCOT West 345 kV Hub 5 MW Off-Peak Calendar-Day Futures	291	R4	5
Ontario Off-Peak Calendar-Day Futures	965	OFD	5
Ontario Off-Peak Calendar-Month Futures	961	OFM	5
MISO Illinois Hub Off-Peak Calendar-Month LMP Futures	778A	OJ	975
MISO Illinois Hub Peak Calendar-Month LMP Futures	778	OM	850
Ontario Peak Calendar-Day Futures	964	OPD	80
Ontario Peak Calendar-Month Futures	960	OPM	80
SO New England Connecticut Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	591	P2	80
SO New England Connecticut Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futur	592	Р3	5
ISO New England South East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead I	593	P4	80
ISO New England South East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahe	594	P5	5
ISO New England North East Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahead I	595	P7	80
ISO New England North East Massachusetts Zone 5 MW Off-Peak Calendar-Month Day-Ahe	596	P8	5
ISO New England Maine Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	597	P9	80
MISO Indiana Hub Day-Ahead Peak Calendar-Day 5 MW Futures	1074	PDD	80
MISO Indiana Hub Day-Ahead Peak Calendar-Month 5 MW Futures	1070	PDM	80
MISO Indiana Hub Real-Time Peak Calendar-Day 5 MW Futures	1075	PTD	80
MISO Indiana Hub Real-Time Peak Calendar-Month 5 MW Futures	1071	PTM	80
NYISO Zone C 5 MW Peak Calendar-Month Day-Ahead LBMP Futures	962	Q5	80
PJM PEPCO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	169	Q8	5
PJM BGE Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	161	R3	5
PJM DOM Zone Peak Calendar-Month Day-Ahead LMP Futures	274	R5	80
ISO New England West Central Massachusetts Zone 5 MW Peak Calendar-Month Day-Ahea	757	R6	80
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Day 2.5 MW Futures	954	PEO	2.5
PJM AEP Dayton Hub Day-Ahead Off-Peak Calendar-Month 5 MW Futures	157	R7	5
PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Option	924	PEP	80
PJM PEPCO Zone Peak Calendar-Month Day-Ahead LMP Futures	168	R8	80
PJM APS Zone Peak Calendar-Month Day-Ahead LMP Futures	158 275	S4	80
PJM DOM Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	275	U1	5
ISO New England New Hampshire Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futur	775	U2	80
ISO New England New Hampshire Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Fu	777 770	U3	5 80
ISO New England Rhode Island Zone 5 MW Peak Calendar-Month Day-Ahead LMP Futures	779 791	U4	80
ISO New England Rhode Island Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futu	781 804	U5	5 80
PJM Northern Illinois Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	894 294	B3	80 850
PJM Northern Illinois Hub Peak Calendar-Month LMP Option PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option on Calendar Futures S	384 1184	OU PJH	850 240

PJM Northern Illinois Hub Peak 50 MW Calendar-Month LMP Option	1182	PJN	20
PJM Northern Illinois Hub Real-Time Peak Calendar-Day 2.5 MW Futures	763	UD	40
PJM Northern Illinois Hub Real-Time Peak Calendar-Month 2.5 MW Futures	762	UM	850
PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	895	B6	5
PJM Northern Illinois Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures	958	NOC	2.5
PJM Northern Illinois Hub Off-Peak LMP Futures	762A	UO OT	975
PJM AEP Dayton Hub Peak Calendar-Month LMP Option	382	OT	850
PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option	1181	PJD PJP	20
PJM AEP Dayton Hub Peak 50 MW Calendar-Month LMP Option on Calendar Futures Strip	1183		240
PJM AEP Dayton Hub Real-Time Peak Calendar-Day 2.5 MW Futures	766 765	VD	40
PJM AEP Dayton Hub Real-Time Peak Calendar-Month 2.5 MW Futures PJM AEP Dayton Hub 5 MW Peak Calendar-Month Real-Time LMP Futures	765 896	VM Z9	850 80
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Day 2.5 MW Futures	955	AOR	2.5
PJM AEP Dayton Hub Real-Time Off-Peak Calendar-Month 5 MW Futures	933 897	V3	5
PJM AEP Dayton Hub Off-Peak LMP Futures	765A	VP	975
ISO New England Maine Zone 5 MW Off-Peak Calendar-Month Day-Ahead LMP Futures	598	W2	5
PJM APS Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	159	W4	5
PJM PSEG Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	173	W6	5
PJM AECO Zone Off-Peak Calendar-Month Day-Ahead LMP Futures	155	X1	5
PJM AECO Zone Peak Calendar-Month Day-Ahead LMP Futures	154	Y1	80
RME Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	314	KE	100
Argus Biodiesel RME FOB Rdam Futures	317	1A	100
East-West Gasoline Spread (Platts-Argus) Futures	1235	EWG	1,000
Singapore Mogas 92 Unleaded (Platts) Brent Crack Spread Futures	1085	1NB	1,000
Singapore Mogas 92 Unleaded (Platts) Dubai (Platts) Crack Spread Futures	1084	1ND	1,000
Singapore Mogas 92 Unleaded (Platts) vs. DME Oman Crude Oil Futures	127	DNB	1,000
Singapore Mogas 92 Unleaded (Platts) Futures	720	1N	1,000
Singapore Mogas 92 Unleaded (Platts) Average Price Option	1245	1N5	1,000
Singapore Mogas 92 Unleaded (Platts) BALMO Futures	721	1P	1,000
NY Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	413	1U	42,000
NY Jet Fuel (Platts) Futures	412	1Q	42,000
Jet Aviation Fuel Cargoes FOB MED (Platts) vs. Gasoil Futures	417	1V	1,000
Jet Aviation Fuel Cargoes FOB MED (Platts) Futures	416	1T	1,000
1% Fuel Oil Cargoes CIF MED (Platts) Futures	418	1W	1,000
1% Fuel Oil Cargoes CIF MED (Platts) BALMO Futures	1194	FOB	1,000
1% Fuel Oil Cargoes CIF NWE (Platts) Futures	419	1X	1,000
Heating Oil Crack Spread BALMO Futures	329	1H	1,000
Heating Oil Crack Spread Average Price Option	523A	3W	1,000
Heating Oil Crack Spread Futures	523	HK	1,000
Heating Oil Brent Crack Spread Futures	1097	НОВ	1,000
NY Harbor ULSD Heating Oil vs. Gasoil Futures	725	HA	42,000
Heating Oil BALMO Futures	328	1G	42,000
Heating Oil Last Day Financial Futures	829	23	42,000
Heating Oil Average Price Option	321	AT	42,000
Heating Oil Financial Futures	603	MP	42,000
SME Biodiesel FOB Rdam (Argus) Futures	504	24	100
PME Biodiesel FOB Rdam (Argus) Futures	505	25	100
RBOB Gasoline vs. NY Harbor ULSD Heating Oil Futures	558	RH	42,000
RBOB Gasoline Crack Spread BALMO Futures	327	1E	1,000
RBOB Gasoline Crack Spread Average Price Option	559A	3Y	1,000
RBOB Gasoline Crack Spread Futures	559	RM	1,000
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) (1000mt) Futures	1090	EXR	1,000
RBOB Gasoline vs. Euro-bob Oxy NWE Barges (Argus) Futures RBOB Gasoline Brent Crack Spread Futures	1206 1096	XER RBB	1,000 1,000
RBOB Gasoline BALMO Futures	326	1D	42,000
RBOB Gasoline Last Day Financial Futures	830	27	42,000
RBOB Gasoline Average Price Option	386	RA	42,000
RBOB Gasoline Financial Futures	556	RL	42,000
Chicago Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	451	3C	42,000
Chicago Unleaded Gasoline (Platts) Futures	450	2C	42,000
Premium Unleaded Gasoline 10 ppm CIF MED (Platts) Futures	465	2G	1,000
Premium Unleaded Gasoline 10 ppm CIF MED (Platts) BALMO Futures	468	6G	1,000
FAME 0 Biodiesel FOB Rdam (Argus) vs. Gasoil Futures	315	LE	100
FAME 0 Biodiesel FOB Rdam (Argus) Futures	318	2L	100
Gasoline 10 ppm FOB MED (Platts) Crack Spread Futures	1198	GKS	1,000
Premium Unleaded Gasoline 10 ppm FOB MED (Platts) Futures	466	3G	1,000
Premium Unleaded Gasoline 10 ppm FOB MED (Platts) BALMO Futures	469	8G	1,000
-			

Chicago ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	453	5C	42,000
Chicago ULSD (Platts) Futures	452	4C	42,000
Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) Futures	467	4G	1,000
Premium Unleaded Gasoline 10 ppm Cargoes CIF NWE (Platts) BALMO Futures	470	6D	1,000
Gulf Coast Heating Oil (Argus) vs. NY Harbor ULSD Heating Oil Futures	244	7U	42,000
Gulf Coast Heating Oil (Argus) Futures	243	4U	42,000
NY Jet Fuel (Argus) vs. NY Harbor ULSD Heating Oil Futures	248	5U	42,000
NY Jet Fuel (Argus) Futures	247	4Y	42,000
NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil Futures	246	7Y	42,000
NY ULSD (Argus) vs. NY Harbor ULSD Heating Oil BALMO Futures	1052	ULB	42,000
NY ULSD (Argus) Futures	245	5Y	42,000
3.5% Fuel Oil CIF MED (Platts) Futures 3.5% Fuel Oil CIF MED (Platts) BALMO Futures	471 472	7D 8D	1,000
European Gasoil Bullet Futures	712	7F	1,000 100
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread BALMO Futures	733	71 71	1,000
Gasoline Euro-bob Oxy NWE Barges (Argus) Crack Spread Futures	732	7K	1,000
Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) BALMO Futures	147	AES	8,330
Argus Gasoline Eurobob Oxy Barges NWE Crack Spread (1000mt) Futures	146	EOB	8,330
Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	729	7H	1,000
Gasoline Euro-bob Oxy NWE Barges (Argus) BALMO Futures	731	7R	1,000
Daily Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	238	GBR	1,000
Mini Gasoline Euro-bob Oxy NWE Barges (Argus) Futures	1197	MEO	100
Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	715	7L	1,000
Premium Unleaded Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	716	7N	1,000
Gulf Coast Heating Oil (OPIS) vs. NY Harbor ULSD Heating Oil Futures	256	7W	42,000
Gulf Coast Heating Oil (OPIS) Futures	255	70	42,000
EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) Futures	717	7P	1,000
EuroBob Gasoline 10 ppm Barges FOB Rdam (Platts) BALMO Futures	719	<b>7</b> S	1,000
NY 0.3% Fuel Oil HiPr (Platts) vs. NY Fuel Oil 1.0% (Platts) Futures	492	NYH	1,000
NY 0.3% Fuel Oil HiPr (Platts) Futures	464	8N	1,000
NY 0.3% Fuel Oil HiPr (Platts) BALMO Futures	483	NYB	1,000
EIA Flat Tax On-Highway Diesel Futures	301	A5	42,000
EIA Flat Tax On-Highway Diesel Average Price Option	311	DAP	1,000
Group Three ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures Group Three ULSD (Platts) Futures	325 324	A6 A7	42,000 42,000
Group Three Unleaded Gasoline (Platts) vs. RBOB Gasoline Futures	323	A7 A8	42,000
Group Three Unleaded Gasoline (Platts) Futures	322	A9	42,000
Gulf Coast Jet (Argus) Up-Down BALMO Futures	1099	GBA	1,000
Gulf Coast Jet (Argus) Up-Down Futures	570	JU	42,000
Gulf Coast Jet (Argus) Futures	567	AF	42,000
Gulf Coast ULSD (Argus) Up-Down BALMO Futures	1100	GUD	1,000
Gulf Coast ULSD (Argus) Up-Down Futures	569	US	42,000
Gulf Coast ULSD (Argus) Crack Spread Futures	571	CF	1,000
Gulf Coast ULSD (Argus) Futures	566	AJ	42,000
Gulf Coast Unl 87 (Argus) Crack Spread Futures	572	CK	1,000
Gulf Coast Unl 87 (Argus) Up-Down Futures	568	UZ	42,000
Gulf Coast Unl 87 (Argus) Futures	565	AW	42,000
European Gasoil Calendar Spread Option (One Month)	552	GXA	1,000
European Gasoil Calendar Spread Option (Two Month)	552	GXB	1,000
European Gasoil Calendar Spread Option (Three Month)	552	GXC	1,000
European Gasoil Calendar Spread Option (Six Month)	552	GXM	1,000
European Gasoil Calendar Spread Option (Twelve Month)	552 561	GXZ	1,000
European Gasoil Bullet Futures European-Style Gasoil Option	561 747	BG F8	1,000
Heating Oil Bullet Futures	825	го ВН	1,000 42,000
Heating Oil European Financial Option	551	LB	42,000
E-mini Heating Oil Futures	404	QH	21,000
Gulf Coast CBOB Gasoline A1 (Platts) Crack Spread Futures	981	CBC	1,000
Gulf Coast CBOB Gasoline A1 (Platts) vs. RBOB Gasoline Futures	979	CBA	42,000
Gulf Coast CBOB Gasoline A1 (Platts) Futures	980	СВО	42,000
Gulf Coast CBOB Gasoline A2 (Platts) Crack Spread Futures	978	GCG	1,000
Gulf Coast CBOB Gasoline A2 (Platts) vs. RBOB Gasoline Futures	976	CRB	42,000
Gulf Coast CBOB Gasoline A2 (Platts) Futures	977	CRG	42,000
European 1% Fuel Oil Cargoes FOB MED vs. European 1% Fuel Oil Cargoes FOB NWE Spreac	216	ENS	1,000
European 1% Fuel Oil Cargoes FOB MED (Platts) Futures	215	EFM	1,000
1% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures	1195	FOM	1,000
Mini 1% Fuel Oil Cargoes FOB MED (Platts) Futures	1247	MFD	100

FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	1148	FBT	100
FAME 0 Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	1147	FBD	100
Gulf Coast Unl 87 Gasoline M2 (Platts) Crack Spread Futures	975	GCC	1,000
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline BALMO Futures	1089	GBB	1,000
Gulf Coast Unl 87 Gasoline M2 (Argus) vs. RBOB Gasoline Futures	1101	RBG	1,000
Gulf Coast Unl 87 Gasoline M2 (Platts) vs. RBOB Gasoline Futures	973	RVG	42,000
Gulf Coast Unl 87 Gasoline M2 (Platts) Futures	974	GCM	1,000
Gulf Coast Unl 87 Gasoline M2 (Argus) Futures	1102	UGG	42,000
Gulf Coast Jet (Platts) Up-Down BALMO Futures	339	1M	42,000
Gulf Coast Jet (Platts) Up-Down Futures	608	ME	42,000
Gulf Coast Jet Fuel (Platts) Futures	528	GE	42,000
Gulf Coast Jet Fuel (Platts) Average Price Option	424	GVR	42,000
Gasoil 50 ppm Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	998	GRC	1,000
Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	996	GRB	1,000
Gasoil 50 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	997	GRS	1,000
Gasoil 50 ppm Barges FOB Rdam (Platts) BALMO Futures	995	GFL	1,000
Gasoil 50 ppm Barges FOB Rdam (Platts) Futures	994	GFS	1,000
Gulf Coast No. 2 (Platts) Up-Down Financial Futures	515	UT	42,000
Gulf Coast No. 2 (Platts) Crack Spread Futures	513	RD	1,000
Gulf Coast Heating Oil (Platts) Futures Gulf Coast Unl 87 (Platts) Crack Spread BALMO Futures	527 336	GP 1J	42,000 1,000
Gulf Coast Uni 87 Gasoline M1 (Platts) Crack Spread Futures	512	RU	1,000
Gulf Coast Unl 87 (Platts) Up-Down BALMO Futures	337	1K	42,000
Gulf Coast Unl 87 Gasoline M1 (Platts) vs. RBOB Gasoline Futures	557	RV	42,000
Gulf Coast Unl 87 (Platts) vs. Gulf Coast Heating Oil (Platts) Futures	607	MD	42,000
Gulf Coast Unl 87 Gasoline M1 (Platts) Futures	526	GS	42,000
Biodiesel SME Houston B-100 (Argus) Futures	1187	GSI	42,000
Diesel 10ppm Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	478	7X	1,000
European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	718	ET	1,000
Mini European Diesel 10 ppm Barges FOB Rdam (Platts) vs. Gasoil Futures	737	MUD	100
Diesel 10ppm Barges FOB Rdam (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	1126	BBU	1,000
European Diesel 10 ppm Barges FOB Rdam (Platts) Futures	730	GT	1,000
Diesel 10ppm Barges FOB Rdam (Platts) BALMO Futures	489	U7	1,000
European Gasoil Brent Crack Spread Futures	710	GZ	1,000
Gasoil Crack Spread (1000mt) Financial Futures	143	GOC	7,450
Gasoil Average Price Option	748	F7	1,000
European Gasoil Financial Futures	728	GX	1,000
Gasoil (Euro Denominated) Financial Futures	1056	IGE	1,000
Gasoil Mini Financial Futures	531	QA	100
Gasoil BALMO Futures	482	U9	1,000
NY 3.0% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	1086	FOC	1,000
NY 3.0% Fuel Oil (Platts) Futures	307	H1	1,000
NY 3.0% Fuel Oil (Platts) BALMO Futures	331	NYT	1,000
Heating Oil Crack Spread Option	350	CH	1,000
Heating Oil Calendar Spread Option (One Month)	392	FA	42,000
Heating Oil Calendar Spread Option (Two Month)	392	FB	42,000
Heating Oil Calendar Spread Option (Three Month)	392	FC	42,000
Heating Oil Calendar Spread Option (Six Month) Heating Oil Calendar Spread Option (Twelve Month)	392 392	FM FZ	42,000 42,000
New York Harbor ULSD Heating Oil Futures	150	HO	42,000
Heating Oil Option	320	ОН	42,000
Japan C&F Naphtha (Platts) Brent Crack Spread Futures	580	JB	1,000
East-West Naphtha: Japan C&F vs. Cargoes CIF NWE Spread (Platts) Futures	214	EWN	1,000
Japan C&F Naphtha (Platts) BALMO Futures	308	E6	1,000
Mini Japan C&F Naphtha (Platts) BALMO Futures	1062	E6M	100
Japan C&F Naphtha (Platts) Futures	579	JA	1,000
Japan C&F Naphtha (Platts) Average Price Option	1246	JA5	1,000
Mini Japan C&F Naphtha (Platts) Futures	852	MJN	100
EIA Flat Tax U.S. Retail Gasoline Futures	313	JE	42,000
Singapore Jet Kerosene (Platts) Dubai (Platts) Crack Spread Futures	1223	KSD	1,000
Singapore Jet Kerosene (Platts) vs. DME Oman Crude Oil Futures	1224	DRK	1,000
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) Futures	672	RK	1,000
Singapore Jet Kerosene (Platts) vs. Gasoil (Platts) BALMO Futures	657	Z0	1,000
Singapore Jet Kerosene (Platts) BALMO Futures	495	BX	1,000
Singapore Jet Kerosene (Platts) Futures	670	KS	1,000
Singapore Jet Kerosene (Platts) Average Price Option	495A	N2	1,000
Los Angeles Jet (OPIS) vs. NY Harbor ULSD Heating Oil Futures	577	JS	42,000

Los Angeles Jet (OPIS) Futures	576	LL	42,000
Los Angeles CARB Diesel (OPIS) vs. NY Harbor ULSD Heating Oil Futures	575	KL	42,000
Los Angeles CARB Diesel (OPIS) Futures	574	LX	42,000
Gulf Coast ULSD (Platts) Up-Down BALMO Futures	338	1L	42,000
Gulf Coast ULSD (Platts) Up-Down Futures	746 742	LT	42,000
Gulf Coast ULSD (Platts) Crack Spread Futures Gulf Coast ULSD (Platts) vs. Gulf Coast Jet (Platts) Futures	544	GY VV	1,000 42,000
Gulf Coast ULSD (Platts) vs. Gulf Coast Jet (Platts) Putures	738	LY	42,000
Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread BALMO Futures	218	GFC	1,000
Gulf Coast No. 6 Fuel Oil (Platts) Crack Spread Futures	613	MG	1,000
Gulf Coast No.6 Fuel Oil 3.0% (Platts) Brent Crack Spread Futures	1098	GCI	1,000
Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts)	1063	GCB	1,000
Gulf Coast No. 6 Fuel Oil 3.0% (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts)	425	GCU	1,000
Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Average Price Option	604	FG	1,000
Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	612	MF	1,000
Gulf Coast 3.0% Fuel Oil (Platts) BALMO Futures	503	VZ	1,000
Los Angeles CARBOB Gasoline (OPIS) vs. RBOB Gasoline Futures	573	JL	42,000
Los Angeles CARBOB Gasoline (OPIS) Futures	610	MH	42,000
New York Harbor Residual Fuel (Platts) Crack Spread Futures	615	ML	1,000
NY 1% Fuel Oil (Platts) Crack Spread BALMO Futures	217	NFC	1,000
NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) BALMO Futures	219	NFG	1,000
NY 1% Fuel Oil (Platts) vs. Gulf Coast 3% Fuel Oil (Platts) Futures	543	VR	1,000
NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures	426	NYF	1,000
NY Fuel Oil 1.0% (Platts) vs. European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Future	1064 614	NYG MM	1,000
New York Harbor Residual Fuel 1.0% (Platts) Futures New York Harbor 1.0% Fuel Oil (Platts) BALMO Futures	502	VK	1,000 1,000
Los Angeles Jet Fuel (Platts) vs. NY Harbor ULSD Heating Oil Futures	609	MQ	42,000
European Propane CIF ARA (Argus) vs. Naphtha Cargoes CIF NWE (Platts) Futures	396	EPN	1,000
RBOB Gasoline Crack Spread Option	387	RX	1,000
RBOB Gasoline Calendar Spread Option (One Month)	388	ZA	42,000
RBOB Gasoline Calendar Spread Option (Two Month)	388	ZB	42,000
RBOB Gasoline Calendar Spread Option (Three Month)	388	ZC	42,000
RBOB Gasoline Calendar Spread Option (Six Month)	388	ZM	42,000
RBOB Gasoline Option	335	ОВ	42,000
RBOB Gasoline Futures	191	RB	42,000
RME Biodiesel FOB Rdam (Argus) (RED Compliant) vs. Gasoil Futures	1150	BFR	100
RME Biodiesel FOB Rdam (Argus) (RED Compliant) Futures	1149	RBF	100
Tokyo Bay A-Grade 1% Sulfur Fuel Oil (RIM) Futures	1228	RMF	50,000
Tokyo Bay Gasoline (RIM) Futures	1225	RMG	50,000
Tokyo Bay Kerosene (RIM) Futures	1226	RMK	50,000
Tokyo Bay 10ppm Gasoil (RIM) Futures Tokyo Bay A-Grade 0.1% Sulfur Fuel Oil (RIM) Futures	1227 1229	RMS RMU	50,000 50,000
E-mini RBOB Gasoline Futures	403	QU	21,000
RBOB Gasoline Futures  RBOB Gasoline European Financial Option	385	RF	42,000
RBOB Gasoline Bullet Futures	555	RT	42,000
NY RBOB (Platts) vs. RBOB Gasoline Futures	563	RI	42,000
NY RBOB (Platts) Financial Futures	562	RY	42,000
Singapore Fuel Oil 380 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures	1092	STI	1,000
Singapore Fuel Oil 380 cst (Platts) Average Price Option	668A	8H	1,000
Singapore Fuel Oil 380 cst (Platts) BALMO Futures	494	BT	1,000
Mini Singapore Fuel Oil 380 cst (Platts) BALMO Futures	1054	MTB	100
Mini Singapore Fuel Oil 380 cst (Platts) Futures	1051	MTS	100
Singapore Fuel Oil 380 cst (Platts) Futures	668	SE	1,000
Singapore Fuel Oil 380cst (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futu	249	EVC	1,000
Singapore Fuel Oil 380cst (Platts) vs. European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALI	250	SFB	1,000
Singapore Gasoil (Platts) vs. Gasoil Futures Singapore Gasoil (Platts) Average Price Option	724	GA M2	1,000
Mini Singapore Gasoil (Platts) Futures	496A 1155	M2 MSG	1,000 100
Singapore Gasoil (Platts) Futures	669	SG	1,000
Singapore Gasoil (Platts) BALMO Futures	496	VU	1,000
Singapore Naphtha (Platts) BALMO Futures	497	KU	1,000
Singapore Naphtha (Platts) Futures	671	SP	1,000
Singapore Gasoil 10 ppm (Platts) vs. Singapore Gasoil (Platts) Futures	862	STZ	1,000
Singapore Gasoil 10 ppm (Platts) Futures	860	STF	1,000
Singapore Gasoil 10 ppm (Platts) BALMO Futures	864	STL	1,000
Gasoil 0.1% Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	145	GEB	7,450
Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures	476	4V	1,000

Mont Gasol 0.1 Cargoes CIF NWE (Pilatts) vs. Gasol Futures	Mini Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	235	MGF	100
Gasol IO, Cargose CIP NWE (Platts) Extures         36         TW         1,000           Scall IO, Cargose CIP NWE (Platts) trutures         37         3W         1,000           USD 10ppm Cargose CIP NWE (Platts) trutures         274         3W         1,000           USD 10ppm Cargose CIP NWE (Platts) trutures         234         MoN         1,000           USD 10ppm Cargose CIP NWE (Platts) trutures         487         B1         1,000           USD 10ppm Cargose CIP NWE (Platts) Futures         538         TY         1,000           USD 10ppm Cargose CIP NWE (Platts) Futures         538         TY         1,000           USD 10ppm Cargose CIP NWE (Platts) Futures         193         STR         1,000           USD 10ppm Cargose CIP NWE (Platts) Futures         193         STR         1,000           Singapore Fuel Oil 180 cx (Platts) S 3S breath Card Spread Futures         1094         STR         1,000           Singapore Fuel Oil 180 cx (Platts) S 3S breath Card Spread Futures         667         50         1,000           Singapore Fuel Oil 180 cx (Platts) S 3S breath Card Spread Futures         666         FW         1,000           Singapore Fuel Oil 180 cx (Platts) S 3S breath Card Spread Futures         182         EWB         1,000           Singapore Fuel Oil 180 cx (Platts) S 3S breath Card Spread F				
Gasol 10.1 Cargese CIP NWE (Platts) Futures         536         TW         1,000           USD 30 ppm Cargese CIP NWE (Platts) vs. Gasoli Futures         234         MGN         100           USD 30 ppm Cargese CIP NWE (Platts) vs. Gasoli Futures         539         TP         1,000           USD 30 ppm Cargese CIP NWE (Platts) BALMO Futures         487         B1         1,000           USD 10 ppm Cargese CIP NWE (Platts) BALMO Futures         238         TW         1,000           USD 10 ppm Cargese CIP NWE (Platts) Futures         213         SFC         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Crack Spread Futures         103         STR         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Crack Spread Futures         1094         STR         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Dutal (Platts) Crack Spread Futures         1094         STR         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Dutal (Platts) Crack Spread Futures         667         250         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Dutal Platts) Crack Spread Futures         1082         EVW         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Spread Futures         1082         EVW         1,000           Singapore Fuel Oil 130 ct (Platts) Sent Spread Futures         109         1,000 <td>Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures</td> <td>537</td> <td>TU</td> <td>1,000</td>	Gasoil 0.1 Cargoes CIF NWE (Platts) vs. Gasoil Futures	537	TU	1,000
USD 100pm Cargees CF IN PMC (Platts) vs. Gasoil BALMO Futures         234         MGN         100           UND 100pm Cargees CF IN PMC (Platts) vs. Gasoil Futures         539         TP         1,000           UND 100pm Cargees CF IN PMC (Platts) Putures         539         TP         1,000           UND 100pm Cargees CF IN PMC (Platts) Entures         588         TY         1,000           UND 100pm Cargees CF IN PMC (Platts) Entures         588         TY         1,000           Singapore Fuel Oil 180 cst (Platts) 6:35 Permit Crack Spread Futures         1093         STR         1,000           Singapore Fuel Oil 180 cst (Platts) 6:35 Permit Crack Spread BALMO Futures         1093         STR         1,000           Singapore Fuel Oil 180 cst (Platts) 5:35 Dubla (Platts) Crack Spread BALMO Futures         1091         STS         1,000           Singapore Fuel Oil 180 cst (Platts) 5:38 Dubla (Platts) Crack Spread BALMO Futures         1192         MSD         1,000           Singapore Fuel Oil 180 cst (Platts) ASS 50 ctp Platts) Futures         666         EW         1,000           Singapore Fuel Oil 180 cst (Platts) AMLMO Futures         844         OF         1,000           Singapore Fuel Oil 180 cst (Platts) BALMO Futures         845         S.         1,000           Singapore Fuel Oil 180 cst (Platts) BALMO Futures         425         LN	Gasoil 0.1 Cargoes CIF NWE (Platts) BALMO Futures	486	В7	1,000
Mini ILLD JOppen Cargoes CIF NWE (Pilatts) vs. Gasoli Futures  139	Gasoil 0.1 Cargoes CIF NWE (Platts) Futures	536		1,000
USD 10pm Cargoes CIF NWE (Platts) SALMOF Ditures         539         TP         1,000           USD 10pm Cargoes CIF NWE (Platts) Futures         487         81         1,000           USD 10pm Cargoes CIF NWE (Platts) Futures         538         TY         1,000           Singapor Fuel Oil 180 cst (Platts) Sa Se brent Crack Spread Futures         1093         STR         1,000           Singapor Fuel Oil 180 cst (Platts) Sa Se brent Crack Spread Futures         1093         STR         1,000           Singapor Fuel Oil 180 cst (Platts) Sa Se brent Crack Spread Futures         1091         STB         1,000           Singapor Fuel Oil 180 cst (Platts) Sa Sb Usbal (Platts) Crack Spread BALMO Futures         1192         MSD         1,000           Singapore Fuel Oil 180 cst (Platts) Futures         666         EW         1,000           East-West Fuel Oil Spread (Platts) BALMO Futures         844         0F         1,00           East-West Fuel Oil Spread (Platts) BALMO Futures         844         0F         1,00           Singapore Fuel Oil 180 cst (Platts) BALMO Futures         843         BS         1,00           Singapore Fuel Oil 180 cst (Platts) Futures         493         BS         1,00           Singapore Fuel Oil 180 cst (Platts) Futures         485         L         1,00           Singapore Fuel Oil 18				
USD 10ppm Cargoes CIF NWE (Platts) BALMO Futures         487         81         1,000           USD 10ppm Cargoes CIF NWE (Platts) Futures         538         TY         1,000           Singapore Fuel Oil 180 cst (Platts) East Spread Futures         133         SFC         1,000           Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures         1094         STR         1,000           Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread Futures         1091         STS         1,000           Singapore Fuel Oil 180 cst (Platts) Ass 80 cst (Platts) BALMO Futures         667         SD         1,000           Singapore Fuel Oil 180 cst (Platts) Studies         666         EW         1,000           Singapore Fuel Oil 180 cst (Platts) Studies         666         EW         1,000           East-West Fuel Oil Spread (Platts) Futures         666         EW         1,000           East-West Fuel Oil 180 cst (Platts) Futures         484         0F         1,000           Brash West Fuel Oil 180 cst (Platts) Futures         484         0F         1,000           Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures         483         85         1,00           Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures         662         La         1,000           Mini Singapore Fu				
USD 10pm Cargoes GF NWE (Platts) Futures         538         TY         1,000           Singapore Fuel Oil 180 cst (Plats) Enter Crack Spread Futures         103         STR         1,000           Singapore Fuel Oil 180 cst (Plats) 6.35 brent Crack Spread Futures         1093         STR         1,000           Singapore Fuel Oil 180 cst (Plats) 6.35 buba (Plats) Crack Spread Futures         1091         STS         1,000           Singapore Fuel Oil 180 cst (Plats) 5.35 buba (Plats) Crack Spread Futures         1092         MSD         1,000           Singapore Fuel Oil 180 cst (Plats) 5.38 but 6 (Plats) Futures         666         EW         1,000           East-West Fuel Oil 180 cst (Plats) Futures         666         EW         1,000           East-West Fuel Oil 180 cst (Plats) Futures         844         0F         1,000           East-West Fuel Oil 180 cst (Plats) BALMO Futures         843         55         1,000           Min Singapore Fuel Oil 180 cst (Plats) BALMO Futures         493         85         1,000           Singapore Fuel Oil 180 cst (Plats) BALMO Futures         493         85         1,000           Singapore Fuel Oil 180 cst (Plats) Average Price Option         493         85         1,000           Singapore Fuel Oil 180 cst (Plats) Average Price Option         493         85         1,000				-
Singapore Fuel Oil 180 cst (Platts) Breint Crack Spread Futures   1093   STR   1,000				-
Singapore Fuel Oil 180 cst (Platts) 6.35 Brent Crack Spread Futures				-
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubai (Platts) Crack Spread BALMO Futures   1094   STB   1,000				-
Singapore Fuel Oil 180 cst (Platts) 6.35 Dubia (Platts) Frutures   1991   STS   1,000   Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures   667   SD   1,000   Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures   666   EW   1,000   Singapore Fuel Oil Spread (Platts) Futures   666   EW   1,000   Singapore Fuel Oil Spread (Platts) BALMO Futures   1882   EWB   1,000   Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures   844   0F   1,000   Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures   845   SL   1,000   Singapore Fuel Oil 180 cst (Platts) BALMO Futures   493   85   1,000   Singapore Fuel Oil 180 cst (Platts) BALMO Futures   493   85   1,000   Singapore Fuel Oil 180 cst (Platts) BALMO Futures   662   UA   1,000   1,0				-
Singapore Fuel Oil 180 cst (Platts) vs. 380 cst (Platts) Futures				-
Singapore Fuel Oil Spread (Platts) Futures				-
East-West Fuel Oil Spread (Platts) BALMO Futures				-
Mini Singapore Fuel Oil 180 cst (Platts) Futures Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures Mini Singapore Fuel Oil 180 cst (Platts) Werage Price Option Mini Singapore Fuel Oil 180 cst (Platts) Huters Mini Singapore Fuel Oil High-Low Sulfur Spread (Platts) BALMO Futures Mini Singapore Fuel Oil High-Low Sulfur Spread (Platts) BALMO Futures Mini Europea FOB NWE (Platts) Spread (Platts) BALMO Futures Mini European Mini Fuel Oil Cargoes FOB NWE (Platts) Futures Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures Mini Singapore Fuel Oil Argoes FOB NWE (Platts) Futures Mini Mini Mini Mini Mini Mini Mini Mini		666	EW	
Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	East-West Fuel Oil Spread (Platts) BALMO Futures	1082	EWB	1,000
Singapore Fuel Oil 180 cst (Platts) BALMO Futures	Mini Singapore Fuel Oil 180 cst (Platts) Futures	844	0F	100
Singapore Fuel Oil 180 cst (Platts) Average Price Option	Mini Singapore Fuel Oil 180 cst (Platts) BALMO Futures	845	5L	100
Singapore Fuel Oil 180 cst (Platts) Futures         662         UA         1,000           1% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread Futures         727         FI         1,000           1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) Futures         142         FVB         6,350           Northwest Europe Fuel Oil High-Low Suffur Spread (Platts) BALMO Futures         663         88         1,000           Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) BLMO Futures         585         08         100           Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         586         0C         100           Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         299         FCN         1,000           Buily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         500         KX         1,000           Buily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         668         UF         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         668         UF         1,000           1% Fuel Oil Barges FOB Radm (Platts) se 1,100         1,000         1,000         1,000           1% Fuel Oil Barges FOB Radm (Platts) se 1,100         1,000         1,000         1,000         1,000         1,000         1,000         1,000         1,000         1,000         1,00	Singapore Fuel Oil 180 cst (Platts) BALMO Futures	493	BS	1,000
1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-			C5	1,000
1.0% Fuel Oil Cargoes FOB NWE (Platts) Crack Spread (1000mt) Futures         63         88         1,000           Northwest Europe Fuel Oil High-Low Suffur Spread (19tts) BALMO Futures         663         88         1,000           Min European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         585         08         100           Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         586         0C         100           Baily European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures         239         FCN         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures         500         KX         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures         500         KX         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         658         UF         1,000           15% Fuel Oil Bargoes FOB NWE (Platts) Futures         658         UF         1,000           15% Fuel Oil Bargoes FOB ROM (Platts) BALMO Futures         658         UF         1,000           15% Fuel Oil Bargoes FOB ROM (Platts) Futures         611         33         1,000           Mini European 1% Fuel Oil Barges FOB Radam (Platts) BALMO Futures         739         6L         1,000           European 1% Fuel Oil Barges FOB Radam (Platts) Average Price Option         782         EFB				-
Northwest Europe Fuel Oil High-Low Suffur Spread (Platts) BALMO Futures 663 88 1,000 1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 665 FS 1,000 Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 585 08 100 Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 239 FCN 1,000 Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 239 FCN 1,000 European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 500 KX 1,000 European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 500 KX 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 500 KX 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 586 UF 1,000 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 586 UF 1,000 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 588 UF 1,000 1% Fuel Oil Rarges FOB Rdam (Platts) Futures 581 UF 1,000 1% Fuel Oil Barges FOB Rdam (Platts) Futures 581 UF 1,000 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 581 UF 1,000 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 743 OA 100 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 743 OA 100 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 745 UF 100 U	, , ,			-
1% Fuel Oil Cargoes FOB NWE (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures         585         B         1,000           Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         586         0C         1,000           Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         239         FCN         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         500         KX         1,000           Buropean 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         1061         MFE         100           European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         658         UF         1,000           1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures         611         33         1,000           1% Fuel Oil Barges FOB Rdam (Platts) Sv. 1% Fuel Oil Gragoes FOB NWE (Platts) BALMO Futures         743         0A         1000           1wropean 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         739         6L         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         741         70         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         70         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         70         1,000           European 1% Fuel Oil Earges FOB Rdam (Platts) Futures         75				-
Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 586 0C 100 100 100 100 100 100 100 100 100				-
Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 239 FCN 1,000 Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 239 FCN 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 500 KX 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 500 KX 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 508 UF 1,000 Mini 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 658 UF 1,000 Mini European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 658 UF 1,000 Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 611 33 1,000 Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 743 0A 100 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 743 0A 100 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 742 EFB 1,000 Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option 782 EFB 1,000 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 745 FUEL OIL Cargoes FOB MED (Platts) Crack Spread Futures 745 FUEL OIL Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3,5% Fuel Oil Cargoes FOB MED (Platts) vs. 3,5% Fuel Oil Barges FOB Rdam (Platts) Futures 744 FX 1,000 Mini 3,5% Fuel Oil Cargoes FOB MED (Platts) vs. 3,5% Fuel Oil Barges FOB Rdam (Platts) Futures 746 FX 1,000 Mini 3,5% Fuel Oil Cargoes FOB MED (Platts) vs. 3,5% Fuel Oil Barges FOB Rdam (Platts) Futures 746 FX 1,000 Mini 3,5% Fuel Oil Cargoes FOB MED (Platts) vs. 3,5% Fuel Oil Eargoes FOB MED (Platts) vs. 3,5% Fuel Oi				
Daily European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         239         FCN         1,000           European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures         500         KX         1,000           Mini 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         106         MFE         100           1% Fuel Oil Radm (Platts) vs. 1% Fuel Oil RAVE (Platts) Futures         658         UF         1,000           1% Fuel Oil Radm (Platts) vs. 1% Fuel Oil RAVE (Platts) Futures         661         33         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         743         0A         100           European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         739         6L         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option         782         EFB         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         T0         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         659         UH         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Hutures         735         FL         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (P				
European 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 1061 MFE 100   Mini 1% Fuel Oil Cargoes FOB NWE (Platts) (Euro Denominated) Futures 568 UF 1,000   1% Fuel Oil Cargoes FOB NWE (Platts) Futures 658 UF 1,000   1% Fuel Oil Rargoes FOB NWE (Platts) Futures 651 33 1,000   1% Fuel Oil Rargoes FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Fut 664 EBF 1,000   Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 743 OA 100   European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 739 GL 1,000   European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 739 GL 1,000   European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option 782 EFB 1,000   Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100   European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100   European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100   European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100   European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100   European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 Fuel Oil Rargoes FOB MED (Platts) Crack Spread Futures 745 FL 1,000   3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000   3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000   3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 744 FK 1,000   European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 1212 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1214 EFF 1,000   Mini European Jet Kero Cargoes CIF NWE (Platts) Futures 1214 EFF 1,000   Mini European Jet Kero Car	, ,			
Mini 1% Fuel Oil Cargoes FOB NWE (Platts) (Euro Denominated) Futures         1061         MFE         100           European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures         658         UF         1,000           1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Wolk (Platts) Futures         611         33         1,000           1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Fut         664         EBF         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         743         0A         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option         782         EFB         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         TO         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         659         UH         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures         735         FL         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures         1205         FOA         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Sv. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) St. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures         734         FK         1,000				
European 1% Fuel Oil Cargoes FOB NWE (Platts) Futures 658 UF 1,000 1% Fuel Oil Radm (Platts) vs. 1% Fuel Oil NWE (Platts) Futures 611 33 1,000 Mini European 1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures 743 0A 100 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 739 6L 1,000 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 739 6L 1,000 European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures 745 Full Oil Cargoes FOB MED (Platts) Crack Spread Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 74 FK 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) No. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 74 FK 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 124 MMF 100 European Mel Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 129 MJC 1,000  Mini European Jet Kerosene Cargoes CIF NWE (Platts) Futures 129 MJC 1,000 European Maphtha (Platts) Carck Spread Futures 148 MJC 1,000 European Naphtha (Platts) BALMO Futures 148 NOB 8,900 European Naphtha (Platts) Erack Spread (I000mt) BALM				-
1% Fuel Oil Rdam (Platts) vs. 1% Fuel Oil NWE (Platts) Futures       611       33       1,000         1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futures       64       EBF       1,000         Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures       743       0A       100         European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures       739       6L       1,000         European 1% Fuel Oil Barges FOB Rdam (Platts) Futures       741       TO       100         European 1% Fuel Oil Barges FOB Rdam (Platts) Futures       659       UH       1,000         3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures       735       FL       1,000         3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures       1205       FOA       1,000         3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO       605       63       1,000         3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures       120       FF       1,000         European 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures       1212       EFF       1,000         European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures       661       UI       1,000         European 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures       661       <				
1% Fuel Oil Barges FOB Rdam (Platts) vs. 1% Fuel Oil Cargoes FOB NWE (Platts) BALMO Futin         664         EBF         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         743         0A         100           European 1% Fuel Oil Barges FOB Rdam (Platts) AbLMO Futures         739         6L         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option         782         EFB         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         TO         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         659         UH         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures         735         FL         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures         734         FK         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures         212         EFF         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures         661         UI         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures         661         UI         1,000           European Speul Oi				
Mini European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         743         0A         100           European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures         739         6L         1,000           European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option         782         EFB         1,000           Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         TO         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         659         UH         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures         735         FL         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures         734         FK         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures         212         EFF         1,000           Buropean 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures         1248         MMF         100           European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures         124         FK         1,000           Jet				-
European 1% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures 739 6L 1,000 European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option 782 EFB 1,000 Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 741 TO 100 European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 659 UH 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures 735 FL 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 722 JC 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Jet Fuel Cargoes CIF NWE (Platts) Futures 722 JC 1,000 Jet Fuel Cargoes CIF NWE (Platts) Futures 723 MJC 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 724 JC 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 724 JC 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 713 EN 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 European Naphtha (Platts) BALMO Futures 713 EN 1,000 European Naphtha (Platts) BALMO Futures 713 EN 1,000 Mini European Naphtha (Platts) BALMO Futures 713 EN 1,000 Mini European Naphtha (Platts) BALMO Futures 714 MKE 714 M				
Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         741         TO         100           European 1% Fuel Oil Barges FOB Rdam (Platts) Futures         659         UH         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures         735         FL         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures         1205         FOA         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO         605         63         1,000           3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures         734         FK         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures         212         EFF         1,000           Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures         661         UI         1,000           European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures         661         UI         1,000           Buropean Jet Kero Oil Cargoes FOB MED (Platts) Futures         479         6X         1,000           Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil Futures         232         MJC         1,000           Jet Fuel Cargoes CIF NWE (Platts) Average Price Option         651A         30         1,000           European Jet Kerosene Cargoes CIF NWE (Platts) Futures <t< td=""><td></td><td>739</td><td></td><td></td></t<>		739		
European 1% Fuel Oil Barges FOB Rdam (Platts) Futures 659 UH 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures 735 FL 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 1212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 772 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 772 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Naphtha (Platts) Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread Hutures 636 43 1,000 European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Futures 149 NBE 8,900 Naphtha Cargoes CIF NWE (Platts) Futures 149 NWE 140000000000	European 1% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	782	EFB	1,000
3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures 3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1.205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 5.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Eutures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 484 F3 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 A3 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 A3 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 A3 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha (Platts) BALMO Futures 230 MNC 100 Daily European Naphtha (Platts) SALMO Futures 230 MNC 100 Daily European Naphtha (Platts) SALMO Futures 230 MNC 100 Daily European	Mini European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	741	TO	100
3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures 1205 FOA 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 212 EFF 1,000 Buropean 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 212 EFF 1,000 Buropean 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 479 6X 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kerosene Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 713 EN 1,000 European Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 148 NOB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) BALMO Futures 148 NOB 8,900 Mini European Naphtha (Platts) BALMO Futures 149 NBB 8,900 Mini European Naphtha (Platts) BALMO Futures 140 MEN 100 European Naphtha CIF NWE (Platts) Futures 1196 MEN 100 European Naphtha CIF NWE (Platts) Futures 1196 MEN 100 Daily European Naphtha Cargoes CIF NWE (Platts) Futures 1236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 120 MINC 100 Daily European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 123 JR 1,000	European 1% Fuel Oil Barges FOB Rdam (Platts) Futures	659	UH	1,000
3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO 605 63 1,000 3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 479 6X 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha Cargoes CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha Cargoes CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha Cargoes CIF NWE (Platts) Futures 230 MNC 100 Jet Fuel Barges FOB Rdam (Platts) Average Price Option 1213 NWE 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil Futures 480 9Q 1,000 Jet Fuel Barges FOB Rdam (P	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread Futures	735	FL	1,000
3.5% Fuel Oil Cargoes FOB MED (Platts) vs. 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures 734 FK 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 212 EFF 1,000 Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 479 6X 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil Futures 7722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 Jet Fuel Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha (Platts) BALMO Futures 230 MNC 100 Mini European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 Mini European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Future	3.5% Fuel Oil Cargoes FOB MED (Platts) Crack Spread BALMO Futures	1205	FOA	1,000
European 3.5% Fuel Oil Cargoes FOB MED (Platts) BALMO Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 1248 MMF 100 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 6661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 4779 6X 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 7722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100 European Jet Kero Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 713 EN 1,000 European Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 148 NOB 8,900 Naphtha Cargoes CIF NWE (Platts) BALMO Futures 148 NOB 8,900 Maphtha Cargoes CIF NWE (Platts) BALMO Futures 149 NBB 8,900 Mini European Naphtha (Platts) BALMO Futures 149 NBB 8,900 European Naphtha (Platts) BALMO Futures 149 NBB 8,900 Daily European Naphtha (Platts) BALMO Futures 148 NOB 8,900 European Naphtha Cargoes CIF NWE (Platts) Futures 149 NBC 1,000 Mini European Naphtha CIF NWE (Platts) Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 1230 MNC 100 Daily European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWC 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWC 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWC 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWC 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1230 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 1231 NWE 1,000				-
Mini 3.5% Fuel Oil Cargoes FOB MED (Platts) Financial Futures 661 UI 1,000 European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000 Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 7722 JC 1,000 Jet Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 7722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 7722 JC 1,000 Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 7722 JC 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 7100 European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 7100 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 710 JL 1,000 European Gasoil Brent Crack Spread Average Price Option 7100 JL 1,000 European Gasoil Brent Crack Spread Average Price Option 7100 JL 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 European Naphtha (Platts) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Futures 149 NBB 8,900 European Naphtha (Platts) BALMO Futures 149 NBC 1400 MEN 1400				
European 3.5% Fuel Oil Cargoes FOB MED (Platts) Futures 661 UI 1,000  Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 479 6X 1,000  Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000  Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100  European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000  Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000  European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000  European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000  European Jet Kerosene Cargoes CIF NWE (Platts) Futures 636 43 1,000  European Naphtha (Platts) Crack Spread Average Price Option 710A 3U 1,000  European Naphtha (Platts) Crack Spread Futures 713 EN 1,000  European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900  European Naphtha (Platts) BALMO Futures 1501 KZ 1,000  Mini European Naphtha (Platts) BALMO Futures 19196 MEN 100  Mini European Naphtha (Platts) BALMO Futures 230 MNC 100  Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 480 9Q 1,000  Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000  Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
Jet Fuel Cargoes CIF NWE (Platts) vs. Gasoil BALMO Futures 722 JC 1,000  Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures 722 JC 1,000  Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures 232 MJC 100  European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000  Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000  European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000  European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000  European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000  European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000  European Naphtha (Platts) Crack Spread Futures 713 EN 1,000  European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900  European Naphtha (Platts) BALMO Futures 1501 KZ 1,000  Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100  Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100  Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000  European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000	, ,			
Jet Cargoes CIF NWE (Platts) vs. Gasoil Futures  Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option  Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Futures  European Gasoil Brent Crack Spread Average Price Option  European Naphtha (Platts) Crack Spread BALMO Futures  European Naphtha (Platts) Crack Spread BALMO Futures  European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures  European Naphtha (Platts) BALMO Futures  Naphtha (Platts) BALMO Futures  Mini European Naphtha (Platts) BALMO Futures  Mini European Naphtha (Platts) BALMO Futures  Naphtha Cargoes CIF NWE (Platts) Futures  Daily European Naphtha CIF NWE (Platts) Futures  European Naphtha Cargoes CIF NWE (Platts) Futures  Europ	, ,			
Mini European Jet Kero Cargoes CIF NWE (Platts) vs. Gasoil Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option  Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Futures  European Jet Kerosene Cargoes CIF NWE (Platts) Futures  European Gasoil Brent Crack Spread Average Price Option  European Naphtha (Platts) Crack Spread BALMO Futures  European Naphtha (Platts) Crack Spread BALMO Futures  European Naphtha (Platts) Crack Spread Induses  European Naphtha (Platts) Crack Spread (1000mt) BALMO Futures  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures  Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures  European Naphtha (Platts) BALMO Futures  Naphtha (Platts) BALMO Futures  Mini European Naphtha (Platts) BALMO Futures  Naphtha CIF NWE (Platts) Futures  Daily European Naphtha CIF NWE (Platts) Futures  European Naphtha Cargoes CIF NWE (Platts) Futures  European Napht				-
European Jet Kerosene Cargoes CIF NWE (Platts) Average Price Option 651A 30 1,000 Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 1501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 2480 9Q 1,000  European Naphtha Cargoes CIF NWE (Platts) Futures 2480 9Q 1,000				
Jet Fuel Cargoes CIF NWE (Platts) BALMO Futures 484 F3 1,000 European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 1501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
European Jet Kerosene Cargoes CIF NWE (Platts) Futures 651 UJ 1,000 European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 1501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
European Gasoil Brent Crack Spread Average Price Option 710A 3U 1,000 European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				-
European Naphtha (Platts) Crack Spread BALMO Futures 636 43 1,000 European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
European Naphtha (Platts) Crack Spread Futures 713 EN 1,000 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 149 NBB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) BALMO Futures 148 NOB 8,900 Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures 148 NOB 8,900 European Naphtha (Platts) BALMO Futures 501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000				
European Naphtha (Platts) BALMO Futures 501 KZ 1,000 Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000		149	NBB	
Mini European Naphtha (Platts) BALMO Futures 1196 MEN 100 Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000	Naphtha Cargoes CIF NWE (Platts) Crack Spread (1000mt) Futures	148	NOB	8,900
Mini European Naphtha CIF NWE (Platts) Futures 230 MNC 100 Daily European Naphtha CIF NWE (Platts) Futures 236 NCP 1,000 European Naphtha Cargoes CIF NWE (Platts) Average Price Option 1213 NWE 1,000 European Naphtha Cargoes CIF NWE (Platts) Futures 650 UN 1,000 Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures 480 9Q 1,000 Jet Barges FOB Rdam (Platts) vs. Gasoil Futures 723 JR 1,000	European Naphtha (Platts) BALMO Futures	501	KZ	1,000
Daily European Naphtha CIF NWE (Platts) Futures236NCP1,000European Naphtha Cargoes CIF NWE (Platts) Average Price Option1213NWE1,000European Naphtha Cargoes CIF NWE (Platts) Futures650UN1,000Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures4809Q1,000Jet Barges FOB Rdam (Platts) vs. Gasoil Futures723JR1,000	Mini European Naphtha (Platts) BALMO Futures	1196	MEN	100
European Naphtha Cargoes CIF NWE (Platts) Average Price Option1213NWE1,000European Naphtha Cargoes CIF NWE (Platts) Futures650UN1,000Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures4809Q1,000Jet Barges FOB Rdam (Platts) vs. Gasoil Futures723JR1,000	Mini European Naphtha CIF NWE (Platts) Futures	230	MNC	100
European Naphtha Cargoes CIF NWE (Platts) Futures650UN1,000Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures4809Q1,000Jet Barges FOB Rdam (Platts) vs. Gasoil Futures723JR1,000	Daily European Naphtha CIF NWE (Platts) Futures	236	NCP	1,000
Jet Fuel Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures4809Q1,000Jet Barges FOB Rdam (Platts) vs. Gasoil Futures723JR1,000	European Naphtha Cargoes CIF NWE (Platts) Average Price Option	1213	NWE	1,000
Jet Barges FOB Rdam (Platts) vs. Gasoil Futures723JR1,000				-
Mini European Jet Kero Barges FOB Rdam (Platts) vs. Gasoil Futures 233 MJB 100				
	Iviini European Jet Kero Barges FOB Rdam (Platts) vs. Gasoil Futures	233	MJB	100

Supplied to the Name of the Supplied (Slatte) Supplied (Slatte)	653	LID	4 000
European Jet Kerosene Barges FOB Rdam (Platts) Futures	652	UR	1,000
Jet Fuel Barges FOB Rdam (Platts) BALMO Futures	485	X9	1,000
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread BALMO Futures	1204	FCB	1,000
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread Futures	726	FO	1,000
3.5% Fuel Oil Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	141	BOB	6,350
Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	842 843	0D 0E	100 100
Mini European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures			1,000
Daily European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	237 499	FOR KR	,
European 3.5% Fuel Oil Barges FOB Rdam (Platts) BALMO Futures			1,000 100
Mini 3.5% Fuel Oil Barges FOB Rdam (Platts) (Euro Denominated) Futures	1057	MFT	
European 3.5% Fuel Oil Barges FOB Rdam (Platts) Average Price Option	660A	Q6	1,000
European 3.5% Fuel Oil Barges FOB Rdam (Platts) Futures	660	UV	1,000
Singapore Mogas 95 Unleaded (Platts) vs. Singapore Mogas 92 Unleaded (Platts) Futures	211	SMU	1,000
Singapore Mogas 95 Unleaded (Platts) Futures	653	V0	1,000
Singapore Mogas 95 Unleaded (Platts) BALMO Futures	654	W0	1,000
Gasoil 0.1% Barges FOB Rdam (Platts) Crack Spread (1000mt) Futures	144	GOB	7,450
Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil BALMO Futures	475	6V	1,000
Mini Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	745	MGB	100
Gasoil 0.1 Barges FOB Rdam (Platts) vs. Gasoil Futures	533	WQ	1,000
Gasoil 0.1 Barges FOB Rdam (Platts) BALMO Futures	488	B8	1,000
Gasoil 0.1 Barges FOB Rdam (Platts) Futures	532	VL	1,000
NY 0.3% Fuel Oil (Platts) Futures	542	VQ	1,000
Gasoil 0.1 Cargoes FOB NWE (Platts) vs. Gasoil Futures	535	WT	1,000
Gasoil 0.1 Cargoes FOB NWE (Platts) Futures	534	WR	1,000
Singapore Mogas 97 Unleaded (Platts) Futures	655	X0	1,000
Singapore Mogas 97 Unleaded (Platts) BALMO Futures	656	Y0	1,000
NY 2.2% Fuel Oil (Platts) vs. Gulf Coast No. 6 Fuel Oil 3.0% (Platts) Futures	1087	NYC	1,000
NY 2.2% Fuel Oil (Platts) BALMO Futures	330	NYE	1,000
NY 2.2% Fuel Oil (Platts) Futures	306	Y3	1,000
NY 0.7% Fuel Oil (Platts) vs. NY 1.0% Fuel Oil (Platts) Futures	1088	NYI	1,000
NY 0.7% Fuel Oil (Platts) BALMO Futures	427	NYS	1,000
NY 0.7% Fuel Oil (Platts) Futures	305	Y4	1,000
NY Heating Oil (Platts) vs. NY Harbor ULSD Heating Oil Futures	541	YH	42,000
NY Heating Oil (Platts) Futures	540	YF	42,000
NY ULSD (Platts) vs. NY Harbor ULSD Heating Oil Futures	564	UY	42,000
NY ULSD (Platts) Futures	740	YS	42,000
Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil BALMO Futures	473	8W	1,000
Gasoil 0.1 Cargoes CIF MED (Platts) vs. Gasoil Futures	547	Z5	1,000
Gasoil 0.1 Cargoes CIF MED (Platts) BALMO Futures	490	X6	1,000
Gasoil 0.1 Cargoes CIF MED (Platts) Futures	546	Z4	1,000
ULSD 10ppm CIF MED (Platts) vs. Gasoil BALMO Futures	474	7V	1,000
Mini ULSD 10ppm Cargoes CIF MED (Platts) vs. Gasoil Futures	231	UCM	100
ULSD 10ppm CIF MED (Platts) vs. Gasoil Futures	549	Z7	1,000
ULSD 10ppm Cargoes CIF MED (Platts) vs. ULSD 10ppm Cargoes CIF NWE (Platts) Futures	1125	UCU	1,000
ULSD 10ppm CIF MED (Platts) BALMO Futures	491	X7	1,000
ULSD 10ppm Cargoes CIF MED (Platts) Futures	548	Z6	1,000
NYMEX Cocoa Futures	930	CI	1,000
NYMEX Coffee Futures	931	KT	37,500
NYMEX Cotton Futures	932	TT	50,000
NYMEX No. 11 Sugar Futures	934	YO	112,000

				Dienimieleine	
Contract Units	Туре	Calllanana	Group	Diminishing Balance Contract	Reporting Level
Metric tons	Future	Settlement Financially Settled Futures	Coal	Contract	25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Eu.Option	Financially Settled Option	Coal		25
Metric tons	Eu.Option	Exercises into Financial Future	Coal		25
Metric tons	Eu.Option	Exercises into Financial Future	Coal		25
Metric tons	Eu.Option	Exercises into Financial Future	Coal		25
Metric tons	Eu.Option	Exercises into Financial Future	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Eu.Option	Financially Settled Option	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Tons	Am.Option	Exercises into Physical Future	Coal		25
Tons	Future	Physically Settled Futures	Coal		25
Tons	Eu.Option	Exercises into Physical Future	Coal		25
Tons	Eu.Option	Exercises into Physical Future	Coal		25
Tons	Future	Financially Settled Futures	Coal		25
Tons	Eu.Option	Exercises into Financial Future	Coal		25
Tons	Eu.Option	Exercises into Financial Future	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Metric tons	Future	Financially Settled Futures	Coal		25
Barrels	Eu.Option	Financially Settled Option	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	.,	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
consecutive futures	Eu.Option	Exercises into Financial Future	Crude Oil		350 350
consecutive futures Barrels	Eu.Option Eu.Option	Exercises into Financial Future Financially Settled Option	Crude Oil Crude Oil	Υ	350 350
Barrels	Eu.Option	Financially Settled Option	Crude Oil	r	n/a
Barrels	Future	Financially Settled Option  Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	'	350
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		n/a
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		n/a
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrel	Future	Financially Settled Futures	Crude Oil		25
Barrels	Eu.Option	Financially Settled Option	Crude Oil		n/a
Barrels	Future	Financially Settled Futures	Crude Oil	Y	25
Barrels	Future	Financially Settled Futures	Crude Oil	Y	25

Daniel.	5 O t.'	Figure della Catalad Ontica	C	V	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil		25
consecutive futures	Eu.Option	Exercises into Financial Future	Crude Oil		25
consecutive futures	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
		•			
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Am.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Financially Settled Option	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
		•			
Barrels	Eu.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Eu.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Eu.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Eu.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Eu.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Future	Physically Settled Futures	Crude Oil		350
Barrels	Am.Option	Exercises into Physical Future	Crude Oil		350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Index Points	Future	Financially Settled Futures	Crude Oil	•	25
		•			
Index Points	Eu.Option	Financially Settled Option	Crude Oil		25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Ү	25
		•		'	
Barrels	Future	Physically Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	•	25
Barrels	•	Exercises into Financial Future	Crude Oil		25
	Am.Option				
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Physically Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Y	25
	Future	•	Crude Oil	1	
Barrels		Financially Settled Futures		v	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	25
Barrels	Eu.Option	Financially Settled Option	Crude Oil	Υ	25
Barrels	Future	Physically Settled Futures	Crude Oil	•	25
Barrels					25
	Am.Option	Exercises into Physical Future	Crude Oil		
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Exercises into Financial Future	Crude Oil		25
Barrels	Eu.Option	Financially Settled Option	Crude Oil		100
Barrel	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil		350
		,	- =====:		

Barrels	Future	Financially Settled Futures	Crude Oil		25
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Barrels	Future	Financially Settled Futures	Crude Oil	Y	350
Barrels	Future	Financially Settled Futures	Crude Oil	Y	350
Barrels	Future	Financially Settled Futures	Crude Oil	Υ	350
Certified Emission	Eu.Option	Exercises into Physical Future	Emissions		25
Certified Emission	Future	Physically Settled Futures	Emissions		25
Certified Emission	Eu.Option	Exercises into Physical Future	Emissions		25
Certified Emission	Future	Physically Settled Futures	Emissions		25
Certified Emission	Eu.Option	Exercises into Physical Future	Emissions		25
CO2 EU	Future	Physically Settled Futures	Emissions		25
CO2 EU	Eu.Option	Exercises into Physical Future	Emissions		25
CO2 EU	Eu.Option	Exercises into Physical Future	Emissions		25
CO2 EU	Eu.Option	Exercises into Physical Future	Emissions		25
CO2 EU	Future	Physically Settled Futures	Emissions		25
California Carbon	Eu.Option	Exercises into Physical Future	Emissions		25
California Carbon	Future	Physically Settled Futures	Emissions		25
Certified Emission	Eu.Option	Exercises into Physical Future	Emissions		25
Certified Emission	Future	Physically Settled Futures	Emissions		25
Certified Emission	Eu.Option	Exercises into Physical Future	Emissions		25
Climate Reserve	Future	Physically Settled Futures	Emissions		10
Climate Reserve	Future	Physically Settled Futures	Emissions		10
Climate Reserve	Future	Physically Settled Futures	Emissions		10
Climate Reserve	Future	Physically Settled Futures	Emissions		10
Climate Reserve	Eu.Option	Exercises into Physical Future	Emissions		10
Climate Reserve	Future	Physically Settled Futures	Emissions		10
CO2 EU	Future	Physically Settled Futures	Emissions		1
CO2 EU	Future	Physically Settled Futures	Emissions		25
Emission Reduction	Eu.Option	Exercises into Physical Future	Emissions		25
Emission Reduction	Future	Physically Settled Futures	Emissions		25
Emission Reduction	Eu.Option	Exercises into Physical Future	Emissions		25
RGGI allowances	Future	Physically Settled Futures	Emissions		25
RGGI allowances	Future	Physically Settled Futures	Emissions		25
RGGI allowances RGGI allowances	Future Future	Physically Settled Futures Physically Settled Futures	Emissions Emissions		25 25
RGGI allowances	Eu.Option	Exercises into Physical Future			25
RGGI allowances	Future	Physically Settled Futures	Emissions Emissions		25
Cubic meters	Future	Financially Settled Futures	Ethanol	Υ	5
Gallons	Future	Financially Settled Futures	Ethanol	Υ	25
Gallons	Eu.Option	Financially Settled Option	Ethanol	Y	25
Gallons	Future	Financially Settled Futures	Ethanol	Υ	25
Gallons	Eu.Option	Financially Settled Option	Ethanol	Y	25
Cubic meters	Future	Financially Settled Futures	Ethanol	Y	25
Cubic meters	Future	Financially Settled Futures	Ethanol	Υ	25
Cubic meters	Future	Financially Settled Futures	Ethanol	Υ	5
10MM Col	Future	Financially Settled Futures	Foreign Exchange		350
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter days	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Metric tons	Future	Financially Settled Futures	Freight	Υ	25
Charter days	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter days	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter days	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Υ	25
Charter day	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Eu.Option	Financially Settled Option	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Y	25
Metric tons	Eu.Option	Financially Settled Option	Freight	Y	25
Metric tons	Future	Financially Settled Futures	Freight	Υ	25

Metric tons	Eu.Option	Financially Settled Option	Freight	Υ	25
Metric tons	Future	Financially Settled Futures	Freight	Υ	25
Troy ounces	Future	Financially Settled Futures	Metals	•	25
Troy ounces	Future	Financially Settled Futures	Metals		25
Metric Tons	Future	Financially Settled Futures	Metals	Υ	25
Gross Tons	Future	Financially Settled Futures	Metals		25
Metric tons	Future	Financially Settled Futures	Metals	Υ	25
Troy ounces	Forward	Physically Settled Forward	Metals		25
Troy ounces	Forward	Physically Settled Forward	Metals		25
Troy ounces	Future	Physically Settled Futures	Metals		200
Troy ounces	Eu.Option	Exercises into Physical Future	Metals		25
Troy ounces	Future	Physically Settled Futures	Metals		200
Troy ounces	Am.Option	Exercises into Physical Future	Metals		200
Index Points	Future	Financially Settled Futures	Metals		25
Index Points	Eu.Option	Financially Settled Option	Metals		25
Pounds	Future	Physically Settled Futures	Metals		25
Pounds	Am.Option	Exercises into Physical Future	Metals		25
Pounds	Eu.Option	Financially Settled Option	Metals	Υ	25
Pounds	Future	Financially Settled Futures	Metals	Υ	25
short tons	Future	Financially Settled Futures	Metals	Υ	250
short tons	Eu.Option	Financially Settled Option	Metals	Υ	250
Troy ounces	Forward	Physically Settled Forward	Metals		25
Metric tons	Future	Financially Settled Futures	Metals	Υ	25
Troy ounces	Future	Physically Settled Futures	Metals		25
Troy ounces	Am.Option	Exercises into Physical Future	Metals		25
Dry Metric tons	Eu.Option	Financially Settled Option	Metals	Υ	25
Dry Metric tons	Eu.Option	Financially Settled Option	Metals	Υ	25
Dry Metric tons	Future	Financially Settled Futures	Metals	Υ	25
Dry Metric tons	Future	Financially Settled Futures	Metals	Υ	25
Troy ounces	Future	Physically Settled Futures	Metals		25
Troy ounces	Am.Option	Exercises into Physical Future	Metals		25
Pounds	Future	Financially Settled Futures	Metals		25
Troy ounces	Future	Financially Settled Futures	Metals	V	25
Metric tons	Future Future	Financially Settled Futures	Metals Metals	Υ	25 150
Troy ounces	Am.Option	Physically Settled Futures	Metals		150
Troy ounces Metric tons	Future	Exercises into Physical Future Financially Settled Futures	Metals	Υ	25
Pounds	Future	Financially Settled Futures	Metals	'	25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25

MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		100
MMBtu	Future	Financially Settled Futures	Natural Gas		100
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		n/a
MMBtu	Future	Financially Settled Option  Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	•	Exercises into Financial Future	Natural Gas		100
	Eu.Option				
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Eu.Option	Exercises into Financial Future	Natural Gas		100
MMBtu	Future	Financially Settled Futures	Natural Gas		100
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		100
MMBtu	Future	Financially Settled Futures	Natural Gas		100
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas	Υ	25
MMBtu	Future	Financially Settled Futures	Natural Gas	Υ	25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		25
MMBtu	Future	Financially Settled Option  Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		175
MMBtu	Future	· ·	Natural Gas		25
		Financially Settled Futures			175
MMBtu	Future Eu.Option	Financially Settled Putures	Natural Gas		175
MMBtu	•	Financially Settled Option	Natural Gas		
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Eu.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Am.Option	Exercises into Physical Future	Natural Gas		175
x Calendar Days	Future	Physically Settled Futures	Natural Gas		25
MMBtu	Future	Physically Settled Futures	Natural Gas		175
MMBtu	Am.Option	Exercises into Physical Future	Natural Gas		175
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25
MMBtu	Future	Financially Settled Futures	Natural Gas		25

MMBtu				
	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
		•		
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
				25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	
MMBtu	Future	Financially Settled Futures	Natural Gas	175
MMBtu	Future	Financially Settled Futures	Natural Gas	175
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	175
MMBtu	Future	Financially Settled Futures	Natural Gas	175
		•		
MMBtu	Future	Financially Settled Futures	Natural Gas	175
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	175
MMBtu	Future	Physically Settled Futures	Natural Gas	1
		•		
MMBtu	Future	Physically Settled Futures	Natural Gas	1
MMBtu	Future	Physically Settled Futures	Natural Gas	1
MMBtu	Future	Physically Settled Futures	Natural Gas	1
MMBtu	Future	Financially Settled Futures	Natural Gas	25
		•		
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu		Financially Settled Futures	Natural Gas	25
	Future	•		
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
		·		25
MMBtu	Future	Financially Settled Futures	Natural Gas	
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
		•	Natural Gas	25
MMBtu	Future	Financially Settled Futures		
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu				25
	Future	Financially Settled Futures	Natural Gas	
MMBtu	Eu.Option	Financially Settled Option	Natural Gas	25
MMBtu				
	Future	Financially Settled Futures	Natural Gas	25
		•		
MMBtu	Future	Financially Settled Futures	Natural Gas	25
MMBtu MMBtu	Future Future	Financially Settled Futures Financially Settled Futures	Natural Gas Natural Gas	25 25
MMBtu MMBtu MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25
MMBtu MMBtu	Future Future	Financially Settled Futures Financially Settled Futures	Natural Gas Natural Gas	25 25
MMBtu MMBtu MMBtu MMBtu	Future Future Future Future	Financially Settled Futures Financially Settled Futures Financially Settled Futures Financially Settled Futures	Natural Gas Natural Gas Natural Gas Natural Gas	25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu	Future Future Future Future Future	Financially Settled Futures	Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas	25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu	Future Future Future Future Future Future Future	Financially Settled Futures	Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas	25 25 25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu	Future Future Future Future Future	Financially Settled Futures	Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas	25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu	Future Future Future Future Future Future Future	Financially Settled Futures	Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas Natural Gas	25 25 25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25
MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures Financially Settled Option	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures Financially Settled Option	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures Financially Settled Option Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2
MMBtu	Future	Financially Settled Futures	Natural Gas	25 25 25 25 25 25 25 25 25 25 25 25 25 2

MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		•				
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	•	Natural Gas		25	
		Financially Settled Futures				
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		175	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		175	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		·				
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		·				
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		175	
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		175	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		·				
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		175	
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		175	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		Financially Settled Option				
MMBtu	Eu.Option	' '	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Eu.Option	Financially Settled Option	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
MMBtu	Future	Financially Settled Futures	Natural Gas		25	
		·		V		
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Y	25	
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25	
-		, , ,	,		-	

Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Y	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals		25
Gallons	Eu.Option	Financially Settled Option	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Eu.Option	Financially Settled Option	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals		25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals		25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals		25
Gallons	Eu.Option	Financially Settled Option	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Eu.Option	Financially Settled Option	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Physically Settled Futures	NGL/Petrochemicals		25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals		25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Eu.Option	Financially Settled Option	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Pounds	Future	Physically Settled Futures	NGL/Petrochemicals		25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Pounds	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Pounds	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Gallons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Υ	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Y	25
Metric tons	Future	Financially Settled Futures	NGL/Petrochemicals	Y	25
Pounds	Future	Financially Settled Futures	Plastics	Y	25
Pounds	Future	Financially Settled Futures	Plastics	Y	25
Pounds	Future	Financially Settled Futures	Plastics	Y	25
Pounds	Future	Financially Settled Futures	Plastics	Υ	25
Pounds	Future	Physically Settled Futures	Plastics		25 25
Pounds	Future	Physically Settled Futures	Plastics		25 25
Pounds Pounds	Future Future	Financially Settled Futures Financially Settled Futures	Plastics Plastics		25 25
Pounds	Future	Financially Settled Futures	Plastics	Υ	25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		5
MWh	Future	Financially Settled Futures	Power		5
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
MWh	Future	Financially Settled Futures	Power		25
		,	-		-

MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh				25
	Future	Financially Settled Futures	Power	
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
Mwh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh			Power	25
	Future	Financially Settled Futures		
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
				25
MWh	Future	Financially Settled Futures	Power	
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh			Power	25
	Future	Financially Settled Futures		
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
Underlying Futures	Eu.Option	Exercises into Financial Future	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
	-			
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
		•		

MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	5
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	1
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	5
MWh	Future	Financially Settled Futures	Power	5
MWh	Future	Financially Settled Futures	Power	1
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	5
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Eu.Option	Financially Settled Option	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
Underlying Futures	Am.Option	Exercises into Financial Future	Power	25
Underlying Futures	Eu.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh		Financially Cottled Futures	Dower	25
	Future	Financially Settled Futures	Power	
MWh	Future Future	Financially Settled Futures	Power	25
MWh MWh		·		
	Future	Financially Settled Futures	Power	25
MWh	Future Future	Financially Settled Futures Financially Settled Futures	Power Power	25 25
MWh MWh	Future Future Future	Financially Settled Futures Financially Settled Futures Financially Settled Futures	Power Power Power	25 25 25
MWh MWh MWh	Future Future Future Future	Financially Settled Futures Financially Settled Futures Financially Settled Futures Financially Settled Futures	Power Power Power Power	25 25 25 25
MWh MWh MWh MWh	Future Future Future Future Future	Financially Settled Futures	Power Power Power Power Power	25 25 25 25 25

MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh MWh	Future	Financially Settled Futures	Power	5 1
MWh	Future Future	Financially Settled Futures Financially Settled Futures	Power Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
Underlying Futures	Eu.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25 25
MWh MWh	Future Future	Financially Settled Futures Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Future	Financially Settled Futures	Power	25
MWh	Am.Option	Exercises into Financial Future	Power	25
Underlying Futures	Eu.Option	Exercises into Financial Future	Power	25

MWN         Future         Financially Settled Futures         Power         25           MWh         Am Option         Exercises into Financial Future         Power         25           Underlying Futures         Lu Option         Exercises into Financial Future         Power         25           MWh         Future         Fundition         Exercises into Financial Future         Power         25           MWh         Future         Financially Settled Futures         Power         25	Underlying Futures	Am.Option	Exercises into Financial Future	Power		25
MWh         Future         Financially Settled Futures         Power         25           MWh         An Option         Describes into Financial Future         Power         25           Underlying Futures         Eu Option         Excises into Financial Future         Power         25           MWh         Future         Financially Settled Futures         Power         25           Metric tons		•				
MWh         Future         Financially Settled Futures         Power         25           MWh         Future         Financially Settled Futures         Power         25           MWh         Ant. Option         Develors into Financial Future         Power         25           Underlying Futures         Logion         Exercises into Financial Future         Power         25           MWh         Future         Financially Settled Futures         Power         25           Meric tons			·			
MWh         Future         Financially Settled Futures         Power         25           MWh         Future         Financially Settled Futures         Power         25           MWh         Am. Ogloto         Describes into Financial Future         Power         25           Underlying Futures         Eu. Ogloto         Excises into Financial Future         Power         25           MWh         Future         Financially Settled Futures         Power         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25			·			
MWh         Future         Financially Settled Futures         Power         25           MWh         Am Ogton         Secroless into Financial Future         Power         25           Underlying Futures         Eu Ogton         Exercises into Financial Future         Power         25           MWh         Future         Financially Settled Futures         Power         25           Metric tons         Future         Financially Settled Futures         Belined Products         Y         25			•			
MWh         Am Option         Exercises into Financial Future         Power         2.5           Underlying Futures         BLO Option         Exercises into Financial Future         Power         2.5           MWh         Future         Financial Settled futures         Power         2.5           MWh         Future         Financially Settled futures         Refined Products         Y         2.5 <td></td> <td></td> <td>·</td> <td></td> <td></td> <td></td>			·			
Underlying Futures         Am Option         Exercises into Financial Future         Power         2.5           MWh         Future         Financially Settled futures         Power         2.5           Metric tons         Future         Financially Settled futures         Befined Products         Y         2.5           Metric tons         Future         Financially Settled futures         Befined Products			•			
Underlying Futures         Eu. Option         Exercises into Financial Future         Power         2.5           MWh         Future         Financially Settled futures         Power         2.5           Metric tons         Future         Financially Settled futures         Refined Products         Y         2.5           Barrels         Future         Financially Settled futures         Refined Products <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
MWh         Future         Financially Settled futures         Power         25           Metric tons         Future         Financially Settled futures         Refined Products         y         25           Metric tons         Future         Financially Settled futures         Refined Products         y         25           Barrels         Future         Financially Settled futures         Refined Products         y         25           Barrels         Future         Financially Settled futures	, •					
MWh         Future         Financially Settled futures         Power         25           Metric tons         Future         Financially Settled futures         Refined Products         Y         25           Metric tons         Future         Financially Settled futures         Refined Products         Y         25           Barrels         Future         Financially Settled futures         Refined Products         Y         25           Barrels         Future         Financially Settled futures	· -	•				
MWh         Future         Financially Settled Futures         Power         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financ			·			
MWh         Future         Financially Settled Futures         Power         25           MWh         Future         Financially Settled Futures         Power         23           MWh         Future         Financially Settled Futures         Power         23           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels			•			
MWh         Future         Financially Settled Futures         Power         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25			•			
MWh Future Financially Settled Futures Power 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels F			'			
MWh Future Financially Settled Futures Power 25 Metric tons Future Financially Settled Futures Refined Products V 25 Metric tons Future Financially Settled Futures Refined Products V 25 Metric tons Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Barrels Future Financially Settled Futures Refined Products V 25 Metric tons Future Financially Settled Futures Refined Products V 25 Metric tons Future Financially Settled Futures Refined Product V 25 Metric tons Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Product V 25 Barrels Future Financially Settled Futures Refined Pro			•			
MWh Future Financially Settled Futures Power 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y			•			
MWh Future Financially Settled Futures Power 25 MWh Future Financially Settled Futures Power 25 MWh Future Financially Settled Futures Power 25 MWh Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financially Settled Futures Refined Products 7 5 Metric tons Future Financiall			·			
MWh Future Financially Settled Futures Power 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Barrels Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Gallons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Futures Refined Products 7 25 Metric tons Future Financially Settled Future			•			
Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric tons Future Financially Settled Futures Refined Products Y 25 SMetric ton			•			
Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Financially Settled Futures Refined Products Y 5 SMetric tons Future Fi			·			
Metric tons Metric tons Metric tons Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Gallons Future Financially Settled Futures Refined Products Y Z5 Gallons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Metric tons Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Gallons Future Financially Settled Futures Refined Products Y Z5 Barrels Future Financially Settled Futures Refined Products Y Z5 Barrels Future Fi			•		V	
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			·			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 10 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 B			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 10 Metric tons Future Financially Settled Futures Refined Products Y 10 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 G			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refine			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric Settled Futures Refined Products Y 25 Metric Settled Futures Refined Products Y 25 Metric Metric Settled Futures Refined Products Y 25 Metric Metric Settled Futures Refined Products Y 25 Metric Settled Futures Refin			•			
Barrels Future Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Ref			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 10 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu. Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Barrels Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 255 Barrels Future Financially Settled Futures Refined Products Y 255 Metric tons Future Financially Settled Futures Refined Products Y 255 Gallons Future Financially Settled Futures Refined Products Y 255 Gallons Future Financia			•			
Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 10 Metric tons Future Financially Settled Futures Refined Products Y 10 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric Settled Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future		•				
Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 5 Metric tons Future Financially Settled Futures Refined Products Y 10 Barrels Future Financially Settled Futures Refined Products Y 10 Barrels Future Financially Settled Futures Refined Products Y 10 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products			•			
Metric tons         Future         Financially Settled Futures         Refined Products         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         10           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25			·			
Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         10           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Eu. Option         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         2			•		Y	
Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         10           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Eu.Option         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         25<			•		v	
Metric tons         Future         Financially Settled Futures         Refined Products         Y         5           Metric tons         Future         Financially Settled Futures         Refined Products         Y         10           Barrels         Eu. Option         Financially Settled Futures         Refined Products         Y         25           Barrels         Future         Financially Settled Option         Refined Products         Y         25           Barrels         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         25           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Gallons         Future         Financially Settled Futures         Refined Products         Y         250           Metric tons         Future         Financially Settled Futures         Refined Products         Y         25           Metric tons         Future         Financially Settled Futures         Refined Products         Y			·			
Metric tons Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Refined Products Y			•			
Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Eu.Option Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Fu			·			
Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Eu.Option Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons F			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Eu.Option Financially Settled Option Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y			·			
Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 150 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25		•				
Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products 100 Gallons Eu.Option Financially Settled Option Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			•			
Gallons Future Financially Settled Futures Refined Products Y 250 Gallons Future Financially Settled Futures Refined Products 100 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refine			•			
Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 250 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Produ			•			
GallonsEu.OptionFinancially Settled OptionRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY250Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY150BarrelsEu.OptionFinancially Settled OptionRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled Futu			•		ī	
GallonsFutureFinancially Settled FuturesRefined ProductsY250Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY150BarrelsEu.OptionFinancially Settled OptionRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsEu.OptionFinancially Settled PuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled Fu			•		V	
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY150BarrelsEu.OptionFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled Fu		•	, '			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY150BarrelsEu.OptionFinancially Settled OptionRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsEu.OptionFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled			•			
Gallons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 150 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future F			•			
Barrels Eu.Option Financially Settled Option Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			'			
Barrels Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Barrels Future Financially Settled Futures Refined Products Y 25  Barrels Future Financially Settled Futures Refined Products Y 25  Gallons Future Financially Settled Futures Refined Products Y 150  Gallons Future Financially Settled Futures Refined Products Y 150  Gallons Future Financially Settled Futures Refined Products Y 150  Gallons Eu.Option Financially Settled Option Refined Products Y 150  Gallons Future Financially Settled Futures Refined Products Y 25  Gallons Future Financially Settled Futures Refined Products Y 25  Gallons Future Financially Settled Futures Refined Products Y 25  Gallons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25  Metric tons Future Financially Settled Futures Refined Products Y 25			•			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsEu.OptionFinancially Settled OptionRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25		•	· ·			
Barrels Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			·			
Barrels Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 150 Gallons Eu.Option Financially Settled Option Refined Products Y 150 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			•			
GallonsFutureFinancially Settled FuturesRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined Products150GallonsEu. OptionFinancially Settled OptionRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•			
GallonsFutureFinancially Settled FuturesRefined Products150GallonsEu.OptionFinancially Settled OptionRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•			
GallonsEu.OptionFinancially Settled OptionRefined ProductsY150GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25GallonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•		'	
Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			•		V	
Gallons Future Financially Settled Futures Refined Products Y 25 Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25		•	· ·			
Gallons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			·			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			·			
Metric tonsFutureFinancially Settled FuturesRefined ProductsY25BarrelsFutureFinancially Settled FuturesRefined ProductsY25Metric tonsFutureFinancially Settled FuturesRefined ProductsY25			•			
Barrels Future Financially Settled Futures Refined Products Y 25 Metric tons Future Financially Settled Futures Refined Products Y 25			•			
Metric tons Future Financially Settled Futures Refined Products Y 25			•			
·			•			
			•			
	Wichie tons	rature	. mandany Settled Futures	nemica i roducts	•	23

Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25 25
Metric tons Metric tons	Future Future	Financially Settled Futures Financially Settled Futures	Refined Products Refined Products	Υ	25 25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	V	25 25
Barrels Gallons	Eu.Option Future	Financially Settled Option Financially Settled Futures	Refined Products Refined Products	Y Y	25 25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons Metric tons	Future Eu.Option	Financially Settled Futures	Refined Products Refined Products	Υ	25 25
Metric tons	Eu.Option	Exercises into Financial Future Exercises into Financial Future	Refined Products		25
Metric tons	Eu.Option	Exercises into Financial Future	Refined Products		25
Metric tons	Eu.Option	Exercises into Financial Future	Refined Products		25
Metric tons	Eu.Option	Exercises into Financial Future	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Eu.Option	Financially Settled Option	Refined Products		25
Gallons	Future	Financially Settled Futures	Refined Products		100
Gallons	Eu.Option	Financially Settled Option	Refined Products		100
Gallons	Future	Financially Settled Futures	Refined Products		250
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Gallons Gallons	Future Future	Financially Settled Futures	Refined Products Refined Products	Y Y	25 25
Metric tons	Future	Financially Settled Futures Financially Settled Futures	Refined Products	Ϋ́Υ	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25

Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Eu.Option	Financially Settled Option	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	100	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	100	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products		25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products		25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Am.Option	Exercises into Physical Future	Refined Products		25	
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150	
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150	
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150	
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150	
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150	
Gallons	Future	Physically Settled Futures	Refined Products		250	
Gallons	Am.Option	Exercises into Physical Future	Refined Products		250	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products		25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products		25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25	
Barrels	Eu.Option	Financially Settled Option	Refined Products	Υ	25	
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25	

Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products		25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	150
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25 25
Barrels Gallons	Am.Option	Exercises into Physical Future	Refined Products Refined Products		150
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150
Gallons	Eu.Option Eu.Option	Exercises into Physical Future Exercises into Physical Future	Refined Products		150
Gallons	Eu.Option	Exercises into Physical Future	Refined Products		150
Gallons	Am.Option	Exercises into Physical Future	Refined Products		150
Gallons	Future	Physically Settled Futures	Refined Products		150
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Liters	Future	Financially Settled Futures	Refined Products	Y	25
Liters	Future	Financially Settled Futures	Refined Products	Y	25
Liters	Future	Financially Settled Futures	Refined Products	Y	25
Liters	Future	Financially Settled Futures	Refined Products	Υ	25
Liters	Future	Financially Settled Futures	Refined Products	Υ	25
Gallons	Future	Financially Settled Futures	Refined Products		150
Gallons	Eu.Option	Financially Settled Option	Refined Products		150
Gallons	Future	Financially Settled Futures	Refined Products		25
Gallons	Future	Financially Settled Futures	Refined Products	Υ	150
Gallons	Future	Financially Settled Futures	Refined Products	Υ	150
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products		25
Barrels	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25

Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
		•			
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
		-		.,	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		-	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures			
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•		Y	
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
		•		Y	25
Barrels	Future	Financially Settled Futures	Refined Products		
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures			
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		-			
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Eu.Option	Financially Settled Option	Refined Products	Υ	25
	•	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	•			
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
		•			
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
	-				
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
		Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future				

Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Eu.Option	Financially Settled Option	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products		25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Υ	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Barrels	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Gallons	Future	Financially Settled Futures	Refined Products	Ϋ́	25
Gallons	Future	Financially Settled Futures	Refined Products	Y	25
Metric tons	Future	Financially Settled Futures	Refined Products	Y	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	•	25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	Υ Υ	25 25
Metric tons	Future	•	Refined Products	Ť	25 25
Metric tons  Metric tons		Financially Settled Futures	Refined Products  Refined Products	Υ	25 25
	Future	Financially Settled Futures		Υ Υ	25 25
Metric tons	Future	Financially Settled Futures	Refined Products	Y Y	
Metric tons	Future	Financially Settled Futures	Refined Products	Υ	25
Metric tons	Future	Financially Settled Futures	Softs		25
Pounds	Future	Financially Settled Futures	Softs		25
Pounds	Future	Financially Settled Futures	Softs		25
Pounds	Future	Financially Settled Futures	Softs		25

Spot-Month position comprised		Spot-Month Aggregate Into Futures	Spot-Month Aggregate	Spot-Month Aggregate
of futures and deliveries	Equivalent Leg (1)	Equivalent Leg (2)	Into Ratio Leg (1)	Into Ratio Leg (2)
	ACL			==6 (=/
	ACR		1 ALW : 1 ACR	
	ACR			
	MCC		1 MC6 : 1 MCC	
	MCC			
	MFF			
	MFF		1 MFO : 1 MFF	
	MFF MFF		1 RLA : 1 MFF 1 RQA : 1 MFF	
	MTF		1 CLA : 1 MTF	
	MTF		1 CQA : 1 MTF	
	MTF			
	MTF		1 MTO : 1 MTF	
	NCL			
	QL		1 C1 : 1 QL	
	QL OL		1 (1/. 1 0)	
	QL		1 6K : 1 QL	
	QL QP		1 6M : 1 QL	
	QP		1 RPF : 1 QP	
	QX		1 CPF : 1 QX	
	QX			
	SSI			
	26	BZ	1 BV : 1 26	1 BV : -1 BZ
	26	BZ	1 BK : 1 26	1 BK : -1 BZ
	26	BZ	1 BY: 126	1 BY : -1 BZ
	26 26		1 42 : 1 26	
	26		1 6E : 1 26	
	26		1 6F : 1 26	
	26		1 AO : 1 26	
	26		1 CD: 126	
	26		1 CS: 1 26	
	26		1 DCL : 1 26	
	26	26	1 DNM : 1 26	
	26 29	26 V7	1 DTM : 1 26 1 36 : 1 29	1 36 : -1 V7
	29	V7 V7	1 38 : 1 29	1 38 : -1 V7
	29	• •	130.123	130. 177
	29		1 37 : 1 29	
	A4	V7	1 E5 : 1 A4	1 E5 : -1 V7
	A4			
	AY	26	1 FH : 1 AY	1 FH : -1 26
	AY	DD	1 00 . 1 00	
	BB BB	BB BB	1 9B : 1 BB 1 9C : 1 BB	
	BB	BB	1 9D : 1 BB	
	BB	BB	1 9L:1 BB	
	BB	BB	1 9Y:1 BB	
	BB	BB	1 AA: 1 BB	
	BB	BB	1 AB: 1 BB	
	BB	BB	1 AC: 1 BB	
	BB	BB	1 AM : 1 BB	
	BB BB	BB DC	1 AZ : 1 BB 1 DB : 1 BB	1 DB : -1 DC
	BB	DC	100.100	100.100
	BB		1000 MBZ : 1 BB	
	ВВ		1 ODB : 1 BB	
	BZ	D00	1 BSG : 1 BZ	1 BSG : -1 DOO
	BZ	DOO	1 DBO : 1 BZ	1 DBO : -1 DOO

0.7		4.04 . 4.07	
BZ		1 BA : 1 BZ	
BZ BZ		1 BE : 1 BZ 1 BPC : 1 BZ	
BZ BZ		1 BQP : 1 BZ	
BZ		1 bQr . 1 b2	
BZ		1 CY : 1 BZ	
BZ		1 IBE : 1 BZ	
BZ		1 IBS : 1 BZ	
BZ		1 J9 : 1 BZ	
BZ		1 OS: 1 BZ	
C01-C31			
CFA			
CFB			
CFC			
CL	CL	1 WA:1 CL	
CL	CL	1 WB : 1 CL	
CL	CL	1 WC : 1 CL	
CL	CL	1 WM : 1 CL	
CL	CL	1 WZ : 1 CL	
CL CL		1 LO : 1 CL	
CSN		110.101	
CVF			
CVF		1 CVP : 1 CVF	
DC		1 AH : 1 DC	
DC		1 BI : 1 DC	
DC			
DOO	DC	1 DPO : 1 DOO	1 DPO : -1 DC
D00		1 DOA: 1 DOO	
D00		1 DOB: 1 DOO	
D00			
MB			
MO	26	1 YV : 1 MO	1 YV : -1 26
MO	26	1 VV . 1 MV	1 VV · 1 26
MX MX	20	1 YX : 1 MX	1 YX : -1 26
NBZ		1 BDA : 1 NBZ	
NBZ		1 BDC : 1 NBZ	
NBZ		1 BDE : 1 NBZ	
NBZ		1 BDO : 1 NBZ	
NBZ			
R2			
RE			
SG	DOO	1 DZB : 1 SG	1 DZB : -1 DOO
UB	1C	1 1C:1 UB	1 1C:-1 1C
UB	59	1 59 : 1 UB	1 59 : -1 59
UB	6W	1 6W : 1 UB	1 6W : -1 6W
UB	BB	1 FE : 1 UB	1 FE : -1 BB
UB	BB	1 FY : 1 UB	1 FY : -1 BB
UB		1 7G : 1 UB	
UB UB		1 DBB : 1 UB 1 DBP : 1 UB	
UB		I DDF . I OB	
V7		1 39 : 1 V7	
V7			
wcc			
wcc		1 WCI : 1 WCC	
WCE			
WCE		1 WCO : 1 WCE	
WS	WS	1 7A : 1 WS	
WS	WS	1 7B : 1 WS	
WS	WS	1 7C : 1 WS	
WS	WS	1 7M : 1 WS	
WS WS	WS	1 7Z : 1 WS	
■ VVS		1 LC : 1 WS	
WS WS		1000 MCL : 1 WS 2 QM : 1 WS	

MC			
WS			
XA	26	1 WJ : 1 XA	1 WJ : -1 26
XA			
XB	26	1 FF : 1 XB	1 FF : -1 26
XB			
WS XA XA XB XB 6S 6S 6S 6S		1 6P: 1 6S	
6S			
6S		1 9E : 1 6S	
6S		1 VA: 16S	
6S		1 VG : 1 6S	
6T			
6T		1 6U : 1 6T	
6T		1 9G : 1 6T	
6T		1 AV : 1 6T	
6T		1 RC : 1 6T	
CCA		1 CAO : 1 CCA	
		I CAU . I CCA	
CCA		4 005 4 001	
CPL		1 CPE : 1 CPL	
CPL			
CPL		1 PCL: 1 CPL	
CR		1 92 : 1 CR	
CR		1 93 : 1 CR	
CR		1 94 : 1 CR	
CR		195:1CR	
CR		1 CO : 1 CR	
CR			
EUL			
FLY			
REU		1 ERO : 1 REU	
REU		I ENO . I NEO	
		1 DUE . 1 DEU	
REU		1 RUE : 1 REU	
RJ		1 76 : 1 RJ	
RJ		1 86 : 1 RJ	
RJ		1 96 : 1 RJ	
RJ		1 98 : 1 RJ	
RJ		1 OR : 1 RJ	
RJ			
2M			
CU			
CU		1 CVR : 1 CU	
EZ			
EZ		1 NVP : 1 EZ	
WE			
YE			
Z1			
V2			
CFU			
CFU		4 CSF : 1 CFU	
CFU		1 M0 : 1 CFU	
FRS			
HFT		4 H0 : 1 HFT	
HFT			
HFT		1 Q0 : 1 HFT	
PFU		4 F0 : 1 PFU	
PFU		1 N0 : 1 PFU	
PFU			
SFT		4 G0 : 1 SFT	
SFT		1 PO: 1 SFT	
SFT			
TC6			
TH		1 TCF : 1 TH	
TH		2101.2111	
TI			
TJ			
TK			
TL		1 TDT : 1 TL	
TL			

I	TM		1 TCW : 1 TM	
	TM			
	6Q		1 QI : 2.5 6Q	
	6Q			
	AUP			
	BUS FSF			
	GB			
	GB		1 GBC : 1 GB	
For position limit purposes, spot	GC			
For position limit purposes, spot	GC		1 L01-L31 : 1 GC	
For position limit purposes, spot	GC		10 MGC : 1 GC	
For position limit purposes, spot	GC		1 OG : 1 GC	
	GVF			
For position limit purposes, spot	GVF		1 GVP : 1 GVF	
For position limit purposes, spot	HG HG		1 HX : 1 HG	
Tor position limit purposes, spot	HGS		1 CAP : 1 HGS	
	HGS		10/11/100	
	HR			
	HR		1 HRO : 1 HR	
	LSF			
	NSF			
For position limit purposes, spot	PA		4040 404	
For position limit purposes, spot	PA PIO		1 PAO : 1 PA 1 ICP : 1 PIO	
	PIO		2 ICT : 1 PIO	
	PIO		2101.1110	
	PIO		2 TIO : 1 PIO	
For position limit purposes, spot	PL			
For position limit purposes, spot	PL		1 PO: 1 PL	
	QC			
	QO			
For position limit purposes, spot	RBR SI			
For position limit purposes, spot	SI		1 SO : 1 SI	
Tor position limit purposes, spot	SSF		130.131	
	UX			
	5Z			
	6Z			
	8A			
	8B			
	8E			
	8F 8X			
	8Z			
	9A		1 SGW : 1 9A	
	9A			
	9F			
	A1	CFS	1 Q1 : 1 A1	1 Q1 : -1 CFS
	A1			
	B4	Τ.	1 NO . 1 CC	1 NO . 1 TA
	C6 C6	TA	1 N8 : 1 C6	1 N8 : -1 TA
	C8	В4	1 N7 : 1 C8	1 N7 : -1 B4
	C8			
	CFS			
	CFS		1 TC : 1 CFS	
	CFS		1 5D : 1 CFS	
	CI			
	CZ			
	DSF DSF		1 PG : 1 DSF	
	DT	PE	1 DI : 1 DT	1 DI : -1 PE
	DT			_
	DW			
	E2			

FP			
GL			
HH		4 4D : 1 HH	
НН		1 E7 : 1 HH	
НН			
НН		1 KD : 1 HH	
НН		4 NN : 1 HH	
нн		4 6I : 1 HH	
НН		4 6J : 1 HH	
HHS		1 HB : 1 HHS	
HHS		1 5E : 1 HHS	
HHS			
HP	HP	1 G4:1 HP	
HP	HP	1 G2 : 1 HP	
HP	HP	1 G3 : 1 HP	
HP	HP	1 G5 : 1 HP	
HP	HP	1 G6 : 1 HP	
HP	HP	1 G7 : 1 HP	
HP			
HP		1 LN : 1 HP	
HP		4 NP : 1 HP	
HP		4 QG : 1 HP	
J3	TR	1 B2 : 1 J3	1 B2 : -1 TR
J3			
J6	GL	1 S9 : 1 J6	1 S9 : -1 GL
J6			
J7	ТВ	1 S7 : 1 J7	1 S7 : -1 TB
J7		100 110	4.00 4.50
J8	FP	1 Q9 : 1 J8	1 Q9 : -1 FP
J8	ND	1 MC . 1 KC	1 MC . 1 ND
K6	ND	1 M6 : 1 K6	1 M6 : -1 ND
K6 K7	NU	1 M7 : 1 K7	1 M7 : -1 NU
K7 K7	NO	IWI/.IK/	1 10171 110
K8	SZ	1 M8 : 1 K8	1 M8 : -1 SZ
K8	32	1 100 . 1 100	11410. 132
K9	TE	1 M9 : 1 K9	1 M9 : -1 TE
К9			
LAI		1 JKM : 1 LAI	
LAI			
M3	8X	1 C7 : 1 M3	1 C7 : -1 8X
M3			
M4	8Z	1 C9 : 1 M4	1 C9 : -1 8Z
M4			
MFS			
MFS		1 NF: 1 MFS	
MFS		1 4W:1 MFS	
NB			
NB		1 PY: 1 NB	
ND			
NE			
NFS			
NFS		1 NL : 1 NFS	
NFS		1 5G : 1 NFS	
NG	NG	1 IA : 1 NG	
NG	NG	1 IB : 1 NG	
NG NC	NG	1 IC : 1 NG	
NG NC	NG	1 IE : 1 NG	
NG NG	NG NG	1 IM : 1 NG	
NG NG	NG	1 IZ : 1 NG	
NG NG		1 HHQ : 1 NG	
NG NG		4 MNG : 1 NG	
NG NG		1 ON : 1 NG	
NG NK		I ON . I NO	
NM			
NQ			

NR		1 ZR : 1 NR	
NS NS		1 7N - 1 NC	
NS NS		1 ZN : 1 NS 1 5M : 1 NS	
NU			
NV			
NX		4.501.4.007	
NX NZ		1 5N : 1 NX	
NZ		1 TZ : 1 NZ	
OW	DW	1 IO: 1 OW	1 IO : -1 DW
OW			
OX OX	PD	1 OI : 1 OX	1 OI : -1 PD
PB			
PC		1 CW : 1 PC	
PC			
PD		1 511 - 1 00	
PD PE		1 5H : 1 PD	
PF			
PFS			
PFS		1 PM : 1 PFS	
PPM		1 PPB : 1 PPM	
PPM PPM		1 PPD : 1 PPM 1 PPE : 1 PPM	
PPM		21121211111	
PW			
PX	NFS	1 IW: 1 PX	1 IW : -1 NFS
PX Q7	T5	1 N6 : 1 Q7	1 N6 : -1 T5
Q7 Q7	15	1 NO . 1 Q7	1 1001 15
SF	NS	1 IF : 1 SF	1 IF : -1 NS
SF			
SH	DSF	1 IH : 1 SH	1 IH : -1 DSF
SH SJ	XX	1 IJ : 1 SJ	1 IJ : -1 XX
SJ	7.5.	1 PJ : 1 SJ	1.0.1.17.0.1
SJ			
SK	PC	1 IK : 1 SK	1 IK : -1 PC
SK SL	PFS	1 IL : 1 SL	1 IL : -1 PFS
SL	FIS	111.131	1161713
SM	XJ	1 IP: 1 SM	1 IP : -1 XJ
SM		1 PK : 1 SM	
SM	11116	4 IN . 4 CN	4 181 - 4 11116
SN SN	HHS	1 IN : 1 SN	1 IN : -1 HHS
SQ	NE	1 IQ : 1 SQ	1 IQ : -1 NE
SQ			
SR	XR	1 IR : 1 SR	1 IR : -1 XR
SR SS	NB	1 IS : 1 SS	1 IS : -1 NB
SS	IND	113.133	1 I31 IND
ST	NZ	1 IT : 1 ST	1 IT : -1 NZ
ST			
SU	NK	1 IU : 1 SU	1 IU : -1 NK
SU SV	ХН	1 IV : 1 SV	1 IV : -1 XH
SV		1 PU : 1 SV	
SV			
SX	NX	1 IX : 1 SX	1 IX : -1 NX
SX SY	WFS	1 IY : 1 SY	1 IY : -1 WFS
SY	VVIJ	111.131	T 11 1 - T VV [3
SZ			
T2	TX	1 Q2 : 1 T2	1 Q2 : -1 TX

1			
T2			
T4	NQ	1 Q4 : 1 T4	1 Q4 : -1 NQ
T4			
T5			
Т6	CZ	1 Y6:1 T6	1 Y6 : -1 CZ
Т6			
T7	NM	1 Y7:1 T7	1 Y7 : -1 NM
T7			
Т8	MFS	1 Y8 : 1 T8	1 Y8 : -1 MFS
Т8			
Т9	9A	1 N5 : 1 T9	1 N5 : -1 9A
Т9			
TA			
ТВ			
TE			
TR			
TX			
TZ5			
TZ6	T7.6	4 771 4 776	4 771 4 776
TZS	TZ6	1 TZI : 1 TZS	1 TZI : -1 TZ6
TZS			
U01-U31			
U8	CI	1 Z8 : 1 U8	1 Z8 : -1 CI
U8			
VS	PF	1 VI : 1 VS	1 VI : -1 PF
VS			
VX	PW	1 II: 1 VX	1 II : -1 PW
VX			
W5	6Z	1 L4 : 1 W5	1 L4 : -1 6Z
W5			
W9	PB	1 V8 : 1 W9	1 V8 : -1 PB
W9			
WFS		1 NW : 1 WFS	
WFS		150:1 WFS	
WFS		130111110	
X2	5Z	1 L2 : 1 X2	1 L2 : -1 5Z
X2 X2	32	1 LZ . 1 //2	112.132
X3	8F	1 L7 : 1 X3	1 L7 : -1 8F
X3	OI .	117.173	117101
	O.F.	1.64 . 1.74	1.04 . 1.05
X4	8E	1 C4 : 1 X4	1 C4 : -1 8E
X4		4.00 4.45	1.00 1.01
X5	8A	1 C3 : 1 X5	1 C3 : -1 8A
X5			
X8	8B	1 C2 : 1 X8	1 C2 : -1 8B
X8			
XH		1 PH: 1 XH	
XH		1 5K : 1 XH	
XH			
XJ		1 NH: 1 XJ	
XJ		1 5F : 1 XJ	
XJ			
XN			
XR		1 NR : 1 XR	
XR		15I:1XR	
XR		= =: 1 = /***	
XX		1 NJ : 1 XX	
XX		1 IVJ . 1 AA	
79	9F	1 N/A + 1 V/O	1 NA - 1 OF
	9F	1 N4 : 1 Y9	1 N4 : -1 9F
Y9			
1R		440	
1R		1 1S: 1 1R	
3L			
3M			
3N			
3P			
3Q			
3R			

7E	PS	1 91 : 1 7E	1 91 : -1 PS
7E		1 22 : 1 7E	
7E		10 MAE : 1 7E	
7E			
7Q		1 C5D : 1 7Q	
7Q		1 4I : 1 7Q	
7Q		1 R0 : 1 7Q	
7Q			
81			
8K		1 CPB : 1 8K	
8K		1 CPR: 18K	
8K			
8L		1 CGB : 1 8L	
8L		1005.102	
8M		1 CBB : 1 8M	
8M			
9N		10 MAS : 1 9N	
		10 141/10 . 1 514	
9N			
В0	7E	1 31 : 1 B0	1 31 : -1 7E
В0	PS	1 51 : 12.4 B0	1 51 : -1 PS
В0		,	
В0		1 C3D : 1 B0	
В0		1 4H: 1 BO	
В0		10 81 : 1 B0	
В0		1 80 : 1 B0	
C0			
CO		1 4J: 1 CO	
CO		1 8C : 1 CO	
CPP			
D0		1 C4D : 1 D0	
D0			
D0		1 4K : 1 D0	
D0		1 8J : 1 D0	
GFS	VL	1 GFN : 1 GFS	1 GFN : -1 VL
GT	GFS	1 ENF : 1 GT	1 ENF : -1 GFS
		1 FNF : 1 (31	1 ENF : -1 GFS
	di 3	12	
MBE	GI 3	11	
	GI 3	12.11.120.	
MBE MBL	GI 3		
MBE MBL MBN	GI 3	1 MBB : 1 MBN	
MBE MBL MBN MBN	GI 3		
MBE MBL MBN	GI 3		
MBE MBL MBN MBN MNB	GI3	1 MBB : 1 MBN	
MBE MBL MBN MBN MNB PS	GI3		
MBE MBL MBN MBN MNB PS PS		1 MBB : 1 MBN 1 32 : 1 PS	
MBE MBL MBN MBN MNB PS PS TY	GX	1 MBB : 1 MBN 1 32 : 1 PS 10 MUL : 1 TY	10 MUL : -1 GX
MBE MBL MBN MBN MNB PS PS		1 MBB : 1 MBN 1 32 : 1 PS	
MBE MBL MBN MBN MNB PS PS TY HPE		1 MBB : 1 MBN 1 32 : 1 PS 10 MUL : 1 TY	
MBE MBL MBN MBN MNB PS PS TY HPE HPE		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE		1 MBB : 1 MBN 1 32 : 1 PS 10 MUL : 1 TY	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP		1 MBB: 1 MBN  132: 1 PS  10 MUL: 1 TY 1 HPD: 1 HPE  1 LEL: 1 LPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP		1 MBB : 1 MBN  1 32 : 1 PS  10 MUL : 1 TY 1 HPD : 1 HPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP		1 MBB: 1 MBN  132: 1 PS  10 MUL: 1 TY 1 HPD: 1 HPE  1 LEL: 1 LPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y		1 MBB: 1 MBN  132: 1 PS  10 MUL: 1 TY 1 HPD: 1 HPE  1 LEL: 1 LPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  1 2F:1 1Y	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  1 2F:1 1Y	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D 2D		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  1 2F:1 1Y	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D 2D		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D 2D 2E 2E		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2E		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2E		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P 2Q 2R		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P 2Q 2R 2W		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P 2Q 2R 2W 2X		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	
MBE MBL MBN MBN MNB PS PS TY HPE HPE LPE LPE P1 P6 PGP PPP PPP 1Y 1Z 1Z 2D 2D 2E 2E 2N 2P 2Q 2R 2W		1 MBB: 1 MBN  132:1 PS  10 MUL:1 TY 1 HPD:1 HPE  1 LEL:1 LPE  1 PPW:1 PPP  12F:11Y  12H:11Z  12J:12D	

i	
3D	4.07. 4.09
3X	1 2Z : 1 3X
3X 46	
46 47	
49	
4L	
4M	
4N	
4P	
4Q	
4R	
4X	1 3Z : 1 4X
4X	
50	
55	
58	
5X	1 4Z : 1 5X
5X	4.007.4.00
9X 9X	1 CSZ : 1 9X
9X 9X	1 9Z : 1 9X
A3	192.198
AEF	
AEX	
AFP	
ALF	
ALP	
AOD	
AOM	
APF	
APP	
AXP	
D5	
D6	
D7 D7	2 PAP : 1 D7
D8	2 PAF . 1 D/
D9	
DMO	
DMP	
DO	
DSO	
DSP	
E3	
E4	
E4	2 PWO : 1 E4
E8	
E9	
EHE EHF	
EHP	
EHW	
EJ	
EJ	195 H4 : 1 EJ
EM	
EM	10.65 H3 : 1 EM
EM	1 OEM : 1 EM
EM	1 OY : 1 EM
ERA	
ERE	
ERP	
ERU	
ERW	
EUE EUP	
EUW	

EWE	
EWF	
EWK	
EWW	
F2	
F4	
F5	
FDM	1 FAD : 1 FDM
FDM	
FTM	1 FTD : 1 FTM
FTM	
H2	
H5	
HJ	
HM	
НМО	
HMW	
I1	
l1	1  3 : 1  1
	113.111
12	
12	1  4 : 1  2
I5	
I5	1   7 : 1   5
16	
16	1  8 : 1  6
19	1101110
	1 1/1 . 1 10
19	1 K1 : 1 I9
J1	
J1	1 M1 : 1 J1
J2	
J2	1 JCL : 1 J2
J4	
J4	2 PWP : 1 J4
JM	1.0625 4S : 1 JM
JM	1.0625 J01-J31 : 1 JM
JM	21.25 JD : 1 JM
JM	
JM	1 JO : 1 JM
JM	10.625 L1 : 1 JM
	1 PML : 20 JM
JM	
JM	1 60 : 1 JM
JP	
JP	195 N9 : 1 JP
JP	1 N9P : 10 JP
JP	390 WOR : 1 JP
K2	550 11611 131
	10 AN . 1 KA
KA	10 AN : 1 KA
KA	5 K3 : 1 KA
KA	
KA	5 9T : 1 KA
KB	195 K4 : 1 KB
КВ	
КВ	24.375 ZAO : 1 KB
KG	10 GN : 1 KG
	10 GN . 1 KG
KG	
KG	5 T3 : 1 KG
KG	5 9U : 1 KG
КН	195 D2 : 1 KH
КН	
KH	24.375 ZGO : 1 KH
KI	390 IDO : 1 KI
KI	
KJ	5 D3 : 1 KJ
KJ	10 JN : 1 KJ
KJ	
KJ	5 9V : 1 KJ
KK	195 D4 : 1 KK

KK	
KK	24.375 ZJO : 1 KK
L3 L3	2 PNO : 1 L3
L5 L5	2 PNO . 1 L3
L6	
L6	1 PSG : 1 L6
L8 L9	
Ц	
LM	
MOD MOD	1 DOD : 1 MOD
MOR	1 DOR : 1 MOR
MOR	
MPD MPD	1 DPD : 1 MPD
MPR	1 DPR : 1 MPR
MPR	
N1	4 D4 - 4 N4
N1 N3	1 R1 : 1 N1
N3	2 PNP : 1 N3
NI	21.25 CE : 1 NI
NI NI	1 NEL : 1 NI
NI	1 OE : 1 NI
NI	10.625 U6 : 1 NI
NNC NRS	
01	
01	1 R4 : 1 O1
OFM	1 OFD : 1 OFM
OFM OJ	
OM	
ОРМ	1 OPD : 1 OPM
OPM P2	
P3	
P4	
P5 P7	
P8	
Р9	
PDM	1 PDD : 1 PDM
PDM PTM	1 PTD : 1 PTM
PTM	
Q5	
Q8 R3	
R5	
R6	
R7 R7	2 PEO : 1 R7
R8	1 PEP : 1 R8
R8	
S4	
U1 U2	
U3	
U4	
U5 UM	10.65 B3 : 1 UM
UM	1 OU : 1 UM
UM	1 PJH : 20 UM

UM				
UM	UM		1 PJN : 20 UM	
UO	UM		21.25 UD : 1 UM	
UO	UM			
UO VM 1PJD:20 VM VM 1PJD:20 VM VM 21.25 VD:1 VM VM 21.25 VD:1 VM VM 21.25 VD:1 VM VM 10.625 29:1 VM VP 390 AOR:1 VP VP 390 AOR:1 VP VP 40 W2 W4 W6 X1 11	UO		195 B6 : 1 UO	
UO VM 1PJD:20 VM VM 1PJD:20 VM VM 21.25 VD:1 VM VM 21.25 VD:1 VM VM 21.25 VD:1 VM VM 10.625 29:1 VM VP 390 AOR:1 VP VP 390 AOR:1 VP VP 40 W2 W4 W6 X1 11	UO		390 NOC : 1 UO	
VM				
VM			1 OT : 1 VM	
VM				
VM				
VM VM VM VM VM VM VM VP				
VM			21.25 VD : 1 VM	
VP       390 AOR: 1 VP         VP       195 V3: 1 VP         VP       W2         W4       W6         X1       Y1         1A       GX       1 KE: 11A       10 KE: -1 GX         1A       1A       FWG: -1 TH       1 NB: -1 TH         1N       7H       1 EWG: 8.333 1N       1 EWG: -1 TH         1N       1N       1 1 NB: -1 BZ         1N       DC       1 1 NB: -1 IN       1 1 NB: -1 DOO         1N       1 DOO       1 DNB: 11N       1 DNB: -1 DOO         1N       1 1 NB: -1 IN       1 DNB: -1 DOO       1 DNB: -1 DOO         1N       1 1 NB: -1 IN       1 DNB: -1 DOO       1 TU: -1 GX         1T       GX       1 1 V: 11T       1 1 V: -1 GX         1T       1W       1 FOB: 1 1W       1 TV: -1 GX         1W       1 FOB: 1 1W       1 TY: -1 GX         1W       1 FOB: 1 1W       1 TY: -1 GX         1W       1 FOB: 1 1W       1 TY: -1 GX         1W       1 TY: -1 GX       1 TY: -1 GX         1W       1 FOB: 1 1W       1 TY: -1 GX         1W       1 FOB: 1 1W       1 TY: -1 GX         1W       1 FOB: 1 1W: -1 1T       1 TY: -1 GX	VM			
VP         195 V3:1 VP           VP         VP           W2         W4           W6         X1           X1         Y1           1A         GX         1 KE:11A         10 KE:-1 GX           1N         7H         1 EWG:8.333 1N         1 EWG:-1 7H           1N         BZ         11 NB:11N         1 1NS:18           1N         DC         11 NB:11N         1 1NB:-1 DOO           1N         DOO         1 DNB:11N         1 DNB:-1 DOO           1N         11NS:11N         1 DNB:-1 DOO           1N         11P:11N         1         1 U:-1 23           1Q         23         1 1U:-11Q         1 1U:-1 23           1Q         1T         GX         1 1V:11T         1 1V:-1 GX           1W         1W         1 FOB:1 EW         1 W:-1 26           1W         1W         1 FOB:1 HW         1 X:-1 26           23         26         1 3W:1 23         1 3W:-1 26           23         26         1 HK: 123         1 HK:-1 23         1 HK:-1 23           23         26         1 HK: 123         1 HK:-1 26         1 KH:-1 23         1 KH:-1 27         1 KH:-1 26           23 <th>VM</th> <td></td> <td>10.625 Z9 : 1 VM</td> <td></td>	VM		10.625 Z9 : 1 VM	
VP       W2         W4       W6         X1       Y1         1A       GX       1 KE:11A       10 KE:-1 GX         1A       1N       7H       1 EWG:8.333 1N       1 EWG:-17H         1N       BZ       1 1NB:11N       1 1NB:-1 BZ         1N       DC       1 1ND:11N       1 1ND:-1 DO         1N       DOO       1 DNB:11N       1 DNB:-1 DOO         1N       11N:-11N       1 1N       1 1U:-123         1Q       23       1 1U:11Q       1 1U:-123         1Q       23       1 1U:11Q       1 1U:-123         1Q       1T       GX       1 1V:11T       1 1V:-1 GX         1T       1W       1FOB:11W         1X       23       26       1 3W:123       1 3W:-126         23       26       1 1H:-123       1 HH:-123         23       3 GX       1 HA:-123       1 HH:-123         23       1 1G:123	VP		390 AOR : 1 VP	
W2 W4 W6 X1 Y1 1A GX 1KE:11A 10KE:-1GX 1A 1N 7H 1EWG:8.3331N 1EWG:-17H 1N BZ 11NB:11N 11NB:-1BZ 1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11NS:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 1HK:123 1HK:-126 23 26 1HK:123 1HC:-126 23 26 1HK:123 1HGB:-1BZ 23 26 11H:123 1HOB:-1BZ 23 26 1HK:123 1HOB:-1BZ 23 26 1HK:123 1HOB:-1BZ 23 26 1HK:123 1HGB:-1BZ 23 27 26 1HK:123 1HGB:-1BZ 24 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 28 1RBB:-1BZ 27 27 28 1RBB:-1BZ 27 27 1RB:-1BZ 27 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 21 1RB:-1BZ 22 1RBB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RBB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 22 1RBB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 22 1RB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RB:-1BZ 29 1RB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1ZZ 21 1RB:-1ZZ 21 1RB	VP		195 V3 : 1 VP	
W2 W4 W6 X1 Y1 1A GX 1KE:11A 10KE:-1GX 1A 1N 7H 1EWG:8.3331N 1EWG:-17H 1N BZ 11NB:11N 11NB:-1BZ 1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11NS:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 1HK:123 1HK:-126 23 26 1HK:123 1HC:-126 23 26 1HK:123 1HGB:-1BZ 23 26 11H:123 1HOB:-1BZ 23 26 1HK:123 1HOB:-1BZ 23 26 1HK:123 1HOB:-1BZ 23 26 1HK:123 1HGB:-1BZ 23 27 26 1HK:123 1HGB:-1BZ 24 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 26 1RBB:-1BZ 27 27 28 1RBB:-1BZ 27 27 28 1RBB:-1BZ 27 27 1RB:-1BZ 27 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 21 1RB:-1BZ 22 1RBB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RBB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 22 1RBB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RBB:-1BZ 29 1RBB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1BZ 22 1RB:-1BZ 23 1RB:-1BZ 24 1RB:-1BZ 25 1RB:-1BZ 27 1RB:-1BZ 27 1RB:-1BZ 28 1RB:-1BZ 29 1RB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 20 1RB:-1BZ 21 1RB:-1ZZ 21 1RB:-1ZZ 21 1RB	VP			
W4 W6 X1 Y1 1A GX 1 KE:11A 10 KE:-1 GX 1A 1N 7H 1 EWG:8.333 1N 1 EWG:-1 7H 1N BZ 11NB:11N 11NB:-1 BZ 1N DC 11ND:11N 11ND:-1 DC 1N DOO 1 DNB:11N 1 DNB:-1 DOO 1N 1N 11P:11N 1Q 23 11U:11Q 11U:-1 23 1Q 17 GX 1 TV:11T 11V:-1 GX 1T GX 1 TV:11T 11V:-1 GX 1T W 1W 1FOB:1 IW 1X 23 26 11H:123 11H:-1 26 23 26 13W:1 23 13W:-1 26 23 26 17HK:1 23 1 HK:-1 26 23 26 17HK:1 23 1 HK:-1 26 23 26 17HK:1 23 1 HGB:-1 BZ 23 26 1 HK:1 23 1 HGB:-1 BZ 23 26 1 HK:-1 25 1 HGB:-1 BZ 23 24 25 27 26 1 TB:-1 27 1 TB:-1 26 27 27 26 1 TB:-1 27 1 TB:-1 26 27 27 26 1 TB:-1 27 1 TB:-1 26 27 7 H 1 XER:-1 27 1 TB:-1 26 27 7 H 1 XER:-1 27 1 TB:-1 26 27 7 H 1 XER:-1 27 1 TB:-1 26 27 7 1 TB:-1 27 1 TB:-1 26 27 1 TB:-1 27 1 TB:-1 26 28 1 TBB:-1 BZ 29 1 TBB:-1 BZ 20 1 TB:-1 27 1 TBB:-1 BZ 20 1 TB:-1 27 1 TB:-1 26 21 TB:-1 27 1 TB:-1 27 22 1 TB:-1 27 1 TB:-1 26 23 1 TB:-1 27 1 TB:-1 26 24 1 TB:-1 27 1 TB:-1 26 25 1 TB:-1 27 1 TB:-1 26 26 1 TB:-1 27 1 TB:-1 27 28 1 TB:-1 27 1 TB:-1 27 29 1 TB:-1 27 20 1 TB:-1 27 21 TB:-1 27 22 1 TB:-1 27 23 1 TB:-1 27 24 1 TB:-1 27 25 1 TB:-1 27 27 1 TB:-1 27 27 1 TB:-1 27 28 1 TB:-1 27 29 1 TB:-1 27 20 1 TB:-1 27 20 1 TB:-1 27 21 TB:-1 27 22 1 TB:-1 27 23 1 TB:-1 27 24 1 TB:-1 27 25 1 TB:-1 27 27 1 TB:-1 27 27 1 TB:-1 27 28 1 TB:-1 27 29 1 TB:-1 27 20 1 TB:-1 27 21 1 TB:-1 28 23 1 TB:-1 28 23 1 TB:-1 28 24 1 TB:-1 28 25 1 TB:-1 28 25 1 TB:-1 28 26 1 TB:-1 28 27 1 TB:-1 28 28 1 TB:-1 28 28 1 TB:-1 28 29 1 T				
W6 X1 Y1 1A				
X1 Y1 1A GX 1KE:11A 10KE:-1GX 1A 1N 7H 1EWG:8.333 1N 1EWG:-17H 1N BZ 11NB:11N 11NB:-1BZ 1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1Q 1T GX 11V:11T 11V:-1GX 1T GX 11V:11T 11V:-1GX 1T W 1FOB:1 1W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 13W:123 13W:-126 23 26 13W:123 13W:-126 23 26 11H:123 1HK:-126 23 26 11H:123 1HK:-126 23 26 13W:123 13W:-126 23 26 11H:123 1HK:-126 23 26 11H:123 1HK:-126 23 26 11H:123 1HK:-126 23 26 11H:123 1HK:-126 23 26 11H:123 1HB:-126 23 26 11H:123 1HB:-126 25 27 26 1RK:127 1RB:-127 27 26 1RR:127 1RB:-126 27 27 26 1RR:127 1RB:-126 27 26 1RR:127 1RB:-126 27 27 26 1RR:127 1RB:-126 27 27 26 1RR:127 1RB:-126 27 27 28 1RB:127 1RB:-126 27 27 1R:-127 27 28 1RB:-127 1RB:-126 27 27 1R:-127 28 1RG:-127 29 1RG:-127 20 1RG:-127 21 1R:-127 22 1RG:-127 23 1GK:-128 24 1RG:-127 27 1R:-127 27 1R:-127 28 1RG:-127 29 1RG:-127 20 1RG:-127 21 1R:-121 10 LE:-1GX 21 1R:-121 10 LE:-1GX 21 1R:-121 10 LE:-1GX				
Y1 1A GX 1KE:11A 10 KE:-1 GX 1A 1N 7H 1EWG:8.333 1N 1EWG:-1 7H 1N BZ 11NB:1 1N 11NB:-1 BZ 1N DC 11ND:11 N 11ND:-1 DC 1N DOO 1DNB:1 1N 1DNB:-1 DOO 1N 1N 11N5:1 1N 1Q 23 11U:11Q 11U:-1 23 1Q 1T GX 11V:11T 11V:-1 GX 1T 1W 1W 1FOB:1 1W 1X 23 26 11H:1 23 11H:-1 26 23 26 13W:1 23 13W:-1 26 23 26 11H:1 23 1 3W:-1 26 23 26 1 1H:1 23 1 HOB:-1 BZ 23 26 1 HK:1 23 1 HOB:-1 BZ 23 26 1 HK:1 23 1 HOB:-1 BZ 23 26 1 HK:1 23 1 HOB:-1 BZ 23 26 1 HG:1 23 1 HOB:-1 BZ 24 25 27 26 1 ST:-1 27 1 ST:-1 26 27 27 26 1 ST:-1 27 1 ST:-1 26 27 27 26 1 ST:-1 27 1 ST:-1 26 27 27 28 1 RB:-1 BZ 27 27 1 ST:-1 27 1 ST:-1 26 27 27 1 ST:-1 27 1 ST:-1 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 27 1 ST:-1 27 1 ST:-1 27 27 27 1 ST:-1 27 28 1 ST:-1 27 1 ST:-1 27 29 1 ST:-1 27 20 1 ST:-1 27 21 1 ST:-1 21 1 ST:-1 27 21 1 ST:-1 21 1 ST:-1 27 22 1 ST:-1 21 1 ST:-1 27 23 1 ST:-1 21 1 ST:-1 27 24 1 ST:-1 21 1 ST:-1 27 27 1 ST:-1 27 27 1 ST:-1 27 28 1 ST:-1 27 1 ST:-1 27 29 1 ST:-1 27 20 1 ST:-1 27 21 1 ST:-1 21 1 ST:-1 27 21 1 ST:-1 21 1 ST:-1 21 21 1 ST:-1 21 1 ST:-1 25 21 1 ST:-1 21 1 ST:-1 21 21 1 ST:-1 21 1 ST:-1 25 21 1 ST:-1 25 23 1 ST:-1 25 23 1 ST:-1 25 24 1 ST:-1 25 25				
1A GX				
1A 1N 7H 1EWG:8.333 1N 1EWG:17H 1N BZ 11NB:11N 11NB:1BZ 1N DC 11ND:11N 11ND:1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 11H:123 1 HK:-126 23 26 11H:123 1 HK:-126 23 26 17HX:123 1 HK:-126 23 26 1 1HX:123 1 HK:-126 24 25 27 26 1 1K:-127 1 RH:-127 27 26 1 1E:-127 1 RH:-127 27 26 1 1E:-127 1 RM:-126 27 26 1 1RX:-127 1 RM:-126 27 26 1 RM:-127 1 RM:-126 27 27 26 1 RM:-127 1 RM:-126 27 27 7 H 1 RX:-1333 XER:-17H 27 7 H 1 RX:-127 8.333 XER:-17H 27 7 H 1 RX:-127 8.333 XER:-17H 27 27 1 RA:-127 28 2 1 RBB:-132 1 RBB:-132 29 1 RBB:-132 1 RBB:-132 20 1 RB:-132 21 1 RB:-132 22 1 RB:-132 23 1 RB:-132 24 1 RB:-132 25 1 RB:-132 26 1 RB:-132 27 1 RB:-132 28 1 RB:-132 29 1 RB:-132 20 1 RB:-132 20 1 RB:-132 21 1 RB:-132 22 1 RB:-132 23 1 RB:-132 24 1 RB:-132 25 1 RB:-132 27 1 RB:-132 28 1 RB:-132 29 1 RB:-132 20 1 RB:-132 20 1 RB:-132 21 1 RB:-132 22 1 RB:-132 23 1 RB:-132 24 1 RB:-132 25 1 RB:-132 26 1 RB:-132 27 1 RB:-132 28 1 RB:-132 29 1 RB:-132 20 1 RB:-132 20 1 RB:-132 20 1 RB:-132 21 1 RB:-132 21 1 RB:-132 22 1 RB:-132 23 1 RB:-132 24 1 RB:-132 25 1 RB:-132 26 1 RB:-132 27 1 RB:-132 28 1 RB:-132 29 1 RB:-132 20 1 RB:-13	Y1			
1N 7H 1EWG:8.3331N 1EWG:-17H 1N BZ 11NB:11N 11NB:-1BZ 1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11N5:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T	1A	GX	1 KE : 1 1A	10 KE : -1 GX
1N BZ 11NB:11N 11NB:-1BZ 1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 1N 11NS:11N 1DNB:-1DOO 1N 1N 11NS:11N 1UP:11N 1UP:-123 1Q 23 11U:11Q 11U:-123 1Q 10 11T GX 11V:11T 1UV:-1GX 1T GX 11V:11T 1V:-1GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 11H:123 1HK:-126 23 26 11HCB:123 1HGB:-1BZ 23 GX 1HA:123 7.45 HA:-1 GX 23 26 11HCB:123 1HOB:-1 BZ 23 GX 1HA:123 7.45 HA:-1 GX 23 1G:123 1MP:123 24 1FG:123 1MP:123 27 26 1RB:127 1RH:-1 26 27 26 1RB:127 1RH:-1 27 27 26 1RB:127 1RM:-1 26 27 26 1RB:127 1RM:-1 26 27 7 1 1S:-1 26 27 7 1 1S:-1 26 27 7 7 1 1S:-1 27 27 7 1 1RB:-1 17 27 7 1 1RB:-1 18Z 27 1 1RB:-1 18Z 28 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1A			
1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11N5:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 1HK:123 1HK:-126 23 26 1HR:127 1RH:-127 25 27 26 1RB:127 1RH:-123 27 26 1RB:127 1RH:-123 28 1 1AT:123 29 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1N	7H	1 EWG: 8.333 1N	1 EWG : -1 7H
1N DC 11ND:11N 11ND:-1DC 1N DOO 1DNB:11N 1DNB:-1DOO 1N 1N 11N5:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 1HK:123 1HK:-126 23 26 1HR:127 1RH:-127 25 27 26 1RB:127 1RH:-123 27 26 1RB:127 1RH:-123 28 1 1AT:123 29 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1N	BZ	1 1NB : 1 1N	1 1NB : -1 BZ
1N DOO 1 DNB:11N 1 DNB:-1 DOO 1N 1N 1N 11P:11N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1 GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 1 HK:123 1 HK:-126 23 23 BZ 1 HOB::123 7.45 HA:-1 GX 23 23 1 GX 1 HA:123 7.45 HA:-1 GX 24 25 27 26 1 1E:127 1 EX 27 26 1 1E:127 1 1E:-126 27 26 1 RM:127 1 RM:-126 27 7 46 1 RM:127 1 RM:-126 27 7 7 H 1 EXR:8.333 27 1 EXR:-1 7H 27 7 H 1 1 KER:127 8.333 KER:-1 7H 27 7 H 1 1 KER:127 8.333 KER:-1 7H 27 7 H 1 1 KER:127 1 RBB:-1 BZ 27 27 1 RB:-1 Z7 28 29 1 RB:-1 Z7 29 1 RB:-1 Z7 20 21 1 RB:-1 Z7 21 1 RB:-1 Z7 22 1 RB:-1 Z7 23 1 RB:-1 Z7 24 1 RB:-1 Z7 25 1 RB:-1 Z7 27 1 RB:-1 Z7 28 29 1 RB:-1 Z7 29 1 RB:-1 Z7 20 1 RB:-1 Z7 21 1 RB:-1 Z7 22 1 RB:-1 Z7 23 1 RB:-1 Z7 24 1 RB:-1 Z7 25 1 RB:-1 Z7 26 1 RB:-1 Z7 27 1 RB:-1 Z7 28 29 1 RB:-1 Z7 29 1 RB:-1 Z7 20 1 RB:-1 Z7 21 1 RB:-1 Z7 22 1 RB:-1 Z7 23 1 RB:-1 Z7 24 1 RB:-1 Z7 25 1 RB:-1 Z7 26 1 RB:-1 Z7 27 1 RB:-1 Z7 28 1 RB:-1 Z7 29 1 RB:-1 Z7 20 1 RB:-1 Z7 21 1 RB:-1 Z7 22 1 RB:-1 Z7 23 1 RB:-1 Z7 24 1 RB:-1 Z7 25 1 RB:-1 Z7 26 1 RB:-1 Z7 27 1 RB:-1 Z7 28 29 29 29 29 29 29 29 29 29 29 29 29 29				
1N 1N 1N 1N 11P:11N 1Q 23 11U:11Q 11U:-123 1Q 1T GX 1T 1W 1W 1W 1W 1W 1X 23 26 11H:123 13W:-126 23 26 11H:123 13W:-126 23 26 11HS:123 11HS:-126 23 26 11HS:123 11HS:-126 23 26 11HS:123 11HS:-126 23 24 25 27 28 29 20 11T 1T 20 20 21 21 22 23 24 25 27 26 11E:127 27 26 27 28 28 29 29 20 20 20 20 20 21 20 21 21 22 22 23 23 24 25 27 28 29 29 20 20 20 20 20 20 20 21 20 21 21 22 23 23 24 25 27 28 29 29 20 20 20 20 20 21 20 21 21 22 23 23 24 25 27 28 28 29 29 20 20 20 20 20 21 20 21 21 22 23 23 23 24 25 27 28 29 29 20 20 20 20 20 21 20 21 21 22 27 28 28 28 28 29 29 20 20 20 20 20 20 21 21 22 23 24 25 27 28 28 29 29 20 20 20 20 20 20 21 21 21 21 21 21 21 21 21 21 21 21 21				
1N		DOO	I DNB . I IN	1 DNB1 DOO
1N				
1Q 23 11U:11Q 11U:-123 1Q 1T GX 11V:11T 11V:-1 GX 1T 1W 1W 1FOB:11W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 11K:123 1HK:-126 23 8Z 1HOB:123 1HK:-126 23 8Z 1HOB:123 1HOB:-1 BZ 23 GX 1HA:123 7.45 HA:-1 GX 23 1GX 1HA:123 7.45 HA:-1 GX 23 1GX 1HF:127 1E:-126 23 1AT:123 23 1AT:123 23 1AT:123 24 25 27 26 11E:127 1E:-126 27 26 1SW:127 13Y:-126 27 26 1RM:127 1RM:-126 27 7H 1EXR:833327 1EXR:-17H 27 7H 1XR:833327 1EXR:-17H 27 7H 1XR:83327 1RBB:-1 BZ 27 1D:127 27 1RA:127 27 1RA:127 27 1RC:127 28 1RB:127 1 RBB:-1 BZ 29 1 RBB:127 1 RBB:-1 BZ 20 1 RB:127 1 RBB:-1 BZ 21 1 RB:127 1 RBB:-1 BZ 22 1 RB:127 1 RB:-1 BZ 23 1 RB:127 1 RBB:-1 BZ 25 1 RB:127 1 RBB:-1 BZ 26 1 RB:127 1 RBB:-1 BZ 27 1 RB:127 1 RBB:-1 BZ 28 1 RB:127 1 RBB:-1 BZ 29 1 RB:127 1 RBB:-1 BZ 20 1 RB:127 1 RBB:-1 BZ 21 1 RB:127 1 RBB:-1 BZ 22 1 RB:127 1 RBB:-1 BZ 23 1 RB:127 1 RB:-1 BZ 24 1 RB:127 1 RBB:-1 BZ 25 1 RB:127 1 RB:-1 BZ 26 1 RB:127 1 RB:-1 BZ 27 1 RB:127 1 RB:-1 BZ 28 1 RB:127 1 RB:-1 BZ 29 1 RB:127 1 RB:-1 BZ 20 1 RB:127 1 RB:-1 BZ 21 1 RB:121 1 RB:-1 BZ 22 1 RB:121 1 RB:-1 BZ 23 1 RB:121 1 RB:-1 BZ 25 1 RB:121 1 RB:-1 BZ 26 1 RB:121 1 RB:-1 BZ 27 1 RB:121 1 RB:-1 BZ 28 1 RB:127 1 RB:-1 BZ 29 1 RB:127 1 RB:-1 BZ 20 1 RB:127 1 RB:-1 BZ 20 1 RB:127 1 RB:-1 BZ 21 1 RB:121 1 RB:-1 BZ 21 RB:121 1 RB:-1 BZ				
1Q 1T	1N		1 1P : 1 1N	
1T       GX       11V:11T       11V:-1GX         1T       1W       1FOB:11W         1W       1X       23       26       11H:123       11H:-126         23       26       13W:123       13W:-126       13W:-126         23       26       1HK:123       1HK:-126       1BZ         23       BZ       1HOB:123       1HOB:-1BZ         23       1GX:123       1GX:123       1GX:-1GX         23       1AT:123       1GX:-123       1GX:-1GX         24       25       25       27       1GX:-126       1GX:-126         27       26       11E:127       1GX:-126       1GX:-126       1GX:-17H	1Q	23	1 1U : 1 1Q	1 1U : -1 23
1T 1W 1W 1W 1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 11HK:123 11HK:-126 23 26 11HK:123 11HK:-126 23 26 11HK:123 11HK:-126 23 24 25 27 28 21 28 29 29 20 21 21 22 23 24 25 27 26 11E:127 11E:-126 27 26 11RM:127 11RM:-126 27 28 29 20 21 21 22 23 23 24 25 27 28 29 29 20 20 20 20 20 20 21 22 23 23 24 25 27 28 28 29 29 20 20 20 20 20 20 21 20 21 21 22 23 23 24 25 27 28 29 29 20 20 20 20 20 21 20 21 21 22 23 23 24 25 27 28 29 29 20 20 20 20 20 20 21 21 22 23 23 24 25 27 28 28 29 29 20 20 20 20 20 21 20 21 21 21 22 22 23 23 24 25 27 28 28 29 29 20 20 20 20 20 20 21 21 21 22 22 23 23 24 25 25 27 28 28 29 29 20 20 20 20 20 20 21 21 21 22 22 23 23 24 25 25 26 26 27 28 28 29 29 20 20 20 20 20 20 21 21 21 22 22 23 24 25 26 26 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	1Q			
1W       1W       1FOB:11W         1X       23       26       11H:123       11H:-126         23       26       13W:123       13W:-126         23       26       1HK:123       1HK:-126         23       BZ       1HOB:123       1HOB:-1BZ         23       GX       1HA:123       7.45 HA:-1 GX         23       11G:123       23         23       1MP:123       24         25       27       23       1RH:127       1RH:-123         27       26       11E:127       11E:-126         27       26       13Y:127       13Y:-126         27       26       1RM:127       1RM:-126         27       7H       1EXR:8.333 27       1EXR:-17H         27       7H       1XER:127       8.333 XER:-17H         27       7H       1XER:127       1RBB:-1BZ         27       1RBB:127       1RBB:-1BZ         27       1RB:127       1RBB:-1BZ         27       1RB:127       1RBB:-1BZ         27       1RB:127       1RB:-1BZ         27       1RB:-126       1RB:-127       1RB:-127         27       1RB:-126       1RB:-1	1T	GX	1 1V : 1 1T	1 1V : -1 GX
1W     1FOB:11W       1X     23     26     11H:123     11H:-126       23     26     13W:123     13W:126       23     26     1HK:123     1HK:-126       23     BZ     1HOB:123     1HOB:-1BZ       23     GX     1HA:123     7.45 HA:-1 GX       23     1G:123     23       23     1AT:123     23       23     1MP:123     24       25     27     23     1RH:127     1RH:-123       27     26     1E:127     11E:-126       27     26     13Y:127     13Y:-126       27     26     1RM:127     1RM:-126       27     7H     1EXR:8.333 27     1EXR:-17H       27     7H     1XER:127     8.333 XER:-17H       27     7H     1XER:127     1RBB:-1BZ       27     1RBB:-1BZ     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RB:-1BZ       27     1RB:127     1RB:-1BZ       27     1RB:-1BZ     1RB:-1BZ       27     1RB:-1BZ     1RB:-1BZ       27     1RB:-1BZ     1R	1T			
1W     1FOB:11W       1X     23     26     11H:123     11H:-126       23     26     13W:123     13W:126       23     26     1HK:123     1HK:-126       23     BZ     1HOB:123     1HOB:-1BZ       23     GX     1HA:123     7.45 HA:-1 GX       23     1G:123     23       23     1AT:123     23       23     1MP:123     24       25     27     23     1RH:127     1RH:-123       27     26     1E:127     11E:-126       27     26     13Y:127     13Y:-126       27     26     1RM:127     1RM:-126       27     7H     1EXR:8.333 27     1EXR:-17H       27     7H     1XER:127     8.333 XER:-17H       27     7H     1XER:127     1RBB:-1BZ       27     1RBB:-1BZ     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RBB:-1BZ       27     1RB:127     1RB:-1BZ       27     1RB:127     1RB:-1BZ       27     1RB:-1BZ     1RB:-1BZ       27     1RB:-1BZ     1RB:-1BZ       27     1RB:-1BZ     1R	1W			
1X 23 26 11H:123 11H:-126 23 26 13W:123 13W:-126 23 26 11HK:123 11K:-126 23 26 27 28 28 29 29 20 20 21 21 23 23 24 25 27 26 27 26 27 26 27 26 27 27 27 27 27 27 27 27 27 27 27 27 27			1 FOR : 1 1W	
23			1105.110	
23		26	1 111 . 1 22	1 111 . 1 20
23				
23       BZ       1 HOB: 1 23       1 HOB: -1 BZ         23       GX       1 HA: 1 23       7.45 HA: -1 GX         23       1 1G: 1 23       7.45 HA: -1 GX         23       1 AT: 1 23       7.45 HA: -1 GX         23       1 AT: 1 23       7.45 HA: -1 GX         23       1 AT: 1 23       7.45 HA: -1 GX         24       23       1 AT: 1 23         24       25       7.45 HA: -1 23         27       26       1 1E: 1 27       1 1E: -1 26         27       26       1 3Y: 1 27       1 3Y: -1 26         27       26       1 RM: 1 27       1 RM: -1 26         27       7 H       1 EXR: 8.333 27       1 EXR: -1 7H         27       7 H       1 XER: 1 27       8.333 XER: -1 7H         27       1 RBB: 1 27       1 RBB: -1 BZ         27       1 RA: 1 27       1 RBB: -1 BZ         27       1 RA: 1 27       1 RBB: -1 BZ         27       1 RA: 1 27       1 RB: -1 BZ         27       1 RA: 1 27       1 RB: -1 BZ         27       1 RB: -1 BZ       1 RB: -1 BZ         28       1 GR: -1 2C       1 3C: -1 27         29       1 GR: -1 EX: -1 GX				
23				
23	23	BZ	1 HOB : 1 23	1 HOB : -1 BZ
23 23 24 24 25 27 28 29 29 20 21 21 22 22 23 24 25 27 26 26 27 26 27 26 28 29 29 20 20 21 21 22 22 23 24 25 27 26 27 26 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20	23	GX	1 HA: 1 23	7.45 HA: -1 GX
23	23		1 1G: 1 23	
23	23			
23	23		1 AT : 1 23	
24 25 27 28 28 29 29 29 20 20 21 21 22 20 21 21 22 22 23 27 26 27 26 28 29 20 20 21 20 21 20 21 21 22 22 23 24 25 27 26 27 26 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	23			
25 27 28 28 27 29 29 20 21 21 21 22 25 27 26 27 26 28 29 20 21 20 21 20 21 21 22 22 23 25 26 27 26 27 26 28 29 20 21 20 21 20 21 21 22 27 28 28 29 29 20 20 20 20 20 20 20 20 20 20 20 20 20			1 1 23	
27 23 1 RH:127 1 RH:-123 27 26 11E:127 11E:-126 27 26 13Y:127 13Y:-126 27 26 1RM:127 1RM:-126 27 26 1RM:127 1RM:-126 27 7H 1EXR:8.333.27 1EXR:-17H 27 7H 1XER:127 8.333.XER:-17H 27 BZ 1RBB:127 1RBB:-1BZ 27 11D:127 27 27 1RA:127 27 27 1 RA:127 27 27 27 1 RL:127 20 27 1 3C:12C 1 3C:-127 20 26 26 16G:12G 21 GX 1LE:12L 10 LE:-1 GX 21 36 BB 8.33 GKS:13G 1 GKS:-1 BB				
27		22	4.00	4.011 4.00
27				
27				
27			1 3Y: 1 27	1 3Y : -1 26
27 7H 1 XER:127 8.333 XER:-17H 27 BZ 1 RBB:127 1 RBB:-1 BZ 27 11D:127 27 27 27 1 RA:127 27 1 RL:127 20 27 1 3C:12C 1 3C:-1 27 20 26 21 GX 1 LE:12L 10 LE:-1 GX 21 GX BB 8.33 GKS:13G 1 GKS:-1 BB	27	26	1 RM:127	1 RM : -1 26
27 BZ 1 RBB: 1 27 1 RBB: -1 BZ 27 1 1D: 1 27 27 27 27 1 RA: 1 27 27 1 RL: 1 27 20 27 1 3C: 1 2C 1 3C: -1 27 20 26 21 GX 1 LE: 1 2L 10 LE: -1 GX 2L GS BB 8.33 GKS: 1 3G 1 GKS: -1 BB	27	7H	1 EXR: 8.333 27	1 EXR : -1 7H
27 BZ 1 RBB: 1 27 1 RBB: -1 BZ 27 1 1D: 1 27 27 27 27 1 RA: 1 27 27 1 RL: 1 27 20 27 1 3C: 1 2C 1 3C: -1 27 20 26 21 GX 1 LE: 1 2L 10 LE: -1 GX 2L GS BB 8.33 GKS: 1 3G 1 GKS: -1 BB	27	7H	1 XER: 127	8.333 XER : -1 7H
27				
27 27 27 28 29 29 20 29 20 21 26 22 26 26 27 28 29 20 20 20 21 20 21 20 21 21 22 22 23 25 26 26 27 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20				
27				
27			1 0 4 . 1 27	
2C 27 13C:12C 13C:-127 2C 2G 2G 2C 2L GX 1LE:12L 10LE:-1GX 2L 3G BB 8.33 GKS:13G 1 GKS:-1BB				
2C 2G 2G 16G:12G 2L GX 1 LE:12L 10 LE:-1 GX 2L 3G BB 8.33 GKS:13G 1 GKS:-1 BB				406 : :=
2G 2G		27	1 3C : 1 2C	1 3C : -1 27
2G 1 6G : 1 2G 2L GX 1 LE : 1 2L 10 LE : -1 GX 2L 3G BB 8.33 GKS : 1 3G 1 GKS : -1 BB				
2L GX 1 LE : 1 2L 10 LE : -1 GX 2L 3G BB 8.33 GKS : 1 3G 1 GKS : -1 BB	2G			
2L GX 1 LE : 1 2L 10 LE : -1 GX 2L 3G BB 8.33 GKS : 1 3G 1 GKS : -1 BB	2G		1 6G: 1 2G	
2L 3G BB 8.33 GKS : 1 3G 1 GKS : -1 BB	2L	GX	1 LE : 1 2L	10 LE : -1 GX
3G BB 8.33 GKS : 1 3G 1 GKS : -1 BB				
30	2L	BB	8,33 GKS : 1 3G	1 GKS : -1 RR
36 106.136	2L 3G	ВВ	8.33 GKS : 1 3G	1 GKS : -1 BB
30 100.130	2L 3G	ВВ	8.33 GKS : 1 3G 1 8G : 1 3G	1 GKS : -1 BB

4C	23	1 5C : 1 4C	1 5C : -1 23
4C	23	136.146	130. 123
4G			
4G		1 6D : 1 4G	
4U	23	1 7U : 1 4U	1 7U : -1 23
4U			
4Y	23	1 5U : 1 4Y	1 5U : -1 23
4Y			
5Y	23	1 7Y: 1 5Y	1 7Y : -1 23
5Y	23	1 ULB : 1 5Y	1 ULB : -1 23
	23	1 OLB . 1 31	1 OLD1 23
5Y			
7D			
7D		18D:17D	
7F			
	BZ	0.22.71.1.711	171.107
7H		8.33 7I : 1 7H	1 7I : -1 BZ
7H	BZ	8.33 7K : 1 7H	1 7K : -1 BZ
7H	BZ	1 AES : 1 7H	1 AES: -8.333 BZ
7H	BZ	1 EOB : 1 7H	1 EOB : -8.333 BZ
7H		1105.17	1103. 0.000 52
7H		1 7R : 1 7H	
7H		1 GBR : 1 7H	
7H		10 MEO : 1 7H	
		10 WILO . 1 / II	
7L			
7L		1 7N : 1 7L	
70	23	1 7W : 1 7O	1 7W : -1 23
70			
7P			
7P		1 7S : 1 7P	
8N	MM	1 NYH : 1 8N	1 NYH : -1 MM
8N			
		4 NIVD . 4 ON	
8N		1 NYB : 1 8N	
A5			
A5		1 DAP : 1 A5	
A7	23	1 A6 : 1 A7	1 A6 : -1 23
A7		27.0.27.0	17.01.125
A9	27	1 A8 : 1 A9	1 A8 : -1 27
A9			
AF	23	1 GBA : 1 AF	1 GBA: -1 23
AF	23	1 JU : 1 AF	1 JU : -1 23
	23	130.1A	130123
AF			
AJ	23	1 GUD : 1 AJ	1 GUD : -1 23
AJ	23	1 US : 1 AJ	1 US : -1 23
AJ	26	1 CF : 1 AJ	1 CF : -1 26
	20	ICI.IA	101120
AJ			
AW	26	1 CK : 1 AW	1 CK : -1 26
AW	27	1 UZ : 1 AW	1 UZ : -1 27
AW			
	DC	1 004 . 4 00	
BG	BG	1 GXA : 1 BG	
BG	BG	1 GXB : 1 BG	
BG	BG	1 GXC : 1 BG	
BG	BG	1 GXM : 1 BG	
BG	BG	1 GXZ : 1 BG	
BG			
BG		1 F8:1 BG	
ВН			
		110.101	
ВН		1 LB : 1 BH	
ВН		2 QH : 1 BH	
CBO	26	1 CBC: 1 CBO	1 CBC : -1 26
СВО	27	1 CBA: 1 CBO	1 CBA : -1 27
	-/	1 05.1.1 050	100/11 12/
СВО			
CRG	26	1 GCG : 1 CRG	1 GCG : -1 26
CRG	27	1 CRB: 1 CRG	1 CRB: -1 27
CRG			
	HE	1 FNC . 1 FFNA	1 FMC . 1 !!F
EFM	UF	1 ENS : 1 EFM	1 ENS : -1 UF
EFM			
EFM		1 FOM : 1 EFM	
EFM		10 MFD : 1 EFM	

FBD	GX	1 FBT : 1 FBD	10 FBT : -1 GX
FBD			
	26	4.000.4.0014	4.000 . 4.20
GCM	26	1 GCC : 1 GCM	1 GCC : -1 26
GCM	27	1 GBB : 1 GCM	1 GBB: -1 27
GCM	27	1 RBG : 1 GCM	1 RBG: -1 27
GCM	27	1 RVG : 1 GCM	1 RVG : -1 27
	21	TRVG. TGCW	11170. 127
GCM			
GCM		1 UGG : 1 GCM	
GE	23	1 1M : 1 GE	1 1M : -1 23
GE	23	1 ME : 1 GE	1 ME : -1 23
-	25	11112.132	11012. 123
GE			
GE		1 GVR : 1 GE	
GFS	BZ	7.45 GRC: 1 GFS	1 GRC: -1 BZ
GFS	GX	1 GRB : 1 GFS	1 GRB : -1 GX
GFS	GX	1 GRS : 1 GFS	1 GRS : -1 GX
GFS		1 GFL : 1 GFS	
GFS			
GP	23	1 UT : 1 GP	1 UT : -1 23
GP	26	1 RD : 1 GP	1 RD : -1 26
GP			
GS	26	1 1J:1 GS	1 1J : -1 26
GS	26	1 RU : 1 GS	1 RU : -1 26
GS	27	1 1K: 1 GS	1 1K : -1 27
GS	27	1 RV : 1 GS	1 RV : -1 27
GS	GP	1 MD : 1 GS	1 MD : -1 GP
	Gr	1 MD . 1 G3	I IVIDI GP
GS			
GSI			
GT	GX	1 7X : 1 GT	1 7X : -1 GX
GT	GX	1 ET : 1 GT	1 ET : -1 GX
GT	GX	10 MUD : 1 GT	10 MUD : -1 GX
GT	TY	1 BBU : 1 GT	1 BBU : -1 TY
GT			
		1 UZ - 1 CT	
GT		1 U7 : 1 GT	
GX	BB	7.45 GZ : 1 GX	1 GZ : -1 BB
GX	BZ	1 GOC : 1 GX	1 GOC: -7.45 BZ
GX		1 F7 : 1 GX	
		117.13%	
GX			
GX		1 IGE : 1 GX	
GX		10 QA: 1 GX	
GX		1 U9 : 1 GX	
H1	MF	1 FOC : 1 H1	1 FOC : -1 MF
H1			
H1		1 NYT : 1 H1	
	CL	1 CH : 1 HO	1 (4 · 1 (1
НО			1 CH : -1 CL
НО	НО	1 FA : 1 HO	
но	НО	1 FB : 1 HO	
но	НО	1 FC : 1 HO	
НО	НО	1 FM : 1 HO	
НО	НО	1 FZ : 1 HO	
но			
но		1 OH : 1 HO	
	nn.		1 10 . 4 00
JA	BB	8.9 JB : 1 JA	1 JB : -1 BB
JA	UN	1 EWN : 1 JA	1 EWN : -1 UN
JA		1 E6 : 1 JA	
JA		10 E6M : 1 JA	
		TO LOW . I JA	
JA			
JA		1 JA5 : 1 JA	
JA		10 MJN : 1 JA	
JE			
KS	DC	1 KSD : 1 KS	1 KSD : -1 DC
KS	D00	1 DRK : 1 KS	1 DRK : -1 DOO
KS	SG	1 RK : 1 KS	1 RK : -1 SG
KS	SG	1 Z0 : 1 KS	1 Z0 : -1 SG
KS		1 BX : 1 KS	
KS			
KS		1 N2 : 1 KS	
	22		4.10 - 4.22
		1 JS : 1 LL	1 JS : -1 23
LL	23	133.111	133. 123

LL			
LX	23	1 KL : 1 LX	1 KL : -1 23
LX	23	I KE . I EK	I N.L. 125
LY	23	1 1L : 1 LY	1 1L : -1 23
LY	23	1 LT : 1 LY	1 LT : -1 23
LY	26	1 GY : 1 LY	1 GY : -1 26
LY	GE	1 VV : 1 LY	1 VV : -1 GE
LY			
MF	26	1 GFC : 1 MF	1 GFC : -1 26
MF	26	1 MG : 1 MF	1 MG : -1 26
MF	BZ	1 GCI : 1 MF	1 GCI : -1 BZ
MF	UV	1 GCB : 1 MF	1 GCB : -1 UV
MF	UV	1 GCU : 1 MF	6.35 GCU : -1 UV
MF		1 FG : 1 MF	
MF			
MF		1 VZ : 1 MF	
MH	27	1 JL : 1 MH	1 JL : -1 27
MH			
MM	26	1 ML : 1 MM	1 ML: -1 26
MM	26	1 NFC : 1 MM	1 NFC : -1 26
MM	MF	1 NFG : 1 MM	1 NFG : -1 MF
MM	MF	1 VR : 1 MM	1 VR : -1 MF
MM	UF	1 NYF : 1 MM	6.35 NYF : -1 UF
MM	UF	1 NYG : 1 MM	6.35 NYG : -1 UF
MM			
MM		1 VK : 1 MM	
MQ	23	1 MQ : 1 MQ	1 MQ : -1 23
PS	UN	1 EPN : 1 PS	1 EPN : -1 UN
RB	CL	1 RX : 1 RB	1 RX : -1 CL
RB	RB	1 ZA : 1 RB	
RB	RB	1 ZB : 1 RB	
RB RB	RB RB	1 ZC : 1 RB 1 ZM : 1 RB	
RB	KD	1 OB : 1 RB	
RB		100.1Nb	
RBF	GX	1 BFR : 1 RBF	10 BFR : -1 GX
RBF	G/A	I DI N. I NO	10 0111. 1 0/
RMF			
RMG			
RMK			
RMS			
RMU			
RT		2 QU : 1 RT	
RT		1 RF: 1 RT	
RT			
RY	27	1 RI: 1 RY	1 RI : -1 27
RY			
SE	DC	6.35 STI : 1 SE	1 STI : -1 DC
SE		1 8H : 1 SE	
SE		1 BT : 1 SE	
SE		10 MTB : 1 SE	
SE		10 MTS : 1 SE	
SE		4 51/5 - 5-	
SE	UV	1 EVC : 1 SE	1 EVC : 1 UV
SE	UV	1 SFB : 1 SE	1 SFB : 1 UV
SG	GX	1 GA : 1 SG	7.45 GA : -1 GX
SG SG		1 M2 : 1 SG 10 MSG : 1 SG	
SG		TO INIO . T 20	
SG		1 VU : 1 SG	
SP		1 KU : 1 SP	
SP		1 NO . 1 3F	
STF	SG	1 STZ : 1 STF	1 STZ : -1 SG
STF	30	1312.1311	13.2. 130
STF		1 STL : 1 STF	
TW	BZ	1 GEB : 1 TW	1 GEB : -7.45 BZ
TW	GX	1 4V : 1 TW	1 4V : -1 GX
=			

-			
TW	GX	10 MGF : 1 TW	10 MGF : -1 GX
TW	GX	10 MGG : 1 TW	10 MGG : -1 GX
TW	GX	1 TU : 1 TW	1 TU : -1 GX
TW		1 B7 : 1 TW	
TW			
TY	GX	1 3V : 1 TY	1 3V : -1 GX
TY	GX	10 MGN : 1 TY	10 MGN : -1 GX
TY	GX	1 TP : 1 TY	1 TP : -1 GX
	GΛ		1 IP1 GX
TY		1 B1 : 1 TY	
TY			
UA	BZ	1 SFC : 1 UA	1 SFC : -1 BZ
UA	BZ	6.35 STR : 1 UA	1 STR : -1 BZ
UA	DC	6.35 STB : 1 UA	1 STB : -1 DC
UA	DC	6.35 STS : 1 UA	1 STS : -1 DC
UA	SE	1 MSD : 1 UA	1 MSD : -1 SE
UA	SE	1 SD : 1 UA	1 SD : -1 SE
UA	UV	1 EW : 1 UA	1 EW : -1 UV
UA	UV	1 EWB : 1 UA	1 EWB : -1 UV
UA	•	10 0F : 1 UA	125. 101
		10 5L : 1 UA	
UA			
UA		1 BS : 1 UA	
UA		1 C5 : 1 UA	
UA			
UF	BB	6.35 FI : 1 UF	1 FI : -1 BB
UF	BZ	1 FVB : 1 UF	1 FVB : -6.35 BZ
UF	UV	1 88 : 1 UF	1 88 : -1 UV
UF	UV	1 FS : 1 UF	1 FS : -1 UV
UF		10 0B : 1 UF	
UF		10 0C : 1 UF	
UF		1 FCN : 1 UF	
UF		1 KX : 1 UF	
UF		10 MFE : 1 UF	
		10 WIFE . 1 OF	
UF			4.00 4.115
UH	UF	1 33 : 1 UH	1 33 : -1 UF
UH	UF	1 EBF : 1 UH	1 EBF : -1 UF
UH		10 0A : 1 UH	
UH		1 6L : 1 UH	
UH		1 EFB : 1 UH	
UH		10 T0 : 1 UH	
UH			
UI	BB	6.35 FL : 1 UI	1 FL : -1 BB
UI	BB	6.35 FOA : 1 UI	1 FOA : -1 BB
UI	UV	1 63 : 1 UI	1 63 : -1 UV
UI	UV	1 FK : 1 UI	1 FK : -1 UV
UI	•	1 EFF : 1 UI	2 20.
		10 MMF : 1 UI	
UI		10 IVIIVIF . 1 OI	
UI	67	4.69.4.11	164 164
UJ 	GX	1 6X : 1 UJ	1 6X : -1 GX
UJ 	GX	1 JC : 1 UJ	1 JC : -1 GX
UJ	GX	10 MJC : 1 UJ	10 MJC : -1 GX
UJ		1 30 : 1 UJ	
UJ		1 F3 : 1 UJ	
UJ			
UN	BB	1 3U : 1 UN	1 3U : -1 BB
UN	BB	8.9 43 : 1 UN	1 43 : -1 BB
UN	BB	8.9 EN : 1 UN	1 EN : -1 BB
UN	BZ	1 NBB : 1 UN	1 NBB : -8.9 BZ
UN	BZ	1 NOB : 1 UN	1 NOB : -8.9 BZ
UN	<u>-</u>	1 KZ : 1 UN	0.5 52
UN		10 MEN : 1 UN	
UN		10 MNC : 1 UN	
UN		1 NCN : 1 UN	
UN		1 NWE : 1 UN	
UN			
UR	GX	1 9Q : 1 UR	1 9Q : -1 GX
UR	GX	1 JR : 1 UR	1 JR : -1 GX
UR	GX	10 MJB: 1 UR	10 MJB: -1 GX
-			

UR			
UR		1 X9 : 1 UR	
UV	BB	6.35 FCB : 1 UV	1 FCB : -1 BB
UV	BB	6.35 FO : 1 UV	1 FO : -1 BB
UV	BZ	1 BOB : 1 UV	1 BOB : -6.35 BZ
UV		10 0D : 1 UV	
UV		10 0E : 1 UV	
UV		1 FOR : 1 UV	
UV		1 KR : 1 UV	
UV		10 MFT : 1 UV	
UV		1 Q6 : 1 UV	
UV			
V0	1N	1 SMU : 1 V0	1 SMU : -1 1N
V0			
V0		1 W0:1 V0	
VL	BZ	1 GOB : 1 VL	1 GOB : -7.45 BZ
VL	GX	1 6V : 1 VL	1 6V : -1 GX
VL	GX	10 MGB: 1 VL	10 MGB : -1 GX
VL	GX	1 WQ : 1 VL	1 WQ : -1 GX
VL		1 B8 : 1 VL	
VL			
VQ			
WR	GX	1 WT : 1 WR	1 WT : -1 GX
WR			
X0			
X0		1 Y0 : 1 X0	
Y3	MF	1 NYC : 1 Y3	1 NYC : -1 MF
Y3		1 NYE : 1 Y3	
Y3			
Y4	MM	1 NYI : 1 Y4	1 NYI : -1 MM
Y4		1 NYS : 1 Y4	
Y4			
YF	23	1 YH : 1 YF	1 YH : -1 23
YF	20	4.10/ 4.10	4.11/. 4.00
YS	23	1 UY : 1 YS	1 UY : -1 23
YS	67	4.0047.4.74	4.004/4.07/
Z4 Z4	GX	1 8W : 1 Z4	1 8W : -1 GX
Z4 Z4	GX	1 Z5 : 1 Z4	1 Z5 : -1 GX
Z4 Z4		1 X6 : 1 Z4	
Z6	GX	1 7V : 1 Z6	1 7V : -1 GX
Z6 Z6	GX	17 V . 1 Z6	10 UCM : -1 GX
Z6	GX	1 Z7 : 1 Z6	1 Z7 : -1 GX
Z6 Z6	TY	1 UCU : 1 Z6	1 UCU : -1 TY
Z6	11	1 X7 : 1 Z6	1000.111
Z6		177.120	
CJ			
KT			
TT			
YO			

## Spot-N Initial Spot-Month Limit (In Net Futures Spot-Month Equivalents) Leg (1) / Accountability Level Leg (2) 1,250 1,250 1,250 1,500 1,500 2,500 2,500 2,500 2,500 3,500 3,500 3,500 3,500 1,500 200 200 200 200 200 200 200 200 500 3,000/2,000 3,000/2,000 3,000/2,000 3,000 3,000 3,000 3,000 3,000 3,000 3,000 3,000 3,000 3,000 5,000/3,000 5,000/3,000 5,000 5,000 3,000/3,000 3,000 3,000/3,000 3,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000 2,000/5,000 2,000 2,000 2,000

2,000/4,000 2,000/4,000

2,000

2,000

2,000

2,000

2,000

2,000

2,000

2,000

2,000

3,000

2,000

2,000

2,000

3,000

3,000

3,000

3,000

3,000

3,000

3,000 1,000

6,000

6,000

5,000

5,000

5,000

4,000/5,000

4,000

4,000

4,000

1,600

3,000/3,000

3,000

3,000/3,000

3,000

2,000

2,000

2,000

2,000

2,000

730

730

1,000/4,000

1,000/1,000 1,000/1,000

1,000/1,000

1,000/2,000

1,000/2,000

1,000

1,000 1,000

1,000

3,000

3,000 1,000

1,000

1,000

1,000 2,000

2,000

2,000

2,000

2,000

2,000

2,000 2,000

3,000/3,000 3,000

3,000/3,000

3,000

8,700 8,700

8,700

8,700

8,700

28,000

28,000

28,000

28,000

28,000

2,200

2,200

6,000

6,000 6,000

100

100

100

100

100

100

1,800

3,000

4,000

4,000

4,000

2,000

2,000

2,000

2,000

2,000

2,000 100

1,000

1,000

1,000

1,000

100

100

100 4,000

1,000

1,000

1,000

500 500

500

500

1,000

1,000

1,000

750

750

750 60

1,000

1,000

2,500

500

1,000 2,500

```
500
                   500
 500
                   n/a
 500
                   n/a
                  5,000
                  17,000
                  8,000
10,000
                   n/a
10,000
                   n/a
                  3,000
                  3,000
                  3,000
                  3,000
                  6,000
                  6,000
                  1,200
                  1,200
                  1,200
                  1,200
                  3,000
                  3,000
50,000
                   n/a
                  7,500
                   650
                   650
                  7,500
                  7,500
                  7,500
                  7,500
                   500
                   500
 400
                   n/a
2,000
                   n/a
                  10,000
                  1,500
                  1,500
                  3,000
                  1,000
                   500
                   150
                   150
                   250
                   500
                   500
                   250
                   250
                  2,000
                  2,000
                   500
                275/2,500
                   275
                  2,000
                 50/1,000
                    50
                500/2,000
                   500
                  2,500
                  2,500
                  2,500
                  1,000
                  1,000
                  2,000
                  2,000
                1,000/1,000
                  1,000
                  2,000
                   500
```

500 500 1,000 1,000 1,000 1,000 1,000 1,000 1,000 2,000 2,000 2,000 1,000 n/a 500/500 500 500/500 500 150/1,000 150 500/500 500 500/1,000 500 100/1,000 100 1,000/500 1,000 500/500 500 5,000 5,000 100/250 100 100/250 100 500 500 500 5,000 5,000 1,000 500 500 500 500 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,000 1,500

12,500

12,500

12,500

1,000 1,000

1,500

1,500

1,500

1,500

2,000/2,000

2,000

1,000/1,000

1,000 2,000

5,000

5,000

1,000

1,000

1,000

2,000

2,000

2,000

150 150

150

150

2,000

500/500

500

500/2,000

500

2,000/12,500

2,000

2,000/2,000

2,000

2,000/2,000

2,000

2,000

2,000/5,000

2,000

2,000/2,000

2,000

2,000/7,500

2,000

2,000 2,000/2,000

2,000

500/500

500

2,000/7,500

2,000

2,000/5,000

2,000

1,500/1,500 1,500

1,000/1,000

1,000

2,000/2,000

2,000

2,000 1,500/1,500

1,500

2,000/5,000

2,000

500 50/1,000 50

75/1,500

75

2,000

300/1,000

300

275/1,500

275

250/500

250

500/2,000

500

1,000

1,000

500

500

1,000

500

5,000

150/5,000

150

1,000

25/1,000

25

2,000/2,000

2,000

2,000/2,000

2,000

500/150

500

250/2,000

250

5,000

5,000

5,000

900/500

900

500/500

500

100/500

100

50/150

50 500/250

500

2,000

2,000

2,000

7,500 7,500

7,500

2,000

7,500

7,500

7,500

2,000 2,000

300/500

300

200

200

150

150

150

150

150/50

250/150

250/50

150/150

500/150

1,000

150/1,000

2,000

2,000

2,000

2,000 1,500

2,000

2,500

2,500 5,000

6,000

60,000 2,000

75,000

2,500

4,000

5,000

2,000

60,000

40,000

2,000

2,000

2,000 40,000

2,000 40,000

750

10,000

200

5,000

40,000

500

10,000

2,500

75,000

6,000

6,000 250

15,000

25,000

3,500

1,250

1,250 175

150

5,000

25,000

3,500 175

1,000

15,000

1,500

1,500

2,000

40,000

40,000 2,000

500

60,000

3,500

2,000

120,000

120,000 40,000

2,000

2,500

100

40,000

2,000

300 300

500

500

500

500 15,000

3,000

2,500

50,000

150

1,000 750

1,000

20,000

50

40,000

40,000

40,000

60,000

60,000

40,000

40,000

40,000

3,500

500

500

4,500

250 2,500

2,500

40,000

40,000

3,000

3,000

50,000

50,000

1,000

1,000 15,000

15,000

2,000

2,000

7,000

7,000

1,000

1,000

1,000

1,000

1,000

1,000

1,000

1,000

600

600

600

600 60,000

400

400

400 400

150

150

150

150

150

150

150

100 100

100

200

200

400 400

400

200

200

100,000

100,000

2,000

2,000

2,000

2,000

20,000

500 500

170,000

170,000

110,000

110,000

10,000

10,000

7,000

7,000

1,250

1,250 5,000

5,000

200

200

200

200

200

200

400

20,000

20,000

5,000

100,000

500

500

300

6,000

2,000

40,000

1,000 20,000

2,000

40.000

40,000 1,000

3,500

3,500

5,000

5,000 1,000

40,000

40,000

2,000 2,000

25,000

25,000

2,000

2,000

2,000

40,000

1,000

15,000 1,000

15,000

750 750

750

750

750

500

500

500

150 150

150

150

150

150

150

150

150

15,000

40,000

40,000 20,000

1,300

500/1,000 500

1,000/500

1,000/2,000

1,000/5,000

1,000/4,000

1,000

1,000

1,000

250/1,000

250

50/1,000

50

50

50

150

1,000/3,000

1,000/3,000 1,000/3,000

1,000/2,000

1,000/1,000

1,000

1,000

1,000 1,000

500

500

1,000/1,000

1,000/3,000

1,000/3,000 1,000/3,000

1,000/500

1,000/500

1,000/2,000

1,000

1,000

1,000 1,000

1,000/1,000

1,000

100

100

100/1,000

100

100/2,000 100

1,000/1,000

1,000

100

100

1,000/1,000

1,000

250/1,000

250

1,000/1,000

1,000/1,000

1,000

100

100

1,000

500/2,000

500/2,000

500/2,000

500/2,000

500

500

500

500

100

100 1,000/1,000

1,000

500

500

500/1,000

500

500

1,000

1,000

1,000/1,000

1,000

1,000/1,000

1,000 1,000/1,000

1,000/1,000

1,000

1,000/1,000

1,000/1,000

1,000/3,000

1,000

1,000/3,000

1,000/1,000

1,000

1,000

1,000

1,000 1,000

1,000

1,000

1,000

1,000

1,000 1,000

1,000/3,000

1,000/1,000

1,000

1,000/3,000

1,000/1,000

1,000

150/150

150

500/1,000

500

2,000/3,000

2,000/1,000

2,000/1,000

2,000/1,000

2,000

2,000

1,000/1,000

1,000/1,000

1,000

1,000

150/2,000

150/1,000

150/1,000

150

150

1,000/1,000

1,000/3,000

1,000

1,000/3,000

1,000/3,000 1,000/1,000

1,000/1,000

1,000/1,000

1,000

100

500/1,000

500/1,000

500/1,000

500/150

500

500

1,000/2,000

1,000/2,000

1,000

1,000

1,000

1,000

1,000

300/1,000

300

300

1,000/3,000

1,000

1,000

1,000

1,000

1,000 1,000

1,000

500/2,000

500/150

500

500

500 500

500

3,000

500/5,000

500/4,000

500/1,000

500/1,000

500

500

500

1,000/1,000

1,000/1,000

1,000

1,000/1,000

1,000/1,000

1,000/3,000

1,000/1,000

1,000

1,000/3,000

1,000/3,000

1,000/2,000

1,000/150

1,000/150

1,000

1,000

1,000

1,000/1,000

1,000

1,000/3,000

1,000/3,000

1,000/1,000

1,000/1,000

1,000/150

1,000/150

1,000

1,000

1,000/1,000

50/150

1,000/3,000

1,000

1,000

1,000

1,000

1,000

1,000

500/1,000

500

3,000

10,000

3,000

10,000

3,000

1,000

1,000

1,000 1,000/1,000

1,000

150/5,000

150

150 150

150

150

150/150

150/150 1,000/1,000

1,000

1,000

1,000

1,000

500 500

1,000/1,000

1,000

1,000

150/2,000

150/1,000

150/1,000

150/1,000

150/1,000

150

150

150/1,000

150/1,000

150/1,000

150

150

500/2,000

500/2,000

500/5,000

500/5,000

500/150

500/150

500/150

500/150

500

500 500

500

500

150/2,000

150/2,000

150/150

150/150

150

150

150

150

150

150

150/150

150/150

150/15

150

150

150

150

150/2,000 150/2,000

150/150

150/150

150

150

150 150/1,000

150/1,000

150/1,000

150

150

150

150/2,000 150/2,000

150/2,000

150/2,000

150/2,000

150

150

150

150

150 150

150/1,000

150/1,000

150/1,000

150 150 150/2,000 150/2,000 150/2,000 150 150 150 150 150 150 150 1,000/1,000 1,000 1,000 150/2,000 150/1,000 150/1,000 150/1,000 150 150 500 150/1,000 150 1,000 1,000

> 300 300

300/1,000 300

300/1,000

300 1,000/1,000

1,000 1,000/1,000

1,000

500/1,000 500/1,000

> 500 500

500/1,000 500/1,000

500/1,000

500/150 500

500 1,000

## Vonth

Initial Spot-Month Limit Effective Date	Spot-Month Limit (In Contract Units) Leg (1) / Leg (2)
Close of trading 3 business days prior to last trading day of the contract  For ACR: Close of trading 3 business days prior to last trading day of the contract	1,250,000 1,250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For MCC: Close of trading 3 business days prior to last trading day of the contract	1,500,000
Close of trading 3 business days prior to last trading day of the contract	1,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
For MFF: Close of trading 3 business days prior to last trading day of the contract	2,500,000
For MFF: Close of trading 3 business days prior to last trading day of the contract	2,500,000
For MFF: Close of trading 3 business days prior to last trading day of the contract	2,500,000
For MTF: Close of trading 3 business days prior to last trading day of the contract	3,500,000
For MTF: Close of trading 3 business days prior to last trading day of the contract	3,500,000
Close of trading 3 business days prior to last trading day of the contract	3,500,000
For MTF: Close of trading 3 business days prior to last trading day of the contract	3,500,000
Close of trading 3 business days prior to last trading day of the contract	1,500,000
For QL: Close of trading 3 business days prior to last trading day of the contract	310,000
Close of trading 3 business days prior to last trading day of the contract	310,000
For QL: Close of trading 3 business days prior to last trading day of the contract	310,000
For QL: Close of trading 3 business days prior to last trading day of the contract	310,000
Close of trading 3 business days prior to last trading day of the contract	200,000
For QP: Close of trading 3 business days prior to last trading day of the contract	200,000
For QX: Close of trading 3 business days prior to last trading day of the contract	200,000
Close of trading 3 business days prior to last trading day of the contract	200,000
Close of trading 3 business days prior to last trading day of the contract  For BZ: Close of trading 3 business days prior to last trading day of the contract	500,000 3,000,000/2,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading day of the contract and for BZ: Cl	
For 26: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading trading day of the contract and for BZ: Close of trading trading day of the contract and for BZ: Close of trading trading day of the contract and for BZ: Close of trading trading day of the contract and for BZ: Close of trading tra	=
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 26: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 29: Close of trading 3 business days prior to last trading day of the contract and for V7: Close of trading	-
For 29: Close of trading 3 business days prior to last trading day of the contract and for V7: Close of trading day of the contract and tr	
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For 29: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For A4: Close of trading 3 business days prior to last trading day of the contract and for V7: Close of tra Close of trading 3 business days prior to last trading day of the contract	ding 3 3,000,000/3,000,000 3,000,000
For AY: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of training 1 business days prior to last trading day of the contract and for 26: Close of training trading the contract and for 26: Close of training trading the contract and for 26: Close of training trading the contract and for 26: Close of training trading the contract and for 26: Close of training trading t	
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of tra	, ,
For BB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of tra	=
For BB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of tra	
For BB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of tra	=
For BB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of tra	ding 3 2,000,000/2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of tra	=
Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BB: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract and for DOO: Close of t	-
For BZ: Close of trading 3 business days prior to last trading day of the contract and for DOO: Close of t	raurig 2,000,000/4,000,000

For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For BZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CL: Close of trading 3 business days prior to last trading day of the contract	3,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For CVF: Close of trading 3 business days prior to last trading day of the contract	3,000,000
For DC: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For DC: Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For DOO: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading	4,000,000/5,000,000
For DOO: Close of trading 3 business days prior to last trading day of the contract	4,000,000
For DOO: Close of trading 3 business days prior to last trading day of the contract	4,000,000
Close of trading 3 business days prior to last trading day of the contract	4,000,000
Close of trading 3 business days prior to last trading day of the contract	1,600,000
For MO: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	3,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract  For MX: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	3,000,000 3,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For NBZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For NBZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For NBZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For NBZ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	730,000
Close of trading 3 business days prior to last trading day of the contract	730,000
For SG: Close of trading 3 business days prior to last trading day of the contract and for DOO: Close of trading	1,000,000/4,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract and for 1C: Close of trading 3	1,000,000/1,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract and for 59: Close of trading 3	1,000,000/1,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract and for 6W: Close of trading 3	1,000,000/1,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	1,000,000/2,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	1,000,000/2,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For UB: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For V7: Close of trading 3 business days prior to last trading day of the contract	3,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For WCC: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For WCE: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract and for WS: Close of trading 3	2,000,000/2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract and for WS: Close of trading 3	2,000,000/2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract and for WS: Close of trading 3	2,000,000/2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract and for WS: Close of trading 3	2,000,000/2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract and for WS: Close of trading 3	2,000,000/2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For WS: Close of trading 3 business days prior to last trading day of the contract For WS: Close of trading 3 business days prior to last trading day of the contract	2,000,000 2,000,000
101 W.S. Close of frauling 5 business days prior to last trading day of the contract	۷,000,000

Close of trading 3 business days prior to last trading day of the contract	2,000,000
For XA: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l	3,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For XB: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l	3,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For 6S: Close of trading 3 business days prior to last trading day of the contract	8,700,000
Close of trading 3 business days prior to last trading day of the contract	8,700,000
For 6S: Close of trading 3 business days prior to last trading day of the contract	8,700,000
For 6S: Close of trading 3 business days prior to last trading day of the contract	8,700,000
For 6S: Close of trading 3 business days prior to last trading day of the contract	8,700,000
Close of trading 3 business days prior to last trading day of the contract	28,000,000
For 6T: Close of trading 3 business days prior to last trading day of the contract	28,000,000
For 6T: Close of trading 3 business days prior to last trading day of the contract	28,000,000
For 6T: Close of trading 3 business days prior to last trading day of the contract	28,000,000
For 6T: Close of trading 3 business days prior to last trading day of the contract	· ·
	28,000,000
For CCA: Close of trading 3 business days prior to last trading day of the contract	2,200,000
Close of trading 3 business days prior to last trading day of the contract	2,200,000
For CPL: Close of trading 3 business days prior to last trading day of the contract	6,000,000
Close of trading 3 business days prior to last trading day of the contract	6,000,000
For CPL: Close of trading 3 business days prior to last trading day of the contract	6,000,000
For CR: Close of trading 3 business days prior to last trading day of the contract	100,000
For CR: Close of trading 3 business days prior to last trading day of the contract	100,000
For CR: Close of trading 3 business days prior to last trading day of the contract	100,000
For CR: Close of trading 3 business days prior to last trading day of the contract	100,000
For CR: Close of trading 3 business days prior to last trading day of the contract	100,000
Close of trading 3 business days prior to last trading day of the contract	100,000
Close of trading 3 business days prior to last trading day of the contract	1,800,000
Close of trading 3 business days prior to last trading day of the contract	3,000,000
For REU: Close of trading 3 business days prior to last trading day of the contract	4,000,000
Close of trading 3 business days prior to last trading day of the contract	4,000,000
For REU: Close of trading 3 business days prior to last trading day of the contract	4,000,000
For RJ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For RJ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For RJ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For RJ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For RJ: Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
Close of trading 3 business days prior to last trading day of the contract	10,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For CU: Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For EZ: Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	10,000
Close of trading 3 business days prior to last trading day of the contract	10,000
Close of trading 3 business days prior to last trading day of the contract	10,000
Close of trading 3 business days prior to last trading day of the contract	40,000
Close of trading 3 business days prior to last trading day of the contract	1,000
For CFU: Close of trading 3 business days prior to last trading day of the contract	1,000
For CFU: Close of trading 3 business days prior to last trading day of the contract	1,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For HFT: Close of trading 3 business days prior to last trading day of the contract	500
	500
Close of trading 3 business days prior to last trading day of the contract	
For HFT: Close of trading 3 business days prior to last trading day of the contract	500
For PFU: Close of trading 3 business days prior to last trading day of the contract	1,000
For PFU: Close of trading 3 business days prior to last trading day of the contract	1,000
Close of trading 3 business days prior to last trading day of the contract	1,000
For SFT: Close of trading 3 business days prior to last trading day of the contract	750
For SFT: Close of trading 3 business days prior to last trading day of the contract	750
Close of trading 3 business days prior to last trading day of the contract	750
Close of trading 3 business days prior to last trading day of the contract	60,000
For TH: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For TL: Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000

For TM: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For 6Q: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
First trading day of the expiring contract month	125,000
First trading day of the expiring contract month	340,000
First trading day of the expiring contract month	400,000
Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For GB: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
Close of business on the business day prior to the first notice day for any delivery month.	300,000
For GC: Close of business on the business day prior to the first notice day for any delivery month.	300,000
For GC: Close of business on the business day prior to the first notice day for any delivery month.	300,000
For GC: Close of business on the business day prior to the first notice day for any delivery month.	300,000
First trading day of the expiring contract month	3,000,000
For GVF: First trading day of the expiring contract month	3,000,000
Close of business on the business day prior to the first notice day for any delivery month.	30,000,000
For HG: Close of business on the business day prior to the first notice day for any delivery month.	30,000,000
For HGS: Close of business on the business day prior to the first notice day for any delivery month.	30,000,000
Close of business on the business day prior to the first notice day for any delivery month.	30,000,000
First trading day of the expiring contract month	60,000
For HR: First trading day of the expiring contract month	60,000
Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
First trading day of the expiring contract month	375,000
Close of business on the business day prior to the first notice day for any delivery month.	65,000
For PA: Close of business on the business day prior to the first notice day for any delivery month.	65,000
For PIO: First trading day of the expiring contract month	7,500,000
For PIO: First trading day of the expiring contract month	7,500,000
First trading day of the expiring contract month	7,500,000
For PIO: First trading day of the expiring contract month	7,500,000
Close of business on the business day prior to the first notice day for any delivery month.	25,000
For PL: Close of business on the business day prior to the first notice day for any delivery month.	25,000
Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
Spot Month Accounability Level is effective on the last three trading days of the futures contract.	n/a
First trading day of the expiring contract month	1,000,000
Close of business on the business day prior to the first notice day for any delivery month.	7,500,000
	7,500,000
For SI: Close of business on the business day prior to the first notice day for any delivery month.	
First trading day of the expiring contract month	300,000
First trading day of the expiring contract month	250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	375,000
Close of trading 3 business days prior to last trading day of the contract	375,000
Close of trading 3 business days prior to last trading day of the contract	625,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	625,000
Close of trading 3 business days prior to last trading day of the contract	625,000
For 9A: Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For A1: Close of trading 3 business days prior to expiration of the daily contract and for CFS: Close of trading 3	687,500/6,250,000
Close of trading 3 business days prior to expiration of the daily contract	687,500
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For C6: Close of trading 3 business days prior to expiration of the daily contract and for TA: Close of trading 3 l	125,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	125,000
For C8: Close of trading 3 business days prior to expiration of the daily contract and for B4: Close of trading 3 I	1,250,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	6,250,000
For CFS: Close of trading 3 business days prior to last trading day of the contract	6,250,000
For CFS: Close of trading 3 business days prior to last trading day of the contract	6,250,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For DSF: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For DT: Close of trading 3 business days prior to expiration of the daily contract and for PE: Close of trading 3 l	2,500,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000

Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For HH: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For HH: Close of trading 3 business days prior to last trading day of the contract	10,000,000
Close of trading 3 business days prior to last trading day of the contract	10,000,000
For HH: Close of trading 3 business days prior to expiration of the daily contract	10,000,000
For HH: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For HH: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For HH: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For HHS: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For HHS: Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For HP: Spot Month Accounabtility Level is effective on the last three trading days of the futures contract.	n/a
For J3: Close of trading 3 business days prior to expiration of the daily contract and for TR: Close of trading 3 b	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
, , , , , , , , , , , , , , , , , , , ,	
For J6: Close of trading 3 business days prior to expiration of the daily contract and for GL: Close of trading 3 b	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For J7: Close of trading 3 business days prior to expiration of the daily contract and for TB: Close of trading 3 b	375,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	375,000
For J8: Close of trading 3 business days prior to expiration of the daily contract and for FP: Close of trading 3 b	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For K6: Close of trading 3 business days prior to expiration of the daily contract and for ND: Close of trading 3	1,250,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For K7: Close of trading 3 business days prior to expiration of the daily contract and for NU: Close of trading 3	250,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	250,000
For K8: Close of trading 3 business days prior to expiration of the daily contract and for SZ: Close of trading 3 t	2,500,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	2,500,000
For K9: Close of trading 3 business days prior to expiration of the daily contract and for TE: Close of trading 3 b	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For LAI: Close of trading 3 business days prior to last trading day of the contract	50,000,000
Close of trading 3 business days prior to last trading day of the contract	50,000,000
For M3: Close of trading 3 business days prior to expiration of the daily contract and for 8X: Close of trading 3	250,000/625,000
Close of trading 3 business days prior to expiration of the daily contract	250,000
For M4: Close of trading 3 business days prior to expiration of the daily contract and for 8Z: Close of trading 3	250,000/625,000
Close of trading 3 business days prior to expiration of the daily contract	250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For MFS: Close of trading 3 business days prior to last trading day of the contract	1,250,000
For MFS: Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	12,500,000
For NB: Close of trading 3 business days prior to last trading day of the contract	12,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For NFS: Close of trading 3 business days prior to last trading day of the contract	1,250,000
For NFS: Close of trading 3 business days prior to last trading day of the contract	1,250,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
Close of trading 3 business days prior to last trading day of the contract	10,000,000
For NG: Close of trading 3 business days prior to last trading day of the contract	10,000,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	3,750,000
Close of trading 3 business days prior to last trading day of the contract	3,750,000
crose or crowing 3 business days prior to last trading day of the contract	3,730,000

Fau NID. Class of the dies 2 have been deep review to last the dies deep of the contrast	10.750.000
For NR: Close of trading 3 business days prior to last trading day of the contract  Close of trading 3 business days prior to last trading day of the contract	18,750,000 31,250,000
For NS: Close of trading 3 business days prior to last trading day of the contract	31,250,000
For NS: Close of trading 3 business days prior to last trading day of the contract	31,250,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	
	2,500,000
Close of trading 3 business days prior to last trading day of the contract	3,750,000
For NX: Close of trading 3 business days prior to last trading day of the contract	3,750,000
Close of trading 3 business days prior to last trading day of the contract	3,750,000
For NZ: Close of trading 3 business days prior to last trading day of the contract	3,750,000
For OW: Close of trading 3 business days prior to expiration of the daily contract and for DW: Close of trading	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For OX: Close of trading 3 business days prior to expiration of the daily contract and for PD: Close of trading 3	2,500,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For PC: Close of trading 3 business days prior to last trading day of the contract	12,500,000
Close of trading 3 business days prior to last trading day of the contract	12,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
For PD: Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For PFS: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For PPM: Effective on a daily basis	375,000
For PPM: Effective on a daily basis	375,000
For PPM: Effective on a daily basis	375,000
Effective on a daily basis	375,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For PX: Close of trading 3 business days prior to expiration of the daily contract and for NFS: Close of trading 3	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For Q7: Close of trading 3 business days prior to expiration of the daily contract and for T5: Close of trading 3	1,250,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For SF: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and for NS: Close of trading 3 business days prior to expiration of the daily contract and the daily con	5,000,000/31,250,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SH: Close of trading 3 business days prior to expiration of the daily contract and for DSF: Close of trading 3	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SJ: Close of trading 3 business days prior to expiration of the daily contract and for XX: Close of trading 3 l	5,000,000/5,000,000
For SJ: Close of trading 3 business days prior to expiration of the daily contract	5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SK: Close of trading 3 business days prior to expiration of the daily contract and for PC: Close of trading 3 l	5,000,000/12,500,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SL: Close of trading 3 business days prior to expiration of the daily contract and for PFS: Close of trading 3	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SM: Close of trading 3 business days prior to expiration of the daily contract and for XJ: Close of trading 3	5,000,000/18,750,000
For SM: Close of trading 3 business days prior to expiration of the daily contract	5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SN: Close of trading 3 business days prior to expiration of the daily contract and for HHS: Close of trading 3	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SQ: Close of trading 3 business days prior to expiration of the daily contract and for NE: Close of trading 3	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For SR: Close of trading 3 business days prior to expiration of the daily contract and for XR: Close of trading 3 l	5,000,000/18,750,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SS: Close of trading 3 business days prior to expiration of the daily contract and for NB: Close of trading 3 l	5,000,000/12,500,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For ST: Close of trading 3 business days prior to expiration of the daily contract and for NZ: Close of trading 3 l	3,750,000/3,750,000
Close of trading 3 business days prior to expiration of the daily contract	3,750,000
For SU: Close of trading 3 business days prior to expiration of the daily contract and for NK: Close of trading 3	2,500,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	2,500,000
For SV: Close of trading 3 business days prior to expiration of the daily contract and for XH: Close of trading 3	5,000,000/5,000,000
For SV: Close of trading 3 business days prior to expiration of the daily contract	5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For SX: Close of trading 3 business days prior to expiration of the daily contract and for NX: Close of trading 3	3,750,000/3,750,000
Close of trading 3 business days prior to expiration of the daily contract	3,750,000
For SY: Close of trading 3 business days prior to expiration of the daily contract and for WFS: Close of trading 3	5,000,000/12,500,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
For T2: Close of trading 3 business days prior to last trading day of the contract  For T2: Close of trading 3 business days prior to expiration of the daily contract and for TX: Close of trading 3 t	125,000/2,500,000
	120,000, 2,000,000

Close of trading 2 hydrogs days prior to expiration of the daily contract	125 000
Close of trading 3 business days prior to expiration of the daily contract  For T4: Close of trading 3 business days prior to expiration of the daily contract and for NQ: Close of trading 3	125,000 187,500/3,750,000
Close of trading 3 business days prior to expiration of the daily contract	187,500/3,750,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For T6: Close of trading 3 business days prior to expiration of the daily contract and for CZ: Close of trading 3 t	750,000/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	750,000
For T7: Close of trading 3 business days prior to expiration of the daily contract and for NM: Close of trading 3	687,500/3,750,000
Close of trading 3 business days prior to expiration of the daily contract	687,500
For T8: Close of trading 3 business days prior to expiration of the daily contract and for MFS: Close of trading 3	625,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	625,000
For T9: Close of trading 3 business days prior to expiration of the daily contract and for 9A: Close of trading 3 l	1,250,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	2,500,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
Close of trading 3 business days prior to last trading day of the contract	12,500,000
For TZS: Close of trading 3 business days prior to expiration of the daily contract and for TZ6: Close of trading	375,000/12,500,000
Close of trading 3 business days prior to expiration of the daily contract	375,000
Close of trading 3 business days prior to last trading day of the contract	10,000,000
For U8: Close of trading 3 business days prior to expiration of the daily contract and for CI: Close of trading 3 t	62,500/2,500,000
Close of trading 3 business days prior to expiration of the daily contract	62,500
For VS: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and for PF: Close of trading 3 business days prior to expiration of the daily contract and the daily con	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For VX: Close of trading 3 business days prior to expiration of the daily contract and for PW: Close of trading 3	5,000,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	5,000,000
For W5: Close of trading 3 business days prior to expiration of the daily contract and for 6Z: Close of trading 3	1,250,000/375000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For W9: Close of trading 3 business days prior to expiration of the daily contract and for PB: Close of trading 3	625,000/5,000,000
Close of trading 3 business days prior to expiration of the daily contract	625,000
For WFS: Close of trading 3 business days prior to last trading day of the contract	12,500,000
For WFS: Close of trading 3 business days prior to last trading day of the contract	12,500,000
Close of trading 3 business days prior to last trading day of the contract  For X2: Close of trading 3 business days prior to expiration of the daily contract and for 5Z: Close of trading 3 t	12,500,000
Close of trading 3 business days prior to expiration of the daily contract	2,250,000/1,250,000 2,250,000
For X3: Close of trading 3 business days prior to expiration of the daily contract and for 8F: Close of trading 3 business days prior to expiration of the daily contract and for 8F: Close of trading 3 business days prior to expiration of the daily contract.	1,250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For X4: Close of trading 3 business days prior to expiration of the daily contract and for 8E: Close of trading 3 t	250,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	250,000
For X5: Close of trading 3 business days prior to expiration of the daily contract and for 8A: Close of trading 3	125,000/375,000
Close of trading 3 business days prior to expiration of the daily contract	125,000
For X8: Close of trading 3 business days prior to expiration of the daily contract and for 8B: Close of trading 3 l	1,250,000/625,000
Close of trading 3 business days prior to expiration of the daily contract	1,250,000
For XH: Close of trading 3 business days prior to last trading day of the contract	5,000,000
For XH: Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For XJ: Close of trading 3 business days prior to last trading day of the contract	18,750,000
For XJ: Close of trading 3 business days prior to last trading day of the contract	18,750,000
Close of trading 3 business days prior to last trading day of the contract	18,750,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For XR: Close of trading 3 business days prior to last trading day of the contract	18,750,000
For XR: Close of trading 3 business days prior to last trading day of the contract	18,750,000
Close of trading 3 business days prior to last trading day of the contract	18,750,000
For XX: Close of trading 3 business days prior to last trading day of the contract	5,000,000
Close of trading 3 business days prior to last trading day of the contract	5,000,000
For Y9: Close of trading 3 business days prior to expiration of the daily contract and for 9F: Close of trading 3 t	750,000/1,250,000
Close of trading 3 business days prior to expiration of the daily contract	750,000
Close of trading 3 business days prior to last trading day of the contract	8,400,000
For 1R: Close of trading 3 business days prior to last trading day of the contract	8,400,000
Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	6,300,000
Close of trading 3 business days prior to last trading day of the contract  Close of trading 3 business days prior to last trading day of the contract	6,300,000 6,300,000
Close of trading 3 business days prior to last trading day of the contract	6,300,000
Close of trading 3 business days prior to last trading day of the contract	6,300,000
Close of trading 3 business days prior to last trading day of the contract	6,300,000
5 , 1 ········ 6···,·····················	,,

For 7E: Close of trading 3 business days prior to last trading day of the contract PS: Close of trading 3 business	150,000/50,000
For 7E: Close of trading 3 business days prior to last trading day of the contract	150,000
For 7E: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For 7Q: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 7Q: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 7Q: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 8K: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 8K: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 8L: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 8M: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 9N: Close of trading 3 business days prior to last trading day of the contract	100,000
Close of trading 3 business days prior to last trading day of the contract	100,000
For BO: Close of trading 3 business days prior to last trading day of the contract and for 7E: Close of trading 3 I	10,500,000/150,000
For BO: Close of trading 3 business days prior to last trading day of the contract and for PS: Close of trading 3 t	10,500,000/50,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For BO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For BO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For BO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For BO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For CO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For CO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For D0: Close of trading 3 business days prior to last trading day of the contract	10,500,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For DO: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For D0: Close of trading 3 business days prior to last trading day of the contract	10,500,000
For GFS: Close of trading 3 business days prior to last trading day of the contract and for VL: Close of trading 3	150,000/150,000
For GT: Close of trading 3 business days prior to last trading day of the contract and for GFS: Close of trading 3	500,000/150,000
Close of trading 3 business days prior to last trading day of the contract	100,000,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For MBN: Close of trading 3 business days prior to last trading day of the contract	80,000,000
Close of trading 3 business days prior to last trading day of the contract	80,000,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For PS: Close of trading 3 business days prior to last trading day of the contract	50,000
Close of trading 3 business days prior to last trading day of the contract	50,000
For TY: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For HPE: Close of trading 3 business days prior to last trading day of the contract	94,000,000
Close of trading 3 business days prior to last trading day of the contract	94,000,000
For LPE: Close of trading 3 business days prior to last trading day of the contract	94,000,000
Close of trading 3 business days prior to last trading day of the contract	94,000,000
Close of trading 3 business days prior to last trading day of the contract	70,500,000
Close of trading 3 business days prior to last trading day of the contract	94,000,000
Close of trading 3 business days prior to last trading day of the contract	30,000,000
Close of trading 3 business days prior to last trading day of the contract	117,500,000
For PPP: Close of trading 3 business days prior to last trading day of the contract  Effective as of the opening of trading on the first business day when a contract month becomes the first neart	117,500,000 400,000
For 1Y: Effective as of the opening of trading on the first business day when a contract month becomes the fir	16,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	480,000
For 12: Effective as of the opening of trading on the first business day when a contract month becomes the fir	20,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	300,000
For 2D: Effective as of the opening of trading on the first business day when a contract month becomes the fir	10,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	375,000
For 2E: Effective as of the opening of trading on the first business day when a contract month becomes the fir	12,500
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	200,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	240,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	80,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	100,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	200,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	250,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	75,000
a supplied to the supplied to	. =,===

Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 100.000 10.000 For 3X: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 300,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 160.000 160 000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 160,000 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 160,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 60.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 50,000 For 4X: Effective as of the opening of trading on the first business day when a contract month becomes the fir 16,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 400.000 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 40,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 50,000 For 5X: Effective as of the opening of trading on the first business day when a contract month becomes the fir 12,500 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 375.000 For 9X: Effective as of the opening of trading on the first business day when a contract month becomes the fir 480,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 480,000 For 9X: Effective as of the opening of trading on the first business day when a contract month becomes the fir 20,000 75.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 125,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 280,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 6,250 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 6,250 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 14,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 750 25,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 125,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 280.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 14.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 80,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 75,000 120,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For D7: Effective as of the opening of trading on the first business day when a contract month becomes the fir 120.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 160,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 160.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 1,250 300,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 280,000 160,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 600,000 For E4: Effective as of the opening of trading on the first business day when a contract month becomes the fir 600,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 160,000 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 8,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 200,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 10,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 292,500 For EJ: Effective as of the opening of trading on the first business day when a contract month becomes the first 292,500 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 425,000 For EM: Effective as of the opening of trading on the first business day when a contract month becomes the fi 425,000 For EM: Effective as of the opening of trading on the first business day when a contract month becomes the fi 425,000 425,000 For EM: Effective as of the opening of trading on the first business day when a contract month becomes the fi Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 75,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 240,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 12,500 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 250,000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearly 12.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 80.000 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 3,750 Effective as of the opening of trading on the first business day when a contract month becomes the first nearl 4.000

Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For FDM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For FTM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For I1: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For I2: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For I5: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For I6: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For I9: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For J1: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For J2: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For J4: Effective as of the opening of trading on the first business day when a contract month becomes the first For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir For JM: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For JP: Effective as of the opening of trading on the first business day when a contract month becomes the first For JP: Effective as of the opening of trading on the first business day when a contract month becomes the first For JP: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For KA: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KA: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KA: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KB: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KB: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KG: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KG: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KG: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KH: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For KH: Effective as of the opening of trading on the first business day when a contract month becomes the fir For KI: Effective as of the opening of trading on the first business day when a contract month becomes the firs Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KJ: Effective as of the opening of trading on the first business day when a contract month becomes the first For KJ: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KJ: Effective as of the opening of trading on the first business day when a contract month becomes the first For KK: Effective as of the opening of trading on the first business day when a contract month becomes the fir

100,000 5.000

100,000

4,000

200.000

200 000

200,000

300,000

200.000

200,000

200,000

280,000

487,500 425,000

22,500

20,000

200,000

200,000

200,000

240,000 240.000

250,000

250,000

80,000

80,000 75,000

75,000

160.000

160,000

560.000

560.000

850,000

850,000

850.000

850.000

850,000

850.000

850,000

850,000

585,000

585,000

585,000

585,000

300,000

160,000

160,000

160,000

160,000

146,250

146,250

146,250

60,000

60.000

60,000

60,000

97,500 97.500

97,500

195,000

195,000

160,000

160.000

160,000

160,000

195.000

Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For KK: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For L3: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For L6: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For MOD: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For MOR: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For MPD: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For MPR: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For N1: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For N3: Effective as of the opening of trading on the first business day when a contract month becomes the fir For NI: Effective as of the opening of trading on the first business day when a contract month becomes the first For NI: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For NI: Effective as of the opening of trading on the first business day when a contract month becomes the first For NI: Effective as of the opening of trading on the first business day when a contract month becomes the first Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For O1: Effective as of the opening of trading on the first business day when a contract month becomes the fir For OFM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For OPM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For PDM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For PTM: Effective as of the opening of trading on the first business day when a contract month becomes the Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For R7: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl For R8: Effective as of the opening of trading on the first business day when a contract month becomes the fir Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearly Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearl Effective as of the opening of trading on the first business day when a contract month becomes the first nearly For UM: Effective as of the opening of trading on the first business day when a contract month becomes the f For UM: Effective as of the opening of trading on the first business day when a contract month becomes the f For UM: Effective as of the opening of trading on the first business day when a contract month becomes the f

195,000 195.000

500,000

500,000

160.000

160 000

160,000

160,000

100,000

487,500

425,000

850,000

850,000

550,000 550,000

800,000

560,000

560.000

100.000

100.000

400,000 400.000

170.000

170,000

170,000

170,000

170,000

1,000 2,000

100,000

100,000 25,000

500,000

487,500

425.000

24.000

480,000 160,000

200.000

80.000

100,000

160,000

200,000

80,000

280,000

280,000

400,000

400,000 80,000

200,000

160,000

160,000

125,000

125,000

160,000

160,000 160.000

200,000

80,000

75,000

80,000

75.000

637,500

637,500

637.500

For UM: Effective as of the opening of trading on the first business day when a contract month becomes the f	637,500
For UM: Effective as of the opening of trading on the first business day when a contract month becomes the f	637,500
Effective as of the opening of trading on the first business day when a contract month becomes the first nearl	637,500
For UO: Effective as of the opening of trading on the first business day when a contract month becomes the fi	487,500
For UO: Effective as of the opening of trading on the first business day when a contract month becomes the fi	487,500
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	487,500
For VM: Effective as of the opening of trading on the first business day when a contract month becomes the fi	127,500
For VM: Effective as of the opening of trading on the first business day when a contract month becomes the fi	127,500
For VM: Effective as of the opening of trading on the first business day when a contract month becomes the fi	127,500
For VM: Effective as of the opening of trading on the first business day when a contract month becomes the fi Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	127,500 127,500
For VM: Effective as of the opening of trading on the first business day when a contract month becomes the fi	127,500
For VP: Effective as of the opening of trading on the first business day when a contract month becomes the fir	146,250
For VP: Effective as of the opening of trading on the first business day when a contract month becomes the fir	146,250
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	146,250
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	75,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	200,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	200,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	100,000
Effective as of the opening of trading on the first business day when a contract month becomes the first nearly	104,000
For 1A: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	50,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract	50,000
For 1N: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3	1,000,000/500,000
For 1N: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	1,000,000/2,000,000
For 1N: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading 3	1,000,000/5,000,000
For 1N: Close of trading 3 business days prior to last trading day of the contract and for DOO: Close of trading	1,000,000/4,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For 1N: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For 1N: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For 1Q: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3	10,500,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 1T: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	50,000/1,000,000 50,000
Close of trading 3 business days prior to last trading day of the contract	30,000
Close of trading 3 husiness days prior to last trading day of the contract	50,000
Close of trading 3 business days prior to last trading day of the contract  For 1W: Close of trading 3 business days prior to last trading day of the contract	50,000 50,000
For 1W: Close of trading 3 business days prior to last trading day of the contract	50,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	50,000 150,000
For 1W: Close of trading 3 business days prior to last trading day of the contract	50,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t	50,000 150,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 to 24: Close of trading 3 to 25:	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 l For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and f	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for Contract Close of trading 3 business days prior to last trading day of the contract and for Contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract and for Contract Close of trading 3 business days prior to last trading day of the contract and for Contract Close of trading 3 business days prior to last trading day of the contract and for Contract Close of trading 3 business days prior to last trading day of the contract and for Contract and for Contract and Con	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for Close of trading 3 the contract close of trading 3 the contract and for Close of trading 3 the contract close of trading 3 the contract and for Close of trading 3 the contract and f	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for CA: Close of trading 3 the contract a	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for 26: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for GX: Close of trading 3 the contract and for CA: Close of trading 3 the contract a	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 the For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 the For 27: Close of trading 3 business days prior to last trading day of th	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/500,000 42,000,000/500,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 tero 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 18 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 For 27: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 For 27: Close of trading 3	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 15 For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 For 27: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 For 27: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 Fo	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 theoron 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 theoron 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 theoron 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 theoron 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 theoron of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 theoron of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 theoron of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 theoron of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 business days prior to last trading day of the contract Close of tra	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/500,000 42,000,000/42,000,000 42,000,000/42,000,000 42,000,000/42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trad	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for B2: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 t For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 t For 27: Close of trading 3 business days prior to last trading day of the contract For 27: Close of trading 3 business days prio	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to some some some some some some some som	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 10,000 100,000 100,000 10,000 10,000 10,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to susiness days prior to last trading day of the contract and for 26: Close of trading 3 to 3: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 3: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 to 3: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 to 7: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 7: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to 7: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 to 7: Close of trading 3 business days prior to last trading day of the contract and for 7H: Close of trading 3 business days prior to last trading day of the contract	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 100,000 100,000 100,000 100,000 100,000 100,000 100,000
For 1W: Close of trading 3 business days prior to last trading day of the contract Close of trading 3 business days prior to last trading day of the contract For 23: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 to some some some some some some some som	50,000 150,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/2,000,000 42,000,000/1,000,000 42,000,000 42,000,000 42,000,000 42,000,000 50,000 50,000 42,000,000/42,000,000 42,000,000/3,000,000 42,000,000/3,000,000 42,000,000/500,000 42,000,000/500,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000/2,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 42,000,000 10,000 100,000 100,000 10,000 10,000 10,000

For 4C: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 l	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	100,000
For 4G: Close of trading 3 business days prior to last trading day of the contract	100,000
For 4U: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 Close of trading 3 business days prior to last trading day of the contract	42,000,000/42,000,000 42,000,000
For 4Y: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 k	10,500,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	10,500,000
For 5Y: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
For 5Y: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	100,000
For 7D: Close of trading 3 business days prior to last trading day of the contract	100,000
Close of trading 3 business days prior to last trading day of the contract	100,000
For 7H: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 For 7H: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	500,000/2,000,000
For 7H: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	500,000/2,000,000 500,000/2,000,000
For 7H: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	500,000/2,000,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For 7H: Close of trading 3 business days prior to last trading day of the contract	500,000
For 7H: Close of trading 3 business days prior to last trading day of the contract	500,000
For 7H: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	100,000
For 7L: Close of trading 3 business days prior to last trading day of the contract	100,000
For 70: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000 500,000
Close of trading 3 business days prior to last trading day of the contract  For 7P: Close of trading 3 business days prior to last trading day of the contract	500,000
For 8N: Close of trading 3 business days prior to last trading day of the contract and for MM: Close of trading 3	500,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For 8N: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For A5: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For A7: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 I	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For A9: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3 l Close of trading 3 business days prior to last trading day of the contract	42,000,000/42,000,000 42,000,000
For AF: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract.	42,000,000
For AF: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 l	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For AJ: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading day of the contract and	42,000,000/42,000,000
For AJ: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
For AJ: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 b	42,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For AW: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	42,000,000/3,000,000
For AW: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3 Close of trading 3 business days prior to last trading day of the contract	42,000,000/42,000,000 42,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For BG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract  For BH: Close of trading 3 business days prior to last trading day of the contract	42,000,000 42,000,000
For BH: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For CBO: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	42,000,000/3,000,000
For CBO: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 5	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For CRG: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	42,000,000/3,000,000
For CRG: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For EFM: Close of trading 3 business days prior to last trading day of the contract and for UF: Close of trading Close of trading 3 business days prior to last trading day of the contract	
	150,000/150,000
	150,000
For EFM: Close of trading 3 business days prior to last trading day of the contract  For EFM: Close of trading 3 business days prior to last trading day of the contract  For EFM: Close of trading 3 business days prior to last trading day of the contract	

For FBD: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading :	50,000/1 ,000,000
Close of trading 3 business days prior to last trading day of the contract	50,000
For GCM: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading	2,000,000/3,000,000
For GCM: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading	2,000,000/42,000,000
For GCM: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading	2,000,000/42,000,000
For GCM: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading	2,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	2,000,000
For GCM: Close of trading 3 business days prior to last trading day of the contract	2,000,000
For GE: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 l	42,000,000/42,000,000
For GE: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 l	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For GE: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For GFS: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	150,000/2,000,000
For GFS: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For GFS: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For GFS: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For GP: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3	42,000,000/42,000,000
For GP: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	42,000,000/3,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For GS: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l	42,000,000/3,000,000
For GS: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 l	42,000,000/3,000,000
For GS: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3 l	42,000,000/42,000,000
For GS: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3 l	42,000,000/42,000,000
For GS: Close of trading 3 business days prior to last trading day of the contract and for GP: Close of trading 3	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	4,200,000
For GT: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	500,000/1,000,000
For GT: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	500,000/1,000,000
For GT: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	500,000/1,000,000
For GT: Close of trading 3 business days prior to last trading day of the contract and for TY: Close of trading 3 l	500,000/150,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For GT: Close of trading 3 business days prior to last trading day of the contract	500,000
For GX: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	1,000,000/2,000,000
For GX: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	1,000,000/2,000,000
For GX: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For GX: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For GX: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For GX: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For H1: Close of trading 3 business days prior to last trading day of the contract and for MF: Close of trading 3	300,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract	300,000
For H1: Close of trading 3 business days prior to last trading day of the contract	300,000
For HO: Close of trading 3 business days prior to last trading day of the contract and for CL: Close of trading 3	42,000,000/3,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For HO: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For JA: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3 t	500,000/2,000,000
For JA: Close of trading 3 business days prior to last trading day of the contract and for UN: Close of trading 3	500,000/150,000
For JA: Close of trading 3 business days prior to last trading day of the contract	500,000
For JA: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For JA: Close of trading 3 business days prior to last trading day of the contract	500,000
For JA: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	126,000,000
For KS: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading 3	500,000/5,000,000
For KS: Close of trading 3 business days prior to last trading day of the contract and for DOO: Close of trading	500,000/4,000,000
For KS: Close of trading 3 business days prior to last trading day of the contract and for SG: Close of trading 3 l	500,000/1,000,000
For KS: Close of trading 3 business days prior to last trading day of the contract and for SG: Close of trading 3 l	500,000/1,000,000
For KS: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For KS: Close of trading 3 business days prior to last trading day of the contract	500,000
For LL: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 b	42,000,000/42,000,000

Close of trading 3 business days prior to last trading day of the contract	42,000,000
For LX: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For LY: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
For LY: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3 t	42,000,000/42,000,000
For LY: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3 t	42,000,000/3,000,000
For LY: Close of trading 3 business days prior to last trading day of the contract and for GE: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For MF: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	1,000,000/3,000,000
For MF: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	1,000,000/3,000,000
For MF: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	1,000,000/2,000,000
For MF: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	1,000,000/150,000
For MF: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	1,000,000/150,000
For MF: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For MF: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For MH: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	1,000,000/3,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for 26: Close of trading 3	1,000,000/3,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for MF: Close of trading	1,000,000/1,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for MF: Close of trading	1,000,000/1,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for UF: Close of trading 3	1,000,000/150,000
For MM: Close of trading 3 business days prior to last trading day of the contract and for UF: Close of trading 3	1,000,000/150,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For MM: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For MQ: Close of trading 3 business days prior to last trading day of the contract and for 23: Close of trading 3	42,000,000/42,000,000
For PS: Close of trading 3 business days prior to last trading day of the contract	50,000/150,000
For RB: Close of trading 3 business days prior to last trading day of the contract and for CL: Close of trading 3 l	42,000,000/3,000,000
For RB: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RB: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RB: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RB: Close of trading 3 business days prior to last trading day of the contract	42,000,000 42,000,000
For RB: Close of trading 3 business days prior to last trading day of the contract  Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RBF: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	50,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract	50,000
Close of trading 3 business days prior to last trading day of the contract	150,000,000
Close of trading 3 business days prior to last trading day of the contract	500,000,000
Close of trading 3 business days prior to last trading day of the contract	150,000,000
Close of trading 3 business days prior to last trading day of the contract	500,000,000
Close of trading 3 business days prior to last trading day of the contract	150,000,000
For RT: Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RT: Close of trading 3 business days prior to last trading day of the contract	42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For RY: Close of trading 3 business days prior to last trading day of the contract and for 27: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract	42,000,000
For SE: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading 3 l	150,000/5,000,000
For SE: Close of trading 3 business days prior to last trading day of the contract	150,000
For SE: Close of trading 3 business days prior to last trading day of the contract	150,000
For SE: Close of trading 3 business days prior to last trading day of the contract	150,000
For SE: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For SE: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	150,000/150,000
For SE: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	150,000/150,000
For SG: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	1,000,000/1,000,000
For SG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For SG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000
For SG: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For SP: Close of trading 3 business days prior to last trading day of the contract  Close of trading 3 business days prior to last trading day of the contract	500,000 500,000
For STF: Close of trading 3 business days prior to last trading day of the contract and for SG: Close of trading 3	1,000,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract	1,000,000/1,000,000
For STF: Close of trading 3 business days prior to last trading day of the contract	1,000,000
For TW: Close of trading 3 business days prior to last trading day of the contract  For TW: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	150,000/2,000,000
For TW: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
and the second of the second o	,, -,0,000

	/
For TW: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For TW: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For TW: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For TW: Close of trading 3 business days prior to last trading day of the contract  Close of trading 3 business days prior to last trading day of the contract	150,000 150,000
For TY: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For TY: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For TY: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For TY: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	500,000/2,000,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	500,000/2,000,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading 3	500,000/5,000,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for DC: Close of trading 3	500,000/5,000,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for SE: Close of trading 3	500,000/150,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for SE: Close of trading 3	500,000/150,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	500,000/150,000
For UA: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	500,000/150,000
For UA: Close of trading 3 business days prior to last trading day of the contract	500,000
For UA: Close of trading 3 business days prior to last trading day of the contract	500,000
For UA: Close of trading 3 business days prior to last trading day of the contract	500,000
For UA: Close of trading 3 business days prior to last trading day of the contract	500,000
Close of trading 3 business days prior to last trading day of the contract	500,000
For UF: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	150,000/2,000,000
For UF: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3 l	150,000/2,000,000
For UF: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	150,000/150,000
For UF: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3	150,000/150,000
For UF: Close of trading 3 business days prior to last trading day of the contract	150,000
For UF: Close of trading 3 business days prior to last trading day of the contract	150,000
For UF: Close of trading 3 business days prior to last trading day of the contract	150,000
For UF: Close of trading 3 business days prior to last trading day of the contract	150,000
For UF: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For UH: Close of trading 3 business days prior to last trading day of the contract and for UF: Close of trading 3	150,000/150,000
For UH: Close of trading 3 business days prior to last trading day of the contract and for UF: Close of trading 3	150,000/150,000
For UH: Close of trading 3 business days prior to last trading day of the contract	150,000
For UH: Close of trading 3 business days prior to last trading day of the contract	150,000
For UH: Close of trading 3 business days prior to last trading day of the contract	150,000
For UH: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract  For UI: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3 t	150,000
For UI: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3 t	150,000/2,000,000 150,000/2,000,000
For UI: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3 l	150,000/150,000
For UI: Close of trading 3 business days prior to last trading day of the contract and for UV: Close of trading 3 I	150,000/150,000
For UI: Close of trading 3 business days prior to last trading day of the contract	150,000
For UI: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For UJ: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For UJ: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For UJ: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3 l	150,000/1,000,000
For UJ: Close of trading 3 business days prior to last trading day of the contract	150,000
For UJ: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For UN: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	150,000/2,000,000
For UN: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	150,000/2,000,000
For UN: Close of trading 3 business days prior to last trading day of the contract and for BB: Close of trading 3	150,000/2,000,000
For UN: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	150,000/2,000,000
For UN: Close of trading 3 business days prior to last trading day of the contract and for BZ: Close of trading 3	150,000/2,000,000
For UN: Close of trading 3 business days prior to last trading day of the contract	150,000
For UN: Close of trading 3 business days prior to last trading day of the contract	150,000
For UN: Close of trading 3 business days prior to last trading day of the contract	150,000
For UN: Close of trading 3 business days prior to last trading day of the contract	150,000
For UN: Close of trading 3 business days prior to last trading day of the contract	150,000
Close of trading 3 business days prior to last trading day of the contract	150,000
For UR: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For UR: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000
For UR: Close of trading 3 business days prior to last trading day of the contract and for GX: Close of trading 3	150,000/1,000,000

Close of trading 3 business days prior to last trading day of the contract	and the set	150,000
For UR: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co	•	150,000/2,000,000
For UV: Close of trading 3 business days prior to last trading day of the co	· ·	150,000/2,000,000
For UV: Close of trading 3 business days prior to last trading day of the co	•	150,000/2,000,000
For UV: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co		150,000
For UV: Close of trading 3 business days prior to last trading day of the co	ontract	150,000
Close of trading 3 business days prior to last trading day of the contract		150,000
For VO: Close of trading 3 business days prior to last trading day of the co	intract and for 1N: Close of trading 3	1,000,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract		1,000,000
For V0: Close of trading 3 business days prior to last trading day of the co		1,000,000
For VL: Close of trading 3 business days prior to last trading day of the co	•	150,000/2,000,000
For VL: Close of trading 3 business days prior to last trading day of the co	•	150,000/1,000,000
For VL: Close of trading 3 business days prior to last trading day of the co	•	150,000/1,000,000
For VL: Close of trading 3 business days prior to last trading day of the co	•	150,000/1,000,000
For VL: Close of trading 3 business days prior to last trading day of the co	ntract	150,000
Close of trading 3 business days prior to last trading day of the contract		150,000
Close of trading 3 business days prior to last trading day of the contract		500,000
For WR: Close of trading 3 business days prior to last trading day of the c	ontract and for GX: Close of trading 3	150,000/1,000,000
Close of trading 3 business days prior to last trading day of the contract		150,000
Close of trading 3 business days prior to last trading day of the contract		1,000,000
For XO: Close of trading 3 business days prior to last trading day of the co		1,000,000
For Y3: Close of trading 3 business days prior to last trading day of the co	ntract and for MF: Close of trading 3	300,000/1,000,000
For Y3: Close of trading 3 business days prior to last trading day of the co	ntract	300,000
Close of trading 3 business days prior to last trading day of the contract		300,000
For Y4: Close of trading 3 business days prior to last trading day of the co	•	300,000/1,000,000
For Y4: Close of trading 3 business days prior to last trading day of the co	ntract	300,000
Close of trading 3 business days prior to last trading day of the contract		300,000
For YF: Close of trading 3 business days prior to last trading day of the co	ntract and for 23: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract		42,000,000
For YS: Close of trading 3 business days prior to last trading day of the co	ntract and for 23: Close of trading 3 t	42,000,000/42,000,000
Close of trading 3 business days prior to last trading day of the contract		42,000,000
For Z4: Close of trading 3 business days prior to last trading day of the co	ntract and for GX: Close of trading 3 I	500,000/1,000,000
For Z4: Close of trading 3 business days prior to last trading day of the co	ntract and for GX: Close of trading 3 l	500,000/1,000,000
For Z4: Close of trading 3 business days prior to last trading day of the co	ntract	500,000
Close of trading 3 business days prior to last trading day of the contract		500,000
For Z6: Close of trading 3 business days prior to last trading day of the co	ntract and for GX: Close of trading 3 l	500,000/1,000,000
For Z6: Close of trading 3 business days prior to last trading day of the co	ntract and for GX: Close of trading 3 l	500,000/1,000,000
For Z6: Close of trading 3 business days prior to last trading day of the co	ntract and for GX: Close of trading 3 l	500,000/1,000,000
For Z6: Close of trading 3 business days prior to last trading day of the co	ntract and for TY: Close of trading 3 k	500,000/150,000
For Z6: Close of trading 3 business days prior to last trading day of the co	ntract	500,000
Close of trading 3 business days prior to last trading day of the contract		500,000
Close of trading 3 business days prior to last trading day of the contract		1,000,000
Close of trading 3 business days prior to last trading day of the contract		18,750,000
Close of trading 3 business days prior to last trading day of the contract		15,000,000
Close of trading 3 business days prior to last trading day of the contract		112,000,000

		Single M	onth		
	Single Month Aggregate Into Futures Equivalent Leg (2)	Single Month Aggregate Into Ratio Leg (1)	Single Month Aggregate Into Ratio Leg (2)	Single Month Accountability Level Leg (1) / Leg (2)	Single Month Limi (In Net Futures Equivalents) Leg (1) / Leg (2)
ACL				5,000	
ACR		1 ALW : 1 ACR		5,000	
ACR				5,000	
MCC		1 MC6 : 1 MCC		4,500	
MCC		1111001111100		4,500	
MFF				5,000	
MFF		1 MFO : 1 MFF		5,000	
MFF		1 RLA : 1 MFF		5,000	
MFF		1 RQA : 1 MFF		5,000	
MTF		1 CLA : 1 MTF		7,000	
MTF		1 CQA : 1 MTF		7,000	
MTF		100/1.11111		7,000	
MTF		1 MTO : 1 MTF		7,000	
NCL		11110.111111		5,000	
QL		1 C1 : 1 QL		5,000	
QL		101.101		5,000	
QL		1 6K : 1 QL		5,000	
QL		1 6M : 1 QL		5,000	
QP QP		I OWI . I QL		5,000	
QP QP		1 PDE : 1 OD		5,000	
QX		1 RPF : 1 QP			
		1 CPF : 1 QX		5,000	
QX				5,000	
SSI	D.7	1.01/.1.26	1 0// 1 07	1,500	
26	BZ	1 BV : 1 26	1 BV : -1 BZ	10,000/20,000	
26	BZ	1 BK : 1 26	1 BK : -1 BZ	10,000/20,000	
26	BZ	1 BY : 1 26	1 BY : -1 BZ	10,000/20,000	
26		4.42 . 4.26		10,000	
26		1 42 : 1 26		10,000	
26		1 6E : 1 26		10,000	
26		1 6F : 1 26		10,000	
26		1 AO : 1 26		10,000	
26		1 CD : 1 26		10,000	
26		1 CS : 1 26		10,000	
26		1 DCL : 1 26		10,000	
26	26	1 DNM : 1 26		10,000	
26	26	1 DTM : 1 26		10,000	
29	V7	1 36 : 1 29	1 36 : -1 V7	20,000/15,000	
29	V7	1 38 : 1 29	1 38 : -1 V7	20,000/15,000	
29				20,000	
29		1 37 : 1 29		20,000	
A4	V7	1 E5 : 1 A4	1 E5 : -1 V7	15,000/15,000	
A4				15,000	
AY	26	1 FH : 1 AY	1 FH : -1 26	20,000/10,000	
AY				20,000	
BB	BB	1 9B : 1 BB		20,000	
BB	BB	1 9C : 1 BB		20,000	
BB	BB	1 9D : 1 BB		20,000	
BB	BB	1 9L : 1 BB		20,000	
BB	BB	1 9Y : 1 BB		20,000	
BB	BB	1 AA : 1 BB		20,000	
BB	BB	1 AB : 1 BB		20,000	
BB	BB	1 AC: 1 BB		20,000	
BB	BB	1 AM: 1 BB		20,000	
BB	BB	1 AZ : 1 BB		20,000	
BB	DC	1 DB: 1 BB	1 DB:-1 DC	20,000/10,000	
BB				20,000	
BB		1000 MBZ : 1 BB		20,000	
BB		1 ODB: 1 BB		20,000	
BZ	D00	1 BSG : 1 BZ	1 BSG : -1 DOO	20,000/20,000	
BZ	D00	1 DBO : 1 BZ	1 DBO : -1 DOO	20,000/20,000	

BZ		1 BA: 1 BZ		20,000
BZ		1 BE : 1 BZ		20,000
BZ		1 BPC : 1 BZ		20,000
BZ		1 BQP : 1 BZ		20,000
BZ		1 CV - 1 D7		20,000
BZ		1 CY : 1 BZ		20,000
BZ BZ		1 IBE : 1 BZ 1 IBS : 1 BZ		20,000
BZ BZ		1 J9 : 1 BZ		20,000 20,000
BZ		1 OS : 1 BZ		20,000
C01-C31		103.162		10,000
CFA				5,000
CFB				5,000
CFC				5,000
CL	CL	1 WA : 1 CL		10,000
CL	CL	1 WB : 1 CL		10,000
CL	CL	1 WC : 1 CL		10,000
CL	CL	1 WM : 1 CL		10,000
CL	CL	1 WZ : 1 CL		10,000
CL				10,000
CL		1 LO : 1 CL		10,000
CSN				10,000
CVF				20,000
CVF		1 CVP : 1 CVF		20,000
DC		1 AH : 1 DC		10,000
DC		1 BI : 1 DC		10,000
DC				10,000
DOO	DC	1 DPO : 1 DOO	1 DPO : -1 DC	20,000/10,000
D00		1 DOA : 1 DOO		20,000
D00		1 DOB : 1 DOO		20,000
D00				20,000
MB	2.5	4.07. 4.40	4307 436	20,000
MO	26	1 YV : 1 MO	1 YV : -1 26	20,000/10,000
MO MX	26	1 VV . 1 MAV	1 YX : -1 26	20,000
MX	20	1 YX : 1 MX	1 171 20	20,000/10,000 20,000
NBZ		1 BDA : 1 NBZ		20,000
NBZ		1 BDC : 1 NBZ		20,000
NBZ		1 BDE : 1 NBZ		20,000
NBZ		1 BDO : 1 NBZ		20,000
NBZ				20,000
R2				7,000
RE				10,000
SG	DOO	1 DZB : 1 SG	1 DZB : -1 DOO	5,000/20,000
UB	1C	1 1C: 1 UB	1 1C : -1 1C	5,000/5,000
UB	59	1 59 : 1 UB	1 59 : -1 59	5,000/5,000
UB	6W	1 6W:1 UB	1 6W : -1 6W	5,000/5,000
UB	BB	1 FE : 1 UB	1 FE : -1 BB	5,000/20,000
UB	BB	1 FY: 1 UB	1 FY:-1 BB	5,000/20,000
UB		1 7G : 1 UB		5,000
UB		1 DBB : 1 UB		5,000
UB		1 DBP : 1 UB		5,000
UB				5,000
V7		1 39 : 1 V7		15,000
V7				15,000
WCC		1 MCL - 1 MCC		10,000
WCC WCE		1 WCI : 1 WCC		10,000 10,000
WCE		1 WCO : 1 WCE		10,000
WS	WS	1 7A : 1 WS		20,000
WS	WS	1 7A . 1 WS 1 7B : 1 WS		20,000
WS	WS	176:1WS		20,000
WS	WS	1 7M : 1 WS		20,000
WS	WS	1 7Z : 1 WS		20,000
WS		1 LC : 1 WS		20,000
WS		1000 MCL : 1 WS		20,000
WS		2 QM : 1 WS		20,000
				•

WS				20,000
XA	26	1 WJ : 1 XA	1 WJ:-1 26	20,000/10,000
XA				20,000
XB	26	1 FF : 1 XB	1 FF : -1 26	20,000/10,000
ХВ				20,000
6S		1 6P:1 6S		20,000
6S		10100		20,000
6S		1 9E : 1 6S		20,000
6S		1 VA : 1 6S		20,000
6S		1 VA : 1 65		20,000
		1 VG . 1 63		
6T		4 611 4 67		50,000
6T		1 6U : 1 6T		50,000
6T		1 9G : 1 6T		50,000
6T		1 AV : 1 6T		50,000
6T		1 RC : 1 6T		50,000
CCA		1 CAO : 1 CCA		6,400
CCA				6,400
CPL		1 CPE : 1 CPL		20,000
CPL				20,000
CPL		1 PCL : 1 CPL		20,000
CR		1 92 : 1 CR		500
CR		1 93 : 1 CR		500
CR		1 94 : 1 CR		500
CR		195:1CR		500
CR		1 CO : 1 CR		500
		1 CO . 1 CK		500
CR				
EUL				1,800
FLY				6,000
REU		1 ERO : 1 REU		8,000
REU				8,000
REU		1 RUE : 1 REU		8,000
RJ		1 76 : 1 RJ		5000
RJ		1 86 : 1 RJ		5000
RJ		1 96 : 1 RJ		5000
RJ		1 98 : 1 RJ		10,000
RJ		1 OR : 1 RJ		10,000
RJ				10,000
2M				500
CU				
CU		1 CVR : 1 CU		7,000 7,000
		TCVR.TC0		
EZ		4.000 4.57		7,000
EZ		1 NVP : 1 EZ		7,000
WE				500
YE				500
Z1				500
V2				12,000
CFU				10,000
CFU		4 CSF : 1 CFU		10,000
CFU		1 M0 : 1 CFU		10,000
FRS				5,000
HFT		4 H0: 1 HFT		5,000
HFT				5,000
HFT		1 Q0 : 1 HFT		5,000
PFU		4 F0 : 1 PFU		10,000
PFU		1 NO : 1 PFU		10,000
PFU		110.1710		10,000
		4.00 - 1.057		
SFT		4 G0 : 1 SFT		7,500
SFT		1 P0 : 1 SFT		7,500
SFT				7,500
TC6				600
TH		1 TCF : 1 TH		10,000
TH				10,000
TI				10,000
TJ				5,000
TK				10,000
TL		1 TDT : 1 TL		10,000
TL				10,000
_				-,

TM		1 TCW : 1 TM		5,000	
TM				5,000	
6Q		1 QI : 2.5 6Q		3,000	
6Q				3,000	
AUP				20,000	
BUS				68,000	
FSF GB				40,000	
GB		1 GBC : 1 GB			
GC		1 000 . 1 00		6,000	
GC		1 L01-L31 : 1 GC		6,000	
GC		10 MGC : 1 GC		6,000	
GC		1 OG : 1 GC		6,000	
GVF				12,000	
GVF		1 GVP : 1 GVF		12,000	
HG				5,000	
HG		1 HX : 1 HG		5,000	
HGS		1 CAP : 1 HGS		5,000	
HGS				5,000	
HR		4.1100 . 4.110		10,000	
HR LSF		1 HRO : 1 HR		10,000	
NSF				30,000	
PA				1,000	
PA		1 PAO : 1 PA		1,000	
PIO		1 ICP : 1 PIO		12,500	
PIO		2 ICT : 1 PIO		12,500	
PIO				12,500	
PIO		2 TIO : 1 PIO		12,500	
PL				1,500	
PL		1 PO : 1 PL		1,500	
QC				5,000	
QO				10,000	
RBR SI				50,000	
SI		1 SO : 1 SI		6,000 6,000	
SSF		130.13		15,000	
UX				3,500	
5Z				5,000	
6Z				2,000	
8A				2,000	
8B				2,500	
8E				5,000	
8F				5,000	
8X				2,500	
8Z		4.6014.4.04		2,500	
9A		1 SGW : 1 9A		5,000	
9A 9F				5,000 5,000	
A1	CFS	1 Q1 : 1 A1	1 Q1 : -1 CFS	1,500/10,000	
A1	CIS	101.171	101. 1013	1,500	
B4				10,000	
C6	TA	1 N8 : 1 C6	1 N8 : -1 TA	250/10,000	
C6				250	
C8	B4	1 N7:1 C8	1 N7 : -1 B4	2,500/10,000	
C8				2,500	
CFS				10,000	
CFS		1 TC : 1 CFS		10,000	
CFS		1 5D : 1 CFS		10,000	
CI C7				10,000	
CZ				10,000	
DSF DSF		1 PG : 1 DSF		10,000 10,000	
DT	PE	1 DI : 1 DT	1 DI : -1 PE	10,000/10,000	
DT	FL	101.101	IDIIFL	10,000/10,000	
DW				10,000	
E2				2,500	
•				•	

FP				10,000
GL HH		4 4D : 1 HH		10,000
пп НН		1 E7 : 1 HH		12,000 12,000
HH		117.11111		12,000
НН		1 KD : 1 HH		12,000
НН		4 NN : 1 HH		12,000
НН		4 6I : 1 HH		12,000
НН		4 6J : 1 HH		12,000
HHS		1 HB: 1 HHS		10,000
HHS		1 5E : 1 HHS		10,000
HHS				10,000
HP	НР	1 G4 : 1 HP		12,000
HP	HP	1 G2 : 1 HP		12,000
HP	HP	1 G3 : 1 HP		12,000
HP HP	HP HP	1 G5 : 1 HP 1 G6 : 1 HP		12,000 12,000
HP	НР	1 G7 : 1 HP		12,000
HP	***	107.1111		12,000
HP		1 LN : 1 HP		12,000
HP		4 NP : 1 HP		12,000
HP		4 QG : 1 HP		12,000
J3	TR	1 B2:1 J3	1 B2 : -1 TR	2,500/10,000
J3				2,500
J6	GL	1 S9 : 1 J6	1 S9 : -1 GL	2,500/10,000
J6				2,500
J7	ТВ	1 S7 : 1 J7	1 S7 : -1 TB	750/10,000
J7		4.00.410	100 150	750
J8	FP	1 Q9 : 1 J8	1 Q9 : -1 FP	2,500/10,000
ло Кб	ND	1 M6 : 1 K6	1 M6 : -1 ND	2,500 2,500/10,000
K6	ND	I WIO . I NO	I IVIOI IVD	2,500/10,000
K7	NU	1 M7 : 1 K7	1 M7 : -1 NU	500/10,000
K7				500
К8	SZ	1 M8 : 1 K8	1 M8 : -1 SZ	5,000/10,000
К8				5,000
К9	TE	1 M9 : 1 K9	1 M9 : -1 TE	2,500/10,000
К9				2,500
LAI		1 JKM : 1 LAI		10,000
LAI				10,000
M3	8X	1 C7 : 1 M3	1 C7 : -1 8X	500/2,500
M3	07	4.00 .4.14	4.60 . 4.07	500
M4 M4	8Z	1 C9 : 1 M4	1 C9 : -1 8Z	500/2,500 500
MFS				10,000
MFS		1 NF : 1 MFS		10,000
MFS		1 4W : 1 MFS		10,000
NB				10,000
NB		1 PY: 1 NB		10,000
ND				10,000
NE				10,000
NFS				10,000
NFS		1 NL : 1 NFS		10,000
NFS		1 5G : 1 NFS		10,000
NG	NG	1 IA : 1 NG		6,000
NG	NG	1 IB : 1 NG		6,000
NG NG	NG NG	1 IC : 1 NG		6,000 6,000
NG	NG NG	1 IE : 1 NG 1 IM : 1 NG		6,000
NG	NG	1 IZ : 1 NG		6,000
NG	140	1 HHQ : 1 NG		6,000
NG		4 MNG : 1 NG		6,000
NG				6,000
NG		1 ON : 1 NG		6,000
NK				10,000
NM				10,000
NQ				10,000

NR		1 ZR : 1 NR		10,000
NS				10,000
NS		1 ZN : 1 NS		10,000
NS		1 5M : 1 NS		10,000
NU NV				10,000
NX NX				10,000 10,000
NX		1 EN - 1 NV		
NZ NZ		1 5N : 1 NX		10,000 10,000
NZ NZ		1 TZ : 1 NZ		10,000
OW	DW	1 IO : 1 OW	1 IO : -1 DW	10,000/10,000
OW	DVV	110.10W	1101 DW	10,000
OX	PD	1 OI : 1 OX	1 OI : -1 PD	10,000/10,000
OX		20112011	101.5	10,000
PB				10,000
PC		1 CW : 1 PC		10,000
PC				10,000
PD				10,000
PD		15H:1PD		10,000
PE				10,000
PF				10,000
PFS				10,000
PFS		1 PM : 1 PFS		10,000
PPM		1 PPB: 1 PPM		150
PPM		1 PPD: 1 PPM		150
PPM		1 PPE: 1 PPM		150
PPM				150
PW				10,000
PX	NFS	1 IW: 1 PX	1 IW : -1 NFS	10,000/10,000
PX				10,000
Q7	T5	1 N6 : 1 Q7	1 N6 : -1 T5	2,500/10,000
Q7				2,500
SF	NS	1 IF : 1 SF	1 IF : -1 NS	10,000/10,000
SF	205	4 111 4 611	4.11. 4.005	10,000
SH	DSF	1 IH : 1 SH	1 IH : -1 DSF	10,000/10,000
SH SJ	VV	111.101	1 II . 1 VV	10,000
S) S)	XX	1 IJ : 1 SJ	1 IJ : -1 XX	10,000/10,000
SJ		1 PJ : 1 SJ		10,000
SK	PC	1 IK : 1 SK	1 IK : -1 PC	10,000 10,000/10,000
SK	r C	1 IK . 1 3K	TIKTFC	10,000
SL	PFS	1 IL : 1 SL	1 IL : -1 PFS	10,000/10,000
SL	113	112.132	112. 1113	10,000
SM	XJ	1 IP : 1 SM	1 IP : -1 XJ	10,000/10,000
SM		1 PK : 1 SM		10,000
SM				10,000
SN	HHS	1 IN: 1 SN	1 IN : -1 HHS	10,000/10,000
SN				10,000
SQ	NE	1 IQ: 1 SQ	1 IQ : -1 NE	10,000/10,000
SQ				10,000
SR	XR	1 IR: 1 SR	1 IR : -1 XR	10,000/10,000
SR				10,000
SS	NB	1 IS: 1 SS	1 IS: -1 NB	10,000/10,000
SS				10,000
ST	NZ	1 IT : 1 ST	1 IT : -1 NZ	10,000/10,000
ST				10,000
SU	NK	1 IU : 1 SU	1 IU : -1 NK	10,000/10,000
SU				10,000
SV	XH	1 IV : 1 SV	1 IV : -1 XH	10,000/10,000
SV		1 PU : 1 SV		10,000
SV	***	ينضيه مدام	4 154 4 - 111	10,000
SX	NX	1 IX : 1 SX	1 IX : -1 NX	10,000/10,000
SX	MEC	4.17.4.67	1 14 . 4 14/50	10,000
SY	WFS	1 IY : 1 SY	1 IY : -1 WFS	10,000/10,000
SY SZ				10,000
52 T2	TX	1 Q2 : 1 T2	1 Q2 : -1 TX	10,000 500/10,000
14	1/4	1 UZ . 1 12	I QZI IA	300/10,000

T2				500
T4	NQ	1 Q4 : 1 T4	1 Q4 : -1 NQ	750/10,000
T4				750
T5				10,000
T6	CZ	1 Y6 : 1 T6	1 Y6 : -1 CZ	2,000/10,000
Т6				2,000
T7	NM	1 Y7:1 T7	1 Y7 : -1 NM	1,500/10,000
T7				1,500
Т8	MFS	1 Y8:1 T8	1 Y8 : -1 MFS	1,000/10,000
Т8				1,000
Т9	9A	1 N5 : 1 T9	1 N5 : -1 9A	2,500/5,000
Т9				2,500
TA				10,000
TB				10,000
TE				10,000
TR				10,000
TX				10,000
TZ5				2,000
TZ6				10,000
TZS	TZ6	1 TZI : 1 TZS	1 TZI : -1 TZ6	2,000/10,000
TZS				500
U01-U31				12,000
U8	CI	1 Z8 : 1 U8	1 Z8 : -1 CI	200/10,000
U8				200
VS	PF	1 VI : 1 VS	1 VI : -1 PF	10,000/10,000
VS				10,000
VX	PW	1 II: 1 VX	1 II : -1 PW	10,000/10,000
VX				10,000
W5	6Z	1 L4 : 1 W5	1 L4 : -1 6Z	2,500/2,000
W5				2,500
W9	PB	1 V8 : 1 W9	1 V8 : -1 PB	1,000/10,000
W9				1,000
WFS		1 NW : 1 WFS		10,000
WFS		1 50 : 1 WFS		10,000
WFS				10,000
X2	5Z	1 L2 : 1 X2	1 L2 : -1 5Z	4,500/5,000
X2				4,500
Х3	8F	1 L7 : 1 X3	1 L7 : -1 8F	2,500/5,000
Х3				2,500
X4	8E	1 C4 : 1 X4	1 C4 : -1 8E	500/5,000
X4				500
X5	8A	1 C3 : 1 X5	1 C3 : -1 8A	500/2,000
X5				500
X8	8B	1 C2:1 X8	1 C2 : -1 8B	2,500/2,500
X8				2,500
XH		1 PH: 1 XH		10,000
XH		1 5K : 1 XH		10,000
XH				10,000
XJ		1 NH: 1 XJ		10,000
XJ		1 5F : 1 XJ		10,000
XJ				10,000
XN				10,000
XR		1 NR: 1 XR		10,000
XR		1 5I : 1 XR		10,000
XR				10,000
XX		1 NJ: 1 XX		10,000
XX				10,000
Y9	9F	1 N4 : 1 Y9	1 N4 : -1 9F	1,500/5,000
Y9				1,500
1R				1,000
1R		1 1S:11R		1,000
3L				750
3M				750
3N				750
3P				750
3Q				750
3R				750

7E	PS	1 91 : 1 7E	1 91 : -1 PS	1,250/300	
7E		1 22 : 1 7E		1,250	
7E		10 MAE : 1 7E		1,250	
7E		10 141/12 . 1 / 2		1,250	
7Q		1 C5D : 1 7Q		1,500	
7Q 7Q		1 4I : 1 7Q		1,500	
7Q		1 R0 : 1 7Q		1,500	
7Q				1,500	
81				1,500	
8K		1 CPB: 18K		1,500	
8K		1 CPR : 1 8K		1,500	
8K				1,500	
8L		1 CGB : 1 8L		1,500	
8L				1,500	
8M		1 CBB: 18M		1,500	
8M				1,500	
9N		10 MAS: 1 9N		1,000	
9N				1,000	
В0	7E	131:1B0	1 31 : -1 7E	1,500/1,250	
В0	PS	151:12.4B0	151:-1 PS	1,500/300	
В0				1,500	
В0		1 C3D : 1 B0		1,500	
В0		1 4H : 1 BO		1,500	
В0		10 81 : 1 B0		1,500	
В0		180:1B0		1,500	
CO		100.100		1,500	
CO		1 4J : 1 CO		1,500	
CO		1 8C : 1 CO		1,500	
CPP		4.045, 4.50		750	
D0		1 C4D : 1 D0		1,500	
D0				1,500	
D0		1 4K : 1 D0		1,500	
D0		1 8J : 1 D0		1,500	
GFS	VL	1 GFN : 1 GFS	1 GFN : -1 VL	500/500	
GT	GFS	1 ENF : 1 GT	1 ENF : -1 GFS	5,000/500	
MBE				4,000	
MBL				1,500	
MBN		1 MBB : 1 MBN		4,000	
MBN				4,000	
MNB				1,500	
PS		1 32 : 1 PS		300	
PS				300	
TY	GX	10 MUL: 1 TY	10 MUL : -1 GX	500/7,000	
HPE		1 HPD : 1 HPE		10,000	
HPE				10,000	
LPE		1 LEL : 1 LPE		10,000	
LPE		1 121 1 1 1 1		10,000	
P1				7,000	
P6				10,000	
PGP				3,000	
PPP				12,000	
		4 0014/ 4 000			
PPP		1 PPW : 1 PPP		12,000	
1Y				25,000	
1Y		1 2F : 1 1Y		1,000	
1Z				30,000	
1Z		1 2H : 1 1Z		1,200	
2D				200,000	
2D		1 2J : 1 2D		10,000	
<b>2</b> E				250,000	
2E		1 2K : 1 2E		12,000	
2N				1,500	
2P				1,500	
2Q				500	
				500	
2Q				500 600	
2Q 2R 2W				500 600 20,000	
2Q 2R				500 600	

3D 10,000 3X 122:13X 20,000 3X 20,000 46 88,000 47 7,000 41 10,000 41 10,000 42 10,000 43 10,000 44 10,000 44 10,000 45 10,000 46 10,000 47 10,000 48 10,000 48 10,000 49 10,000 40 10,000	_		
38X 200,000 46	3D		10,000
38X 200,000 46	3X	1 2Z : 1 3X	10,000
## 46	3X		
47 49 41 49 41 41 41 10,000 41 41 41 41 41 40 40,000 41 41 42 40,000 42 40 40 40 40 40 40 40 40 40 40 40 40 40			
49 41. 41. 41. 42.0000 44. 44. 46. 47.000 47. 48. 49. 40. 40. 48. 41. 42.1000 48. 48. 41. 42.1000 48. 48. 41. 40.000 48. 48. 41. 40.000 48. 48. 49. 50.0000 50. 50. 50. 50. 50. 50. 50. 50			
41.  4M.  4M.  4N.  7.000  4N.  4P.  40.  40.  41.  41.  42.  40.  42.  40.  43.  44.  44.  44.  45.  50.000  44.  44.			
4M 4N 7,000 4P 4Q 4Q 4R 4R 50,000 4X X 132:14X 1,000 4X X 132:14X 1,000 55 58 58 50,000 55 58 58 142:15X 12,000 59 X 1 C52:19X 30,000 9X 9X 1 C52:19X 30,000 9X 30,000 9X 1 192:19X 1,200 A3F AFF 75,000 A4F AFF 75,000 A4F AFP 75,000 A4F APP ADD ADD ADD ADD ADD ADD ADD ADD ADD			
## AP ## 88,0,000 ## AP ## 88,0,000 ## AR ## 132:14X			
#P #Q			
4Q 4R 50,000 4X 132:14X 1,000 50 50 50 150,000 55 58 58 142:15X 1,000 55 58 58 142:15X 1,000 58 58 142:19X 30,000 9X 30,000 9X 152:19X 30,000 9X 30,00	4N		7,000
4Q 4R 50,000 4X 132:14X 1,000 50 50 50 150,000 55 58 58 142:15X 1,000 55 58 58 142:15X 1,000 58 58 142:19X 30,000 9X 30,000 9X 152:19X 30,000 9X 30,00	4P		80,000
4R 4X 137:14X 1,000 4X 25,000 50 50 50 50 50 50 50 50 50 50 50 50	4Q		4,000
AX			
AX		1 37 · 1 4X	
SO		132.14/	
55   S8   S0,000   S8   S0,000   S9   S8   S0,000   S9   S8   S0,000   S9   S8   S0,000   S9   S8   S9   S9   S9   S9   S9   S9			
S8			
SX			
SX			
9X 1 CSZ:19X 30,000 9X 19Z:19X 1,200 A3 75,000 A4F 75,000 A4EX 10,000 A4F 5,000 A4F 5,000 A4D 750 AOD 750 AOD 750 AOD 750 AOD 750 AOD 750 D5 5,000 D7 7,500 D7 2 PAP:1D7 7,500 D8 10,000 D9 200,000 DMP 8,000	5X	1 4Z : 1 5X	12,000
9X 192:19X 1,200  A3 75,000  AEF 75,000  AEF 75,000  AEF 5,000  AIF 5,000  AIF 5,000  AIF 5,000  AIF 5,000  AIF 750  AOD 750  AOD 750  AOM 20,000  APF 750  AOM 20,000  APF 750  AOM 750  D5 5,000  D6 75,000  D7 750  D8 10,000  D9 10,000  D9 10,000  DMO 120,000  DMO 120,000  DMO 120,000  DMO 150,000  DSS 250,000  DSS 250,000  DSS 250,000  BE 3 10,000  E4 250,000  E4 250,000  E5 8 8 80,000  E6 9 7,000  EHF 12,500  EHF 500  EHF 15,500  EM 10,000  EM 12,500  EM 15,500  EM 15,500  EM 25,000  EM 25,0	5X		250,000
9X 192:19X 1,200  9X 192:19X 1,200  A3 75,000  AEF 75,000  AEF 75,000  AIF 5,000  AIF 5,000  AIF 5,000  AIF 75,000  AOM 20,000  AFF 75,000  APF 75,000  APF 75,000  D5 5,000  D6 75,000  D7 7,500  D7 7,500  D8 10,000  D9 9  DMO 120,000  DMO 120,000  DMP 8,000  DO 5,000  DSO 25,000  DSO 25,000  DSO 25,000  ES 10,000  ES 10,0	9X	1 CSZ : 1 9X	30,000
9X	9X		30.000
A3 AEF AEF AEX AEF AEX		1 97 · 1 9X	
AEF AEX		132.137	
AEX AFP AFP 5,000 ALF ALF 5,000 ALF ALF 5,000 ALF ADD 750 AOM ADD 750 AOM ADD 750 AOM APF 75,000 APF 75,000 APP 10,000 AXP D5 5,000 D6 D7 75,000 D7 75,000 D7 75,000 D7 75,000 D7 75,000 D7 D7 2 PAP:1D7 75,000 D9 DMO D9 DMO D0 DMP 8,000 DMO D0 DMP 8,000 DMO D0 DMP 8,000 DSP 10,000 DSP 10,000 DSP 10,000 DSP 10,000 E3 E4 2 PWO:1E4 2 50,000 E4 E4 2 PWO:1E4 2 50,000 E8 E9 FHE 11,500 EHF 500 EHF 11,500 EHF 11,500 EM EM 10,65 H3:1EM 2,500 EM EM EM EM 10,65 H3:1EM 2,500 EM			
AFP ALF ALF ALF ALF ALF ALF ALF ALF ADO ALF ADO ADO ADO ADO ADO ADO APF ADO APF APF APF APF APF APF APF APF APF ADO ADO APF APF APF APF APF APF APF APF ADO ADO APF APF APF APF APF APF APF ADO APF APF APF APF APF ADO ADO APF APF APF APF APF APF ADO APF ADO APF ADO APF ADO APF APF ADO APF AD			
ALF ALP ALP ADD ALP ADD ADD ADD ADD ADD ADD APP APP ADD BD B			
ALP AOD			
AOD AOM AOM AOM AOM AOM AOM AOM APF AOM APF APP AOM APP ANP AXP ASSOC BOS	ALF		5,000
AOM APF APP APP APP APP APP APP APP APP APP	ALP		750
AOM APF APP APP APP APP APP APP APP APP APP	AOD		750
APF APP AXP AXP AXP AXP AXP AXP AXP AXP AXP			
APP AXP AXP AXP AXP AXP AXP AXP AXP AXP			
AXP			
DS			
D6			
D7			
D7	D6		75,000
D8	D7		7,500
D8	D7	2 PAP : 1 D7	7,500
D9 DMO DMO DMP	D8		
DMO DMP DO DMP B,8000 DSO DSO DSO DSP 10,000 E3 E4 250,000 E4 250,000 E8 88,000 E9 7,000 E8 88,000 E9 7,000 EHE 12,500 EHF 500 EHF 12,500 EHF ED EHW 10,000 E EI 1,500 E EHW 10,000 E EI 1,500 E EHW 10,000 E E E E 1,500 E E E E E E E E E E E E E E E E E E			
DMP			
DO DSO DSO DSO DSP 10,000 E3 E3 10,000 E4 250,000 E4 250,000 E8 80,000 E9 7,000 EHE E9 7,000 EHF 500 EHF 500 EHF 500 EHF 500 EHW 10,000 E EU 11,500 E EU 10,500 EM 10,000 E EU 11,500 EM 10,500 EM 10,			
DSO DSP 10,000 E3 10,000 E4 250,000 E4 250,000 E8 8 80,000 E9 7,000 EHE 12,500 EHF 500 EHF 10,000 EJ 1,500 EJ 1,500 EM EM 10,000 EJ 1,500 EM EM 10,65 H3: 1 EM 2,500 EM EM 10 OF: 1 EM 2,500 EM ERA 75,000 ERR ERE ERP ERD			
DSP			
E3			
E4 250,000 E4 2 PWO:1E4 250,000 E8 80,000 E9 7,000 EHE 12,500 EHF 500 EHF 500 EHW 10,000 EJ 1,500 EM 10,65 H3:1EM 2,500 EM 1 0EM:1EM 2,500 EM 1 OY:1EM 2,500 ERA 75,000 ERA 75,000 ERE 15,000 ERE 15,000 ERE 15,000 ERU 250,000 ERU 250,000 ERU 250,000 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 ERW 7550 EUE 5,000 EUP 3,750	DSP		10,000
E4 250,000 E4 2 PWO:1E4 250,000 E8 80,000 E9 7,000 EHE 12,500 EHF 500 EHF 500 EHW 10,000 EJ 1,500 EM 10,65 H3:1EM 2,500 EM 1 0EM:1EM 2,500 EM 1 OY:1EM 2,500 ERA 75,000 ERA 75,000 ERE 15,000 ERE 15,000 ERE 15,000 ERU 250,000 ERU 250,000 ERU 250,000 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 ERW 7550 EUE 5,000 EUP 3,750	E3		10,000
E4 2 PWO:1 E4 250,000 E8 80,000 E9 7,000 EHE 12,500 EHF 500 EHP 200,000 EHW 10,000 EJ 1,500 EJ 195 H4:1 EJ 1,500 EM 2,500 EM 2,500 EM 10.65 H3:1 EM 2,500 EM 1 OEM:1 EM 2,500 EM 1 OY:1 EM 2,500 EM 3,500 ERE 3,500 ERE 3,500 ERE 4 5,500 ERU 5,500 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 ERU 5,000 EUP 5,000	E4		
E8 80,000 E9 7,000 EHE 12,500 EHF 500 EHF 500 EHW 10,000 EJ 1,500 EM 1,500 EM 2,500 EM 2,500 EM 1.0EM:1EM 2,500 EM 2,500 EM 1.0EM:1EM 2,500 EM 1.0EM:1EM 2,500 EM 1.0Y:1EM 2,500 ERA 75,000 ERA 75,000 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750		2 PWO : 1 E4	
E9 7,000 EHE 12,500 EHF 500 EHP 200,000 EHW 10,000 EJ 1,500 EM 1,500 EM 2,500 EM 2,500 EM 2,500 EM 2,500 EM 1 0EM: 1 EM 2,500 EM 1 OY: 1 EM 2,500 ERA 75,000 ERA 75,000 ERP 12,500 ERU 250,000 ERV 250,000 ERV 750 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750		- <del>-</del> ·	
EHE       12,500         EHF       500         EHP       200,000         EHW       10,000         EJ       1,500         EM       2,500         EM       10.65 H3: 1 EM       2,500         EM       1 OEM: 1 EM       2,500         EM       1 OY: 1 EM       2,500         ERA       75,000         ERE       15,000         ERP       12,500         ERU       250,000         ERW       750         EUE       5,000         EUP       3,750			
EHF       500         EHP       200,000         EHW       10,000         EJ       1,500         EM       2,500         EM       10.65 H3: 1 EM       2,500         EM       1 OEM: 1 EM       2,500         EM       1 OY: 1 EM       2,500         ERA       75,000         ERE       15,000         ERP       12,500         ERU       250,000         ERW       750         EUE       5,000         EUP       3,750			
EHP       200,000         EHW       10,000         EJ       1,500         EM       2,500         EM       10.65 H3:1 EM       2,500         EM       1 OEM:1 EM       2,500         EM       1 OY:1 EM       2,500         ERA       75,000         ERE       15,000         ERP       12,500         ERU       250,000         ERW       750         EUE       5,000         EUP       3,750			
EHW       10,000         EJ       1,500         EM       2,500         EM       10.65 H3 : 1 EM       2,500         EM       1 OEM : 1 EM       2,500         EM       1 OY : 1 EM       2,500         ERA       75,000         ERE       15,000         ERP       12,500         ERU       250,000         ERW       750         EUE       5,000         EUP       3,750			
EJ 1,500 EJ 195 H4:1 EJ 1,500 EM 2,500 EM 2,500 EM 10.65 H3:1 EM 2,500 EM 1 OEM:1 EM 2,500 EM 2,500 EM 2,500 EM 2,500 EM 2,500 EM 1 OY:1 EM 2,500 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750			
EJ 195 H4: 1 EJ 1,500 EM 2,500 EM 10.65 H3: 1 EM 2,500 EM 1 OEM: 1 EM 2,500 EM 2,500 EM 2,500 EM 2,500 EM 2,500 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750			
EM 2,500 EM 10.65 H3:1 EM 2,500 EM 1 OEM:1 EM 2,500 EM 2,500 EM 2,500 EM 2,500 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750	EJ		
EM 2,500 EM 10.65 H3:1 EM 2,500 EM 1 OEM:1 EM 2,500 EM 2,500 EM 2,500 EM 2,500 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750	EJ	195 H4 : 1 EJ	1,500
EM       10.65 H3:1 EM       2,500         EM       1 OEM:1 EM       2,500         EM       1 OY:1 EM       2,500         ERA       75,000         ERE       15,000         ERP       12,500         ERU       250,000         ERW       750         EUE       5,000         EUP       3,750			
EM     1 OEM: 1 EM     2,500       EM     1 OY: 1 EM     2,500       ERA     75,000       ERE     15,000       ERP     12,500       ERU     250,000       ERW     750       EUE     5,000       EUP     3,750		10.65 H3 : 1 EM	
EM 1 OY: 1 EM 2,500 ERA 75,000 ERE 15,000 ERP 12,500 ERU 250,000 ERW 750 EUE 5,000 EUP 3,750			
ERA     75,000       ERE     15,000       ERP     12,500       ERU     250,000       ERW     750       EUE     5,000       EUP     3,750			
ERE     15,000       ERP     12,500       ERU     250,000       ERW     750       EUE     5,000       EUP     3,750		T OX : T EIVI	
ERP     12,500       ERU     250,000       ERW     750       EUE     5,000       EUP     3,750			
ERU     250,000       ERW     750       EUE     5,000       EUP     3,750			
ERW 750 EUE 5,000 EUP 3,750			
ERW     750       EUE     5,000       EUP     3,750	ERU		250,000
EUE 5,000 EUP 3,750	ERW		
EUP 3,750			
250			
	LOW		230

EWE		6,250
EWF		5,000
EWK		100,000
EWW		250
F2		80,000
F4		80,000
F5		80,000
FDM	1 FAD : 1 FDM	
	1 FAD : 1 FDM	300,000
FDM		300,000
FTM	1 FTD : 1 FTM	200,000
FTM		200,000
H2		200,000
H5		15,000
HJ		2,500
HM		2,500
нмо		22,500
HMW		1,250
l1		15,000
11	1   3 : 1   1	15,000
12		200,000
12	1  4 : 1  2	200,000
15	117.112	15,000
15 15	1   7 : 1   5	15,000
	117.115	
16	410.416	250,000
16	1   8 : 1   6	250,000
19		5,000
19	1 K1 : 1 I9	5,000
J1		75,000
J1	1 M1 : 1 J1	75,000
J2		7,000
J2	1 JCL : 1 J2	7,000
J4		30,000
J4	2 PWP : 1 J4	30,000
JM	1.0625 4S: 1 JM	5,000
JM	1.0625 J01-J31 : 1 JM	5,000
JM	21.25 JD : 1 JM	5,000
JM		5,000
JM	1 JO : 1 JM	5,000
JM	10.625 L1 : 1 JM	5,000
JM	1 PML : 20 JM	5,000
JM	1 60 : 1 JM	5,000
JP	100.1100	3,000
JP	195 N9 : 1 JP	
JP JP		3,000
	1 N9P : 10 JP	3,000
JP	390 WOR : 1 JP	3,000
K2		125,000
KA	10 AN : 1 KA	2,000
KA	5 K3 : 1 KA	2,000
KA		2,000
KA	5 9T : 1 KA	2,000
КВ	195 K4 : 1 KB	750
КВ		750
КВ	24.375 ZAO : 1 KB	750
KG	10 GN : 1 KG	1,500
KG		1,500
KG	5 T3 : 1 KG	1,500
KG	5 9U : 1 KG	1,500
KH	195 D2 : 1 KH	500
KH	155 DZ . 1 MI	500
KH	24 275 7CO · 1 VII	500
	24.375 ZGO : 1 KH	
KI	390 IDO : 1 KI	1,000
KI	F DO . 4 W	1,000
KJ 	5 D3 : 1 KJ	2,000
KJ 	10 JN : 1 KJ	2,000
KJ		2,000
KJ	5 9V : 1 KJ	2,000
KK	195 D4 : 1 KK	1,000

кк		1,000
KK	24.375 ZJO : 1 KK	1,000
L3		500,000
	2.000 - 4.12	
L3	2 PNO : 1 L3	500,000
L5		7,000
L6		7,000
L6	1 PSG : 1 L6	7,000
L8		10,000
L9		100,000
Ш		2,500
LM		2,500
MOD	1 DOD : 1 MOD	850,000
MOD		850,000
MOR	1 DOR : 1 MOR	550,000
MOR		550,000
MPD	1 DPD : 1 MPD	50,000
MPD		50,000
MPR	1 DPR : 1 MPR	35,000
MPR	I DI II. I WII II	35,000
N1		6,000
N1	1 R1 : 1 N1	6,000
N3		25,000
N3	2 PNP: 1 N3	25,000
NI	21.25 CE : 1 NI	1,500
NI	1 NEL : 1 NI	1,500
NI	11121211	1,000
	4.05 .4.11	·
NI	1 OE : 1 NI	1,500
NI	10.625 U6 : 1 NI	1,000
NNC		1,000
NRS		2,000
01		100,000
01	1 R4 : 1 O1	100,000
OFM	1 OFD : 1 OFM	20,000
	1010.101W	
OFM		200,000
OJ		2,500
ОМ		2,500
ОРМ	1 OPD : 1 OPM	1,200
OPM		24,000
P2		10,000
Р3		200,000
P4		5,000
P5		100,000
P7		10,000
P8		200,000
Р9		5,000
PDM	1 PDD : 1 PDM	15,000
PDM		15,000
PTM	1 PTD : 1 PTM	25,000
PTM	IIID.ITIIVI	·
		25,000
Q5		5,000
Q8		80,000
R3		200,000
R5		10,000
R6		10,000
R7	2 PEO : 1 R7	125,000
R7	2120.110	125,000
	4.050, 4.00	
R8	1 PEP : 1 R8	7,000
R8		7,000
S4		10,000
U1		200,000
U2		5,000
U3		75,000
U4		5,000
U5		75,000
UM	10.65 B3 : 1 UM	4,000
UM	1 OU : 1 UM	4,000
UM	1 PJH : 20 UM	4,000
=		

UM				
		1 PJN : 20 UM		4,000
UM		21.25 UD: 1 UM		4,000
UM				4,000
UO		195 B6 : 1 UO		2,500
UO		390 NOC : 1 UO		2,500
UO		40-4		2,500
VM		1 OT : 1 VM		750 750
VM		1 PJD : 20 VM		750
VM		1 PJP : 20 VM		750
VM		21.25 VD : 1 VM		750
VM				750
VM		10.625 Z9 : 1 VM		750
VP		390 AOR : 1 VP		750
VP		195 V3 : 1 VP		750
VP				750
W2				75,000
W4				200,000
W6				80,000
X1				100,000
Y1 1A	CV	1 / 5 · 1 1 ^	10 VE + 1 CV	6,500
	GX	1 KE : 1 1A	10 KE : -1 GX	2,500/7,000
1A 1N	7H	1 EWG : 8.333 1N	1 EWG : -1 7H	2,500 5,000/3,500
IN 1N	7H BZ	1 EWG : 8.333 IN 1 1NB : 1 1N	1 EWG : -1 7H 1 1NB : -1 BZ	5,000/ 2,500 5,000/20,000
IN 1N	DC	1 1NB : 1 1N 1 1ND : 1 1N	1 1NB : -1 BZ 1 1ND : -1 DC	
IN 1N	DOO	1 DNB : 1 1N	1 DNB : -1 DOO	5,000/10,000
IN 1N	DOO	I DIND . I IIN	1 DNB1 DOO	5,000/20,000 5,000
1N 1N		1 1N5 : 1 1N		5,000
1N 1N		1 1N 3 . 1 1N 1 1P : 1 1N		
1N 1Q	23	1 10 : 1 1N 1 1U : 1 1Q	1 1U : -1 23	5,000 1,500/5,000
1Q 1Q	25	110.11Q	110125	1,500/3,000
1T	GX	1 1V : 1 1T	1 1V : -1 GX	250/7,000
1T	GΛ	110.111	1 IV1 GA	250/7,000
1W				250
1W		1 FOB : 1 1W		250
1X		IIOD.IIW		750
23	26	1 1H:1 23	1 1H : -1 26	5,000/10,000
23	26	1 3W : 1 23	1 3W : -1 26	5,000/10,000
23	26	1 HK : 1 23	1 HK : -1 26	5,000/10,000
23	BZ	1 HOB : 1 23	1 HOB : -1 BZ	5,000/20,000
23	GX	1 HA : 1 23	7.45 HA : -1 GX	5,000/7,000
23	GA.	1 1G:123	7.431111. 1 0/1	5,000
23		110.1123		5,000
23		1 AT : 1 23		5,000
23		1 MP : 1 23		5,000
				2,500
74				=,500
24 25				2.500
25	23	1 RH : 1 27	1 RH : -1 23	2,500 5.000/5.000
25 27	23 26	1 RH : 1 27 1 1E : 1 27	1 RH : -1 23 1 1E : -1 26	5,000/5,000
25 27 27	26	1 1E : 1 27	1 1E : -1 26	5,000/5,000 5,000/10,000
25 27 27 27	26 26	1 1E : 1 27 1 3Y : 1 27	1 1E : -1 26 1 3Y : -1 26	5,000/5,000 5,000/10,000 5,000/10,000
25 27 27 27 27	26 26 26	1 1E : 1 27 1 3Y : 1 27 1 RM : 1 27	1 1E : -1 26 1 3Y : -1 26 1 RM : -1 26	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000
25 27 27 27 27 27	26 26 26 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500
25 27 27 27 27 27 27	26 26 26 7H 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/2,500
25 27 27 27 27 27 27 27	26 26 26 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/2,500 5,000/20,000
25 27 27 27 27 27 27 27 27	26 26 26 7H 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/2,500 5,000/20,000 5,000
25 27 27 27 27 27 27 27	26 26 26 7H 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/2,500 5,000/20,000 5,000 5,000
25 27 27 27 27 27 27 27 27 27	26 26 26 7H 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 5,000 7,000
25 27 27 27 27 27 27 27 27 27 27 27	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 5,000 7,000 5,000
25 27 27 27 27 27 27 27 27 27 27 27 27 27	26 26 26 7H 7H	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 5,000 5,000
25 27 27 27 27 27 27 27 27 27 27 27 27 27	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 5,000 5,000 5,000
25 27 27 27 27 27 27 27 27 27 27 27 27 26 26	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27 1 3C: 1 2C	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 5,000 5,000 1,000
25 27 27 27 27 27 27 27 27 27 27 27 26 26 26	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27 1 3C: 1 2C	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 1,000 1,000
25 27 27 27 27 27 27 27 27 27 27 27 26 26 26 21	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27 1 3C: 1 2C	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 1,000 1,000 500/7,000
25 27 27 27 27 27 27 27 27 27 27 27 26 26 26 21 21	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27 1 3C: 1 2C 1 6G: 1 2G 1 LE: 1 2L	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ 1 3C: -1 27	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 7,000 5,000 5,000 5,000 1,000 1,000 500/7,000
25 27 27 27 27 27 27 27 27 27 27 27 26 26 26 21	26 26 26 7H 7H BZ	1 1E: 1 27 1 3Y: 1 27 1 RM: 1 27 1 EXR: 8.333 27 1 XER: 1 27 1 RBB: 1 27 1 1D: 1 27 1 RA: 1 27 1 RL: 1 27 1 3C: 1 2C	1 1E: -1 26 1 3Y: -1 26 1 RM: -1 26 1 EXR: -1 7H 8.333 XER: -1 7H 1 RBB: -1 BZ	5,000/5,000 5,000/10,000 5,000/10,000 5,000/10,000 5,000/2,500 5,000/20,000 5,000 5,000 7,000 5,000 5,000 5,000 1,000 1,000 500/7,000

4C	23	1 5C : 1 4C	1 5C : -1 23	5,000/5,000
4C				5,000
4G				500
4G		1 6D : 1 4G		500
4U	23	1 7U : 1 4U	1 7U : -1 23	10,000/5,000
4U				10,000
4Y	23	1 5U : 1 4Y	1 5U : -1 23	5,000/5,000
4Y				5,000
5Y	23	1 7Y : 1 5Y	1 7Y : -1 23	10,000/5,000
5Y	23	1 ULB : 1 5Y	1 ULB : -1 23	10,000/5,000
5Y				10,000
7D				1,000
7D		1 8D : 1 7D		1,000
7F	2.7	0.00 71 4 711	471 407	5,000
7H	BZ	8.33 7I : 1 7H	1 7I : -1 BZ	2,500/20,000
7H	BZ	8.33 7K : 1 7H	1 7K : -1 BZ	2,500/20,000
7H	BZ	1 AES : 1 7H	1 AES : -8.333 BZ	2,500/20,000
7H	BZ	1 EOB : 1 7H	1 EOB : -8.333 BZ	2,500/20,000
7H				2,500
7H		1 7R : 1 7H		2,500
7H		1 GBR : 1 7H		2,500
7H		10 MEO : 1 7H		2,500
7L				500
7L	22	1 7N : 1 7L	4.714. 4.00	500
70	23	17W:170	1 7W : -1 23	5,000/5,000
70 70				5,000
7P		4.76 . 4.70		1,500
7P	N 4 N 4	1 7S : 1 7P	1 NIVII . 1 NANA	1,500
N8	MM	1 NYH : 1 8N	1 NYH : -1 MM	5,000/10,000
N8		1 NIVD - 1 ON		5,000
8N		1 NYB : 1 8N		5,000
A5		1 DAD . 1 AF		5,000
A5 A7	23	1 DAP : 1 A5 1 A6 : 1 A7	1 A6 : -1 23	5,000
A7	23	1 AO . 1 A/	1 A01 25	5,000/5,000
A7 A9	27	1 A8 : 1 A9	1 A8 : -1 27	5,000 5,000/5,000
A9 A9	27	1 AO . 1 A3	1 AO1 Z/	5,000
AF	23	1 GBA : 1 AF	1 GBA : -1 23	7,000/5,000
AF	23	1 JU : 1 AF	1 JU : -1 23	7,000/5,000
AF	23	130.1A	130123	7,000/3,000
AJ	23	1 GUD : 1 AJ	1 GUD : -1 23	10,000/5,000
AJ	23	1 US : 1 AJ	1 US : -1 23	10,000/5,000
AJ	26	1 CF : 1 AJ	1 CF : -1 26	10,000/10,000
AJ	20	10.170	1 (1120	10,000
AW	26	1 CK : 1 AW	1 CK : -1 26	7,000/10,000
AW	27	1 UZ : 1 AW	1 UZ : -1 27	7,000/10,000
AW	2,	102.17	102.127	7,000
BG	BG	1 GXA : 1 BG		5,000
BG	BG	1 GXB : 1 BG		5,000
BG	BG	1 GXC : 1 BG		5,000
BG	BG	1 GXM : 1 BG		5,000
BG	BG	1 GXZ : 1 BG		5,000
BG	50	1 0/2 . 1 00		5,000
BG		1 F8 : 1 BG		5,000
BH		1.0.120		7,000
BH		1 LB: 1 BH		7,000
ВН		2 QH : 1 BH		7,000
СВО	26	1 CBC : 1 CBO	1 CBC : -1 26	10,000/10,000
СВО	27	1 CBA : 1 CBO	1 CBA : -1 27	10,000/5,000
СВО	<u>-</u> -		····	10,000
CRG	26	1 GCG : 1 CRG	1 GCG : -1 26	10,000/10,000
CRG	27	1 CRB : 1 CRG	1 CRB : -1 27	10,000/5,000
CRG	2,	1 55 . 1 60	10 12,	10,000
EFM	UF	1 ENS : 1 EFM	1 ENS : -1 UF	1,500/ 1,500
EFM	O1	I LIVJ . I LI IVI	1 11431 01	1,500/ 1,500
EFM		1 FOM : 1 EFM		1,500
EFM		10 MFD : 1 EFM		1,500
<u> </u>				2,550

FBD	GX	1 FBT : 1 FBD	10 FBT : -1 GX	2,500/7,000
FBD				2,500
GCM	26	1 GCC : 1 GCM	1 GCC : -1 26	10,000/10,000
GCM	27	1 GBB : 1 GCM	1 GBB : -1 27	10,000/5,000
GCM	27	1 RBG : 1 GCM	1 RBG : -1 27	10,000/5,000
GCM	27	1 RVG : 1 GCM	1 RVG : -1 27	10,000/5,000
GCM				10,000
GCM		1 UGG : 1 GCM		10,000
GE	23	1 1M : 1 GE	1 1M : -1 23	10,000/5,000
GE	23	1 ME : 1 GE	1 ME : -1 23	10,000/5,000
GE				10,000
GE		1 GVR : 1 GE		10,000
GFS	BZ	7.45 GRC : 1 GFS	1 GRC : -1 BZ	500/20,000
GFS	GX	1 GRB : 1 GFS	1 GRB : -1 GX	500/7,000
GFS	GX	1 GRS : 1 GFS	1 GRS : -1 GX	
GFS	ďλ		1 GK31 GX	500/7,000
		1 GFL : 1 GFS		500
GFS				500
GP	23	1 UT : 1 GP	1 UT : -1 23	10,000/5,000
GP	26	1 RD : 1 GP	1 RD : -1 26	10,000/10,000
GP				10,000
GS	26	1 1J:1 GS	1 1J : -1 26	10,000/10,000
GS	26	1 RU : 1 GS	1 RU : -1 26	10,000/10,000
GS	27	1 1K: 1 GS	1 1K : -1 27	10,000/5,000
GS	27	1 RV : 1 GS	1 RV : -1 27	10,000/5,000
GS	GP	1 MD : 1 GS	1 MD : -1 GP	10,000/10,000
GS				10,000
GSI				1,500
GT	GX	1 7X : 1 GT	1 7X : -1 GX	5,000/7,000
GT	GX	1 ET : 1 GT	1 ET : -1 GX	5,000/7,000
GT	GX	10 MUD : 1 GT	10 MUD : -1 GX	5,000/7,000
GT	TY	1 BBU : 1 GT	1 BBU : -1 TY	5,000/500
	11	1660.101	1 0001 11	
GT		4.117.4.CT		5,000
GT		1 U7 : 1 GT		5,000
GX	BB	7.45 GZ : 1 GX	1 GZ : -1 BB	7,000/20,000
GX	BZ	1 GOC : 1 GX	1 GOC : -7.45 BZ	7,000/20,000
GX		1 F7 : 1 GX		5,000
GX				7,000
GX		1 IGE : 1 GX		7,000
GX		10 QA: 1 GX		7,000
GX		1 U9 : 1 GX		7,000
H1	MF	1 FOC: 1 H1	1 FOC : -1 MF	2,000/10,000
H1				2,000
H1		1 NYT : 1 H1		2,000
НО	CL	1 CH : 1 HO	1 CH : -1 CL	5,000/10,000
но	НО	1 FA : 1 HO		5,000
НО	НО	1 FB : 1 HO		5,000
но	НО	1 FC : 1 HO		5,000
но	НО	1 FM : 1 HO		5,000
но	НО	1 FZ : 1 HO		5,000
	110	112.1110		5,000
НО		1 011 - 1 110		•
НО		1 OH : 1 HO	4.10 4.00	5,000
JA	ВВ	8.9 JB : 1 JA	1 JB : -1 BB	1,000/20,0000
JA	UN	1 EWN : 1 JA	1 EWN : -1 UN	1,000/ 1,500
JA		1 E6 : 1 JA		1,000
JA		10 E6M : 1 JA		1,000
JA				1,000
JA		1 JA5 : 1 JA		1,000
JA		10 MJN : 1 JA		1,000
JE				5,000
KS	DC	1 KSD : 1 KS	1 KSD : -1 DC	1,500/10,000
KS	D00	1 DRK : 1 KS	1 DRK : -1 DOO	1,500/20,000
KS	SG	1 RK : 1 KS	1 RK : -1 SG	1,500/5,000
KS	SG	1 ZO : 1 KS	1 ZO : -1 SG	1,500/5,000
KS	30	1 BX : 1 KS	120.130	1,500/5,000
		T DV . T V2		
KS		4 NO . 4 VC		1,500
KS	22	1 N2 : 1 KS	4.10 . 4.00	1,500
LL	23	1 JS : 1 LL	1 JS : -1 23	5,000/5,000

LL				5,000
LX	23	1 KL : 1 LX	1 KL : -1 23	5,000/5,000
LX				5,000
LY	23	1 1L:1 LY	1 1L:-1 23	10,000/5,000
LY	23	1 LT : 1 LY	1 LT : -1 23	10,000/5,000
LY	26	1 GY : 1 LY	1 GY : -1 26	10,000/10,000
LY	GE	1 VV : 1 LY	1 VV : -1 GE	10,000/10,000
LY				10,000
MF	26	1 GFC : 1 MF	1 GFC : -1 26	10,000/10,000
MF	26	1 MG : 1 MF	1 MG : -1 26	10,000/10,000
MF	BZ	1 GCI : 1 MF	1 GCI : -1 BZ	10,000/20,000
MF	UV	1 GCB : 1 MF	1 GCB : -1 UV	10,000/1,500
MF	UV	1 GCU : 1 MF	6.35 GCU : -1 UV	10,000/1,500
MF		1 FG : 1 MF		10,000
MF		1 \/7 . 1 \/5		10,000
MF	27	1 VZ : 1 MF	1 11 . 1 27	10,000
MH	27	1 JL : 1 MH	1 JL : -1 27	10,000/5,000
MH	26	1 NAL . 1 NANA	1 MI . 1 26	10,000
MM	26	1 ML : 1 MM 1 NFC : 1 MM	1 ML : -1 26	10,000/10,000
MM MM	26 MF		1 NFC : -1 26	10,000/10,000 10,000/10,000
MM	MF	1 NFG : 1 MM 1 VR : 1 MM	1 NFG : -1 MF 1 VR : -1 MF	
MM	UF	1 NYF : 1 MM	6.35 NYF : -1 UF	10,000/10,000
MM	UF	1 NYG : 1 MM	6.35 NYG : -1 UF	10,000/1,500
MM	UF	I NTG . I IVIIVI	0.55 NTG1 UF	10,000/1,500
MM		1 VK : 1 MM		10,000 10,000
MQ	23	1 MQ : 1 MQ	1 MQ : -1 23	10,000
PS	UN	1 EPN : 1 PS	1 MQ : -1 23 1 EPN : -1 UN	300/1,500
RB	CL	1 RX : 1 RB	1 RX : -1 CL	5,000/10,000
RB	RB	1 ZA : 1 RB	TIOC. ICE	5,000
RB	RB	1 ZB : 1 RB		5,000
RB	RB	1 ZC : 1 RB		5,000
RB	RB	1 ZM : 1 RB		5,000
RB	5	1 OB : 1 RB		5,000
RB		1001110		5,000
RBF	GX	1 BFR : 1 RBF	10 BFR : -1 GX	2,500/7,000
RBF				2,500
RMF				15,000
RMG				50,000
RMK				15,000
RMS				50,000
RMU				15,000
RT		2 QU: 1 RT		7,000
RT		1 RF:1 RT		7,000
RT				7,000
RY	27	1 RI : 1 RY	1 RI : -1 27	7,000/5,000
RY				7,000
SE	DC	6.35 STI : 1 SE	1 STI : -1 DC	1,500/10,000
SE		1 8H : 1 SE		750
SE		1 BT : 1 SE		1,500
SE		10 MTB: 1 SE		1,500
SE		10 MTS : 1 SE		1,500
SE				1,500
SE	UV	1 EVC : 1 SE	1 EVC : 1 UV	1,500/1,500
SE	UV	1 SFB : 1 SE	1 SFB : 1 UV	1,500/1,500
SG	GX	1 GA : 1 SG	7.45 GA : -1 GX	5,000/7,000
SG		1 M2 : 1 SG		5,000
SG		10 MSG : 1 SG		5,000
SG				5,000
SG		1 VU : 1 SG		5,000
SP		1 KU : 1 SP		1,500
SP				1,500
STF	SG	1 STZ : 1 STF	1 STZ : -1 SG	5,000/5,000
STF				5,000
STF		1 STL : 1 STF	4.050	5,000
TW	BZ	1 GEB : 1 TW	1 GEB : -7.45 BZ	500/20,000
TW	GX	1 4V : 1 TW	1 4V : -1 GX	500/7,000

TW	GX	10 MGF : 1 TW	10 MGF : -1 GX	500/7,000
TW	GX	10 MGG : 1 TW	10 MGG : -1 GX	500/7,000
TW	GX	1 TU: 1 TW	1 TU : -1 GX	500/7,000
TW		1 B7:1 TW		500
TW				500
TY	GX	1 3V:1 TY	1 3V : -1 GX	500/7,000
TY	GX	10 MGN: 1 TY	10 MGN : -1 GX	500/7,000
TY	GX	1 TP: 1 TY	1 TP : -1 GX	500/7,000
TY		1 B1:1 TY		500
TY				500
UA	BZ	1 SFC : 1 UA	1 SFC : -1 BZ	5,000/20,000
UA	BZ	6.35 STR: 1 UA	1 STR : -1 BZ	5,000/20,000
UA	DC	6.35 STB: 1 UA	1 STB : -1 DC	5,000/10,000
UA	DC	6.35 STS : 1 UA	1 STS : -1 DC	5,000/10,000
UA	SE	1 MSD : 1 UA	1 MSD : -1 SE	5,000/ 1,500
UA	SE	1 SD : 1 UA	1 SD : -1 SE	5,000/1,500
UA	UV	1 EW : 1 UA	1 EW : -1 UV	5,000/1,500
UA	UV	1 EWB : 1 UA	1 EWB : -1 UV	5,000/1,500
UA		10 0F : 1 UA		5,000
UA		10 5L : 1 UA		5,000
UA		1 BS : 1 UA		5,000
UA		1 C5 : 1 UA		5,000
UA				5,000
UF	BB	6.35 FI : 1 UF	1 FI : -1 BB	1,500/20,000
UF	BZ	1 FVB : 1 UF	1 FVB : -6.35 BZ	1,500/20,000
UF	UV	1 88 : 1 UF	1 88 : -1 UV	1,500/1,500
UF	UV	1 FS : 1 UF	1 FS : -1 UV	1,500/1,500
UF		10 0B : 1 UF		1,500
UF		10 0C : 1 UF		1,500
UF		1 FCN : 1 UF		1,500
UF		1 KX : 1 UF		1,500
UF		10 MFE : 1 UF		1,500
UF		4.00 4.111	4.00 4.15	1,500
UH	UF UF	1 33 : 1 UH	1 33 : -1 UF	1,500/1,500
UH	UF	1 EBF : 1 UH	1 EBF : -1 UF	1,500/1,500
UH		10 0A : 1 UH		1,500
UH		1 6L : 1 UH		1,500
UH		1 EFB : 1 UH		1,500
UH UH		10 T0 : 1 UH		1,500
UI	ВВ	6.35 FL : 1 UI	1 FL : -1 BB	1,500 1,500/20,000
UI	BB	6.35 FOA : 1 UI	1 FOA : -1 BB	1,500/20,000
UI	UV	1 63 : 1 UI	1 63 : -1 UV	1,500/20,000
UI	UV	1 FK : 1 UI	1 FK : -1 UV	1,500/1,500
UI	OV	1 EFF : 1 UI	11K. 10V	1,500
UI		10 MMF : 1 UI		1,500
UI		10 1411411 . 1 01		1,500
UJ	GX	1 6X : 1 UJ	1 6X : -1 GX	1,500/7,000
UJ	GX	1 JC : 1 UJ	1 JC : -1 GX	1,500/7,000
UJ	GX	10 MJC : 1 UJ	10 MJC : -1 GX	1,500/7,000
UJ		1 30 : 1 UJ		1,500
UJ		1 F3 : 1 UJ		1,500
UJ				1,500
UN	BB	1 3U : 1 UN	1 3U : -1 BB	1,500/20,000
UN	BB	8.9 43 : 1 UN	1 43 : -1 BB	1,500/20,000
UN	BB	8.9 EN : 1 UN	1 EN : -1 BB	1,500/20,000
UN	BZ	1 NBB : 1 UN	1 NBB : -8.9 BZ	1,500/20,000
UN	BZ	1 NOB : 1 UN	1 NOB : -8.9 BZ	1,500/20,000
UN		1 KZ : 1 UN		1,500
UN		10 MEN : 1 UN		1,500
UN		10 MNC : 1 UN		1,500
UN		1 NCN : 1 UN		1,500
UN		1 NWE : 1 UN		1,500
UN				1,500
UR	GX	1 9Q : 1 UR	1 9Q : -1 GX	1,500/7,000
UR	GX	1 JR : 1 UR	1 JR : -1 GX	1,500/7,000
UR	GX	10 MJB : 1 UR	10 MJB : -1 GX	1,500/7,000
		-	-	. , ,

1115				4.500	ī
UR		4.40. 4.115		1,500	
UR		1 X9 : 1 UR	4.500 4.00	1,500	
UV	BB	6.35 FCB : 1 UV	1 FCB : -1 BB	1,500/20,000	
UV	BB	6.35 FO : 1 UV	1 FO : -1 BB	1,500/20,000	
UV	BZ	1 BOB : 1 UV	1 BOB : -6.35 BZ	1,500/20,000	
UV		10 0D : 1 UV		1,500	
UV		10 0E : 1 UV		1,500	
UV		1 FOR : 1 UV		1,500	
UV		1 KR : 1 UV		1,500	
UV		10 MFT : 1 UV		1,500	
UV		1 Q6 : 1 UV		1,500	
UV				1,500	
V0	1N	1 SMU : 1 V0	1 SMU : -1 1N	5,000/ 5,000	
V0				5,000	
V0		1 W0 : 1 V0		5,000	
VL	BZ	1 GOB : 1 VL	1 GOB : -7.45 BZ	500/20,000	
VL	GX	1 6V : 1 VL	1 6V : -1 GX	500/7,000	
VL	GX	10 MGB: 1 VL	10 MGB : -1 GX	500/7,000	
VL	GX	1 WQ : 1 VL	1 WQ : -1 GX	500/7,000	
VL		1 B8 : 1 VL		500	
VL				500	
VQ				3,500	
WR	GX	1 WT : 1 WR	1 WT : -1 GX	500/7,000	
WR				500	
X0				5,000	
X0		1 Y0: 1 X0		5,000	
Y3	MF	1 NYC: 1 Y3	1 NYC : -1 MF	2,000/10,000	
Y3		1 NYE : 1 Y3		2,000	
Y3				2,000	
Y4	MM	1 NYI : 1 Y4	1 NYI : -1 MM	2,000/10,000	
Y4		1 NYS: 1 Y4		2,000	
Y4				2,000	
YF	23	1 YH : 1 YF	1 YH : -1 23	3,500/5,000	
YF				3,500	
YS	23	1 UY: 1 YS	1 UY:-1 23	10,000/5,000	
YS				10,000	
Z4	GX	1 8W : 1 Z4	1 8W : -1 GX	5,000/7,000	
<b>Z</b> 4	GX	1 Z5 : 1 Z4	1 Z5 : -1 GX	5,000/7,000	
<b>Z</b> 4		1 X6 : 1 Z4		5,000	
<b>Z</b> 4				5,000	
Z6	GX	1 7V : 1 Z6	1 7V : -1 GX	5,000/7,000	
<b>Z</b> 6	GX	10 UCM : 1 Z6	10 UCM : -1 GX	5,000/7,000	
<b>Z</b> 6	GX	1 Z7 : 1 Z6	1 Z7 : -1 GX	5,000/7,000	
<b>Z</b> 6	TY	1 UCU : 1 Z6	1 UCU : -1 TY	5,000/500	
<b>Z</b> 6		1 X7 : 1 Z6		5,000	
Z6		-		5,000	
CJ				6,000	
KT				5,000	
ТТ				3,000	2,500/5,000
YO				9,000	2,500,5,500
-				-,	

			All Mo	nth		
	aggregate Into Iivalent Leg	All Month Aggregate Into Futures Equivalent Leg		to All Month Aggregate Into	All Month Accountability Level	All Month Limit ( Net Futures Equivalents) Le
		(2)	Ratio Leg (1)	Ratio Leg (2)	Leg (1) / Leg (2)	(1) / Leg (2)
A	ACL				5,000	
	ACR		1 ALW : 1 ACR		5,000	
	ACR				5,000	
	ИСС		1 MC6 : 1 MCC		6,000	
	ИСС				6,000	
	ИFF				5,000	
	ЛFF		1 MFO : 1 MFF		5,000	
	ИFF		1 RLA : 1 MFF		5,000	
	ЛFF		1 RQA : 1 MFF		5,000	
	ИTF		1 CLA : 1 MTF		7,000	
	ИTF		1 CQA : 1 MTF		7,000	
	ИTF		1000.1000		7,000	
	ИTF		1 MTO : 1 MTF		7,000	
	NCL		I 1411 O . I 14111		5,000	
	QL		1 C1 : 1 QL		5,000	
	QL QL		1 C1 . 1 QL		5,000	
	QL QL		1 6K : 1 QL		5,000	
	QL QL		1 6K : 1 QL 1 6M : 1 QL		5,000	
	QL QP		I DIVI . I QL			
			1 DDF - 1 OD		5,000	
	QP OV		1 RPF : 1 QP		5,000	
	QX		1 CPF : 1 QX		5,000	
	QX				5,000	
	SSI				2,000	
	26	BZ	1 BV : 1 26	1 BV : -1 BZ	20,000/20,000	
	26	BZ	1 BK : 1 26	1 BK : -1 BZ	20,000/20,000	
	26	BZ	1 BY : 1 26	1 BY : -1 BZ	20,000/20,000	
	26				20,000	
	26		1 42 : 1 26		20,000	
	26		1 6E : 1 26		20,000	
	26		1 6F : 1 26		20,000	
	26		1 AO : 1 26		20,000	
:	26		1 CD : 1 26		20,000	
:	26		1 CS: 1 26		20,000	
:	26		1 DCL: 1 26		20,000	
:	26	26	1 DNM: 126		20,000	
:	26	26	1 DTM: 126		20,000	
:	29	V7	1 36 : 1 29	1 36 : -1 V7	30,000/20,000	
:	29	V7	1 38 : 1 29	1 38 : -1 V7	30,000/20,000	
:	29				30,000	
:	29		1 37 : 1 29		30,000	
,	A4	V7	1 E5:1 A4	1 E5 : -1 V7	20,000/20,000	
,	A4				20,000	
,	AY	26	1 FH : 1 AY	1 FH : -1 26	20,000/20,000	
	AY				20,000	
	ВВ	BB	19B:1BB		20,000	
	ВВ	ВВ	1 9C : 1 BB		20,000	
	ВВ	ВВ	19D:1BB		20,000	
	ВВ	ВВ	1 9L : 1 BB		20,000	
	ВВ	ВВ	1 9Y : 1 BB		20,000	
	ВВ	BB	1 AA : 1 BB		20,000	
	BB	BB	1 AB : 1 BB		20,000	
	BB	BB	1 AC: 1 BB		20,000	
	BB	BB	1 AM : 1 BB		20,000	
	BB	BB	1 AZ : 1 BB		20,000	
	BB	DC	1 DB : 1 BB	1 DB : -1 DC	20,000/10,000	
	BB	50	100.100	100.100	20,000	
	BB		1000 MBZ : 1 BB		20,000	
	BB		1 ODB : 1 BB		20,000	
	BZ	D00	1 BSG : 1 BZ	1 BSG : -1 DOO	20,000	
	BZ	D00	1 DBO : 1 BZ	1 DBO : -1 DOO	20,000/20,000	

_					
BZ		1 BA: 1 BZ		20,000	
BZ		1 BE: 1 BZ		20,000	
BZ		1 BPC : 1 BZ		20,000	
BZ		1 BQP : 1 BZ		20,000	
BZ				20,000	
BZ		1 CY : 1 BZ		20,000	
BZ		1 IBE : 1 BZ		20,000	
BZ		1 IBS : 1 BZ		20,000	
BZ		1 J9 : 1 BZ		20,000	
BZ		1 OS : 1 BZ		20,000	
C01-C31				20,000	
CFA CFB				5,000 5,000	
CFC				5,000	
CL	CL	1 WA : 1 CL		20,000	
CL	CL	1 WB : 1 CL		20,000	
CL	CL	1 WC : 1 CL		20,000	
CL	CL	1 WM : 1 CL		20,000	
CL	CL	1 WZ : 1 CL		20,000	
CL				20,000	
CL		1 LO : 1 CL		20,000	
CSN				20,000	
CVF				80,000	
CVF		1 CVP : 1 CVF		80,000	
DC		1 AH : 1 DC		10,000	
DC		1 BI : 1 DC		10,000	
DC				10,000	
D00	DC	1 DPO : 1 DOO	1 DPO : -1 DC	20,000/10,000	
D00		1 DOA: 1 DOO		20,000	
D00		1 DOB : 1 DOO		20,000	
D00				20,000	
MB				30,000	
MO	26	1 YV : 1 MO	1 YV : -1 26	20,000/20,000	
MO	26	4.07 4.407	110/ 126	20,000	
MX	26	1 YX : 1 MX	1 YX : -1 26	20,000/20,000	
MX		1 DDA - 1 ND7		20,000	
NBZ NBZ		1 BDA : 1 NBZ 1 BDC : 1 NBZ		20,000 20,000	
NBZ		1 BDE : 1 NBZ		20,000	
NBZ		1 BDO : 1 NBZ		20,000	
NBZ		1 DDO . 1 ND2		20,000	
R2				10,000	
RE				10,000	
SG	D00	1 DZB : 1 SG	1 DZB : -1 DOO	5,000/20,000	
UB	1C	1 1C : 1 UB	1 1C : -1 1C	5,000/5,000	
UB	59	1 59 : 1 UB	1 59 : -1 59	5,000/5,000	
UB	6W	1 6W:1 UB	1 6W : -1 6W	5,000/5,000	
UB	BB	1 FE : 1 UB	1 FE:-1 BB	5,000/20,000	
UB	BB	1 FY: 1 UB	1 FY:-1 BB	5,000/20,000	
UB		1 7G : 1 UB		7,000	
UB		1 DBB: 1 UB		5,000	
UB		1 DBP : 1 UB		5,000	
UB				5,000	
V7		1 39 : 1 V7		20,000	
V7				20,000	
WCC				20,000	
WCC		1 WCI : 1 WCC		20,000	
WCE		1 W/CO - 1 W/CF		10,000	
WCE WS	\A/C	1 WCO : 1 WCE		10,000	
WS WS	WS WS	1 7A : 1 WS 1 7B : 1 WS		20,000 20,000	
WS WS	WS	1 76 : 1 WS 1 7C : 1 WS		20,000	
WS	WS	1 7C . 1 WS 1 7M : 1 WS		20,000	
WS	WS	1 7X : 1 WS		20,000	
WS	***	1 LC : 1 WS		20,000	
WS		1000 MCL : 1 WS		20,000	
WS		2 QM : 1 WS		20,000	
				, -	

WS				20,000	
XA	26	1 WJ : 1 XA	1 WJ : -1 26	20,000/20,000	
XA				20,000	
XB	26	1 FF : 1 XB	1 FF : -1 26	20,000/20,000	
XB				20,000	
6S		1 6P:1 6S		30,000	
6S				30,000	
6S		1 9E : 1 6S		30,000	
6S		1 VA: 16S		30,000	
6S		1 VG: 1 6S		30,000	
6T				70,000	
6T		1 6U : 1 6T		70,000	
6T		1 9G : 1 6T		70,000	
6T		1 AV : 1 6T		70,000	
6T		1 RC : 1 6T		70,000	
CCA		1 CAO : 1 CCA		18,000	
CCA				18,000	
CPL		1 CPE: 1 CPL		30,000	
CPL				30,000	
CPL		1 PCL: 1 CPL		30,000	
CR		1 92 : 1 CR		700	
CR		1 93 : 1 CR		700	
CR		1 94 : 1 CR		700	
CR		1 95 : 1 CR		700	
CR		1 CO: 1 CR		700	
CR				700	
EUL				1,800	
FLY				9,000	
REU		1 ERO : 1 REU		12,000	
REU				12,000	
REU		1 RUE : 1 REU		12,000	
RJ		1 76 : 1 RJ		7000	
RJ		1 86 : 1 RJ		7000	
RJ		1 96 : 1 RJ		7000	
RJ		1 98 : 1 RJ		14,000	
RJ		1 OR : 1 RJ		14,000	
RJ				14,000	
2M				750	
CU				7,000	
CU		1 CVR : 1 CU		7,000	
EZ				7,000	
EZ		1 NVP : 1 EZ		7,000	
WE				750	
YE				750	
<b>Z1</b>				750	
V2				20,000	
CFU				10,000	
CFU		4 CSF : 1 CFU		10,000	
CFU		1 M0 : 1 CFU		10,000	
FRS				5,000	
HFT		4 H0:1 HFT		5,000	
HFT				5,000	
HFT		1 Q0 : 1 HFT		5,000	
PFU		4 F0 : 1 PFU		10,000	
PFU		1 N0 : 1 PFU		10,000	
PFU				10,000	
SFT		4 G0 : 1 SFT		7,500	
SFT		1 PO : 1 SFT		7,500	
SFT		•		7,500	
TC6				600	
TH		1 TCF : 1 TH		10,000	
TH				10,000	
TI				10,000	
TJ				5,000	
TK				10,000	
TL		1 TDT : 1 TL		10,000	
TL		1101.116		10,000	
· <del>-</del>				10,000	

TM		1 TCW : 1 TM		5,000	
TM				5,000	
6Q		1 QI : 2.5 6Q		3,000	
		1 QI . 2.3 0Q			
6Q				3,000	
AUP				20,000	
BUS				68,000	
FSF				50,000	
GB					
GB		1 GBC : 1 GB			
GC				6,000	
GC		1 L01-L31 : 1 GC		6,000	
GC		10 MGC : 1 GC		6,000	
GC		1 OG : 1 GC		6,000	
GVF		100.100		12,000	
GVF		1 GVP : 1 GVF		12,000	
		1007.1007			
HG		4.10/ 4.10		5,000	
HG		1 HX : 1 HG		5,000	
HGS		1 CAP : 1 HGS		5,000	
HGS				5,000	
HR				20,000	
HR		1 HRO : 1 HR		20,000	
LSF					
NSF				50,000	
PA				1,000	
PA		1 PAO : 1 PA		1,000	
PIO		1 ICP : 1 PIO		12,500	
PIO		2 ICT : 1 PIO		12,500	
		2101.1710			
PIO		2712 4 212		12,500	
PIO		2 TIO : 1 PIO		12,500	
PL				1,500	
PL		1 PO : 1 PL		1,500	
QC				5,000	
QO				10,000	
RBR				50,000	
SI				6,000	
SI		1 SO : 1 SI		6,000	
SSF		130.13		20,000	
UX					
				3,500	
5Z				7,000	
6Z				3,000	
8A				3,000	
8B				3,500	
8E				7,000	
8F				7,000	
8X				3,500	
8Z				3,500	
9A		1 SGW : 1 9A		7,000	
9A				7,000	
9F				7,000	
A1	CFS	1 Q1 : 1 A1	1 Q1 : -1 CFS	2,000/10,000	
A1 A1	CIS	1 Q1 . 1 A1	1 (111013	2,000/10,000	
B4		4 110 4 22	4.110 4=:	10,000	
C6	TA	1 N8 : 1 C6	1 N8 : -1 TA	350/10,000	
C6				350	
C8	B4	1 N7 : 1 C8	1 N7 : -1 B4	3,500/10,000	
C8				3,500	
CFS				10,000	
CFS		1 TC : 1 CFS		10,000	
CFS		15D:1CFS		10,000	
CI				10,000	
CZ				10,000	
DSF				10,000	
DSF		1 PG : 1 DSF		10,000	
	DE		1 DI - 1 DE		
DT	PE	1 DI : 1 DT	1 DI : -1 PE	10,000/10,000	
DT				10,000	
DW				10,000	
E2				3,500	

FP				10,000	
GL				10,000	
НН		4 4D : 1 HH		12,000	
НН		1 E7 : 1 HH		12,000	
НН				12,000	
НН		1 KD : 1 HH		12,000	
НН		4 NN : 1 HH		12,000	
НН		4 6I : 1 HH		12,000	
НН		4 6J : 1 HH		12,000	
HHS		1 HB : 1 HHS		10,000	
HHS		1 5E : 1 HHS		10,000	
HHS		4.04.4.110		10,000	
HP	HP	1 G4 : 1 HP		12,000	
HP	HP	1 G2 : 1 HP		12,000	
HP HP	HP HP	1 G3 : 1 HP 1 G5 : 1 HP		12,000 12,000	
HP					
	HP	1 G6 : 1 HP		12,000	
HP HP	HP	1 G7 : 1 HP		12,000	
HP		1   N . 1   D		12,000	
HP HP		1 LN : 1 HP 4 NP : 1 HP		12,000	
HP		4 NP . 1 HP 4 QG : 1 HP		12,000	
J3	TR	1 B2 : 1 J3	1 B2 : -1 TR	12,000 3,500/10,000	
J3	IN	1 02 . 1 13	1 DZ1 IN		
J6	GL	1 S9 : 1 J6	1 S9 : -1 GL	3,500 3,500/10,000	
J6	GL	1 39 . 1 10	1 391 GL	3,500	
J7	ТВ	1 S7 : 1 J7	1 S7 : -1 TB	1,000/10,000	
J7	IB	13/.11/	13/116	1,000/10,000	
J8	FP	1 Q9 : 1 J8	1 Q9 : -1 FP	3,500/10,000	
J8	'''	1 Q5.130	143.111	3,500	
K6	ND	1 M6 : 1 K6	1 M6 : -1 ND	3,500/10,000	
K6	ND	1100.110	INO. IND	3,500	
K7	NU	1 M7 : 1 K7	1 M7 : -1 NU	750/10,000	
K7		±	1	750	
K8	SZ	1 M8 : 1 K8	1 M8 : -1 SZ	7,000/10,000	
K8	32	11101110	1	7,000	
К9	TE	1 M9 : 1 K9	1 M9 : -1 TE	3,500/10,000	
К9				3,500	
LAI		1 JKM : 1 LAI		10,000	
LAI				10,000	
M3	8X	1 C7 : 1 M3	1 C7 : -1 8X	750/3,500	
M3				750	
M4	8Z	1 C9 : 1 M4	1 C9 : -1 8Z	750/3,500	
M4				750	
MFS				10,000	
MFS		1 NF : 1 MFS		10,000	
MFS		1 4W : 1 MFS		10,000	
NB				10,000	
NB		1 PY: 1 NB		10,000	
ND				10,000	
NE				10,000	
NFS				10,000	
NFS		1 NL: 1 NFS		10,000	
NFS		1 5G: 1 NFS		10,000	
NG	NG	1 IA: 1 NG		12,000	
NG	NG	1 IB: 1 NG		12,000	
NG	NG	1 IC: 1 NG		12,000	
NG	NG	1 IE : 1 NG		12,000	
NG	NG	1 IM : 1 NG		12,000	
NG	NG	1 IZ : 1 NG		12,000	
NG		1 HHQ : 1 NG		12,000	
NG		4 MNG : 1 NG		12,000	
NG				12,000	
NG		1 ON: 1 NG		12,000	
NK				10,000	
NM				10,000	
NQ				10,000	

NR		1 ZR : 1 NR		10,000	
NS				10,000	
NS		1 ZN : 1 NS		10,000	
NS		1 5M: 1 NS		10,000	
NU				10,000	
NV				10,000	
NX				10,000	
NX		15N:1NX		10,000	
NZ				10,000	
NZ		1 TZ : 1 NZ		10,000	
OW	DW	1 IO: 1 OW	1 IO : -1 DW	10,000/10,000	
OW				10,000	
OX	PD	1 OI : 1 OX	1 OI : -1 PD	10,000/10,000	
OX				10,000	
PB				10,000	
PC		1 CW : 1 PC		10,000	
PC				10,000	
PD				10,000	
PD		15H:1PD		10,000	
PE				10,000	
PF				10,000	
PFS				10,000	
PFS		1 PM : 1 PFS		10,000	
PPM		1 PPB : 1 PPM		150	
PPM		1 PPD : 1 PPM		150	
PPM		1 PPE : 1 PPM		150	
PPM				150	
PW				10,000	
PX	NFS	1 IW : 1 PX	1 IW : -1 NFS	10,000/10,000	
PX				10,000	
Q7	T5	1 N6 : 1 Q7	1 N6 : -1 T5	3,500/10,000	
Q7				3,500	
SF	NS	1 IF : 1 SF	1 IF : -1 NS	10,000/10,000	
SF	205	4 111 4 611	4.11. 4.005	10,000	
SH	DSF	1 IH : 1 SH	1 IH : -1 DSF	10,000/10,000	
SH	<b>V</b> V	4.11.4.61	4.11. 4.307	10,000	
SJ	XX	1 IJ : 1 SJ	1 IJ : -1 XX	10,000/10,000	
SJ		1 PJ : 1 SJ		10,000	
SJ SK	PC	1 17 . 1 67	1 IK : -1 PC	10,000 10,000/10,000	
SK	FC	1 IK : 1 SK	TIKIPC	10,000/10,000	
SL	PFS	1 IL : 1 SL	1 IL : -1 PFS	10,000/10,000	
SL	FIS	116.136	1161713	10,000	
SM	XJ	1 IP : 1 SM	1 IP : -1 XJ	10,000/10,000	
SM	, TJ	1 PK : 1 SM	111 . 173	10,000	
SM		111.13141		10,000	
SN	HHS	1 IN : 1 SN	1 IN : -1 HHS	10,000/10,000	
SN	11113	1111.1311	1111. 1111.5	10,000	
SQ	NE	1 IQ : 1 SQ	1 IQ : -1 NE	10,000/10,000	
SQ				10,000	
SR	XR	1 IR : 1 SR	1 IR : -1 XR	10,000/10,000	
SR				10,000	
SS	NB	1 IS: 1 SS	1 IS : -1 NB	10,000/10,000	
SS				10,000	
ST	NZ	1 IT : 1 ST	1 IT : -1 NZ	10,000/10,000	
ST				10,000	
SU	NK	1 IU : 1 SU	1 IU : -1 NK	10,000/10,000	
SU				10,000	
SV	ХН	1 IV : 1 SV	1 IV : -1 XH	10,000/10,000	
SV		1 PU : 1 SV		10,000	
SV		-		10,000	
SX	NX	1 IX : 1 SX	1 IX : -1 NX	10,000/10,000	
SX				10,000	
SY	WFS	1 IY: 1 SY	1 IY : -1 WFS	10,000/10,000	
SY				10,000	
SZ				10,000	
T2	TX	1 Q2 : 1 T2	1 Q2 : -1 TX	750/10,000	

T2				750
T4	NQ	1 Q4 : 1 T4	1 Q4 : -1 NQ	1,000/10,000
T4				1,000
T5				10,000
Т6	CZ	1 Y6 : 1 T6	1 Y6 : -1 CZ	3,000/10,000
T6		4.1/7. 4.77	4.1/2 4.114	3,000
T7	NM	1 Y7 : 1 T7	1 Y7 : -1 NM	2,000/10,000
T7 T8	MFS	1 Y8 : 1 T8	1 VO - 1 MEC	2,000
T8	IVIF3	110.110	1 Y8 : -1 MFS	1,500/10,000 1,500
T9	9A	1 N5 : 1 T9	1 N5 : -1 9A	3,500/7,000
T9	571	1113.113	1113. 13/1	3,500
TA				10,000
ТВ				10,000
TE				10,000
TR				10,000
TX				10,000
TZ5				5,000
TZ6				10,000
TZS	TZ6	1 TZI : 1 TZS	1 TZI : -1 TZ6	5,000/ 10,000
TZS				1,000
U01-U31	•	4.70 4.110	4.70 4.01	12,000
U8	CI	1 Z8 : 1 U8	1 Z8 : -1 CI	300/10,000
U8 VS	PF	1 VI : 1 VS	1 VI. 1 DE	300 10,000/10,000
VS VS	PF	1 VI. 1 V3	1 VI : -1 PF	10,000/10,000
VX	PW	1 II : 1 VX	1 II : -1 PW	10,000/10,000
VX	1 **	111.1 VX	111. 11 W	10,000
W5	6Z	1 L4 : 1 W5	1 L4 : -1 6Z	3,500/3,000
W5				3,500
W9	РВ	1 V8 : 1 W9	1 V8 : -1 PB	1,500/10,000
W9				1,500
WFS		1 NW : 1 WFS		10,000
WFS		150:1WFS		10,000
WFS				10,000
X2	5Z	1 L2 : 1 X2	1 L2 : -1 5Z	6,000/7,000
X2				6,000
X3	8F	1 L7 : 1 X3	1 L7 : -1 8F	3,500/7,000
X3 X4	8E	1 C4 : 1 X4	1 C4 : -1 8E	3,500 750/7,000
X4 X4	OE	1 (4 . 1 / 4	1 C41 6E	750/7,000 750
X5	8A	1 C3 : 1 X5	1 C3 : -1 8A	750/3,000
X5	<b>57.</b>	100.17.0	100.107.	750
X8	8B	1 C2 : 1 X8	1 C2 : -1 8B	3,500/3,500
X8				3,500
XH		1 PH: 1 XH		10,000
XH		1 5K : 1 XH		10,000
XH				10,000
XJ		1 NH : 1 XJ		10,000
XJ		1 5F : 1 XJ		10,000
XJ				10,000
XN		4 ND - 4 VD		10,000
XR XR		1 NR : 1 XR 1 5I : 1 XR		10,000 10,000
XR		1 31 . 1 AN		10,000
XX		1 NJ : 1 XX		10,000
XX		2.00.2700		10,000
Y9	9F	1 N4:1 Y9	1 N4 : -1 9F	2,000/7,000
<b>Y</b> 9				2,000
1R				1,500
1R		1 1S:11R		1,500
3L				1,000
3M				1,000
3N				1,000
3P				1,000
3Q				1,000
3R				1,000

7E	PS	1 91 : 1 7E	1 91 : -1 PS	1,750/300	
7E		1 22 : 1 7E		1,750	
7E		10 MAE : 1 7E		1,750	
7E				1,750	
7Q		1 C5D : 1 7Q		2,000	
7Q		1 4I : 1 7Q		2,000	
7Q		1 RO : 1 7Q		2,000	
7Q		1110.170		2,000	
ار 8ا				2,000	
8K		1 CDD . 1 OV			
		1 CPB : 1 8K 1 CPR : 1 8K		2,000	
8K		1 CPR : 1 8K		2,000	
8K		4.000, 4.01		2,000	
8L		1 CGB : 1 8L		2,000	
8L				2,000	
8M		1 CBB : 1 8M		2,000	
8M				2,000	
9N		10 MAS : 1 9N		1,500	
9N				1,500	
В0	7E	1 31 : 1 B0	1 31 : -1 7E	2,000/1,750	
В0	PS	1 51 : 12.4 B0	151:-1 PS	2,000/300	
В0				2,000	
В0		1 C3D: 1 B0		2,000	
В0		1 4H: 1 B0		2,000	
В0		10 81 : 1 B0		2,000	
В0		180:1B0		2,000	
C0				2,000	
C0		1 4J:1 CO		2,000	
C0		1 8C : 1 CO		2,000	
CPP		100.100		1,000	
D0		1 C4D : 1 D0		2,000	
D0		1 (40 . 1 00			
		4.41/4.00		2,000	
D0		1 4K : 1 D0		2,000	
D0		1 8J : 1 D0		2,000	
GFS	VL	1 GFN : 1 GFS	1 GFN : -1 VL	1,000/1,000	
GT	GFS	1 ENF : 1 GT	1 ENF : -1 GFS	5,000/1,000	
MBE				6,000	
MBL				2,000	
MBN		1 MBB : 1 MBN		6,000	
MBN				6,000	
MNB				2,000	
PS		1 32 : 1 PS		300	
PS				300	
TY	GX	10 MUL: 1 TY	10 MUL: -1 GX	1,000/7,000	
HPE		1 HPD : 1 HPE		10,000	
HPE				10,000	
LPE		1 LEL : 1 LPE		10,000	
LPE				10,000	
P1				10,000	
P6				15,000	
PGP				3,000	
PPP				12,000	
PPP		1 PPW : 1 PPP		12,000	
1Y		I F F W . I F F F		35,000	
		1 25 . 1 17			
1Y		1 2F : 1 1Y		1,500	
1Z		4 201 4 4 7		40,000	
1Z		1 2H : 1 1Z		1,500	
2D		, a		300,000	
2D		1 2J : 1 2D		14,000	
<b>2</b> E				400,000	
<b>2</b> E		1 2K : 1 2E		15,000	
2N				2,000	
2P				2,000	
2Q				750	
2R				900	
2W				30,000	
2X				35,000	
2Y				10,000	
				•	

_		
3D		15,000
3X	1 2Z : 1 3X	14,000
3X		300,000
46		200,000
47		9,000
49		9,000
4L		14,000
4M		280,000
4N		9,000
4P		100,000
4Q		5,000
4R		70,000
	1 27 . 1 AV	
4X	1 3Z : 1 4X	1,500
4X		35,000
50		200,000
55		3,500
58		70,000
5X	1 4Z : 1 5X	15,000
5X		400,000
9X	1 CSZ : 1 9X	40,000
9X		40,000
9X	1 9Z : 1 9X	1,500
A3		100,000
AEF		100,000
AEX		15,000
AFP		7,500
ALF		7,500
ALP		1,000
AOD		1,000
AOM		35,000
APF		100,000
APP		15,000
AXP		1,000
D5		7,000
D6		100,000
D7	2242 427	10,000
D7	2 PAP : 1 D7	10,000
D8		14,000
D9		250,000
DMO		200,000
DMP		16,000
DO		5,000
DSO		400,000
DSP		20,000
E3		14,000
E4		300,000
E4	2 PWO : 1 E4	300,000
E8		100,000
E9		9,000
EHE		17,500
EHF		700
EHP		280,000
EHW		14,000
EJ		2,250
EJ	195 H4 : 1 EJ	2,250
EM	133 1111 23	3,500
EM	10.65 H3 : 1 EM	3,500
EM	1 OEM : 1 EM	3,500
EM	1 OY : 1 EM	3,500
	I OT . I EIVI	
ERA		105,000
ERE		21,000
ERP		17,500
ERU		350,000
ERW		1,050
EUE		7,000
EUP		5,250
EUW		350

EWE		8,750
EWF		7,000
EWK		140,000
EWW		350
F2		100,000
F4		100,000
F5		100,000
FDM	1 FAD : 1 FDM	420,000
FDM		420,000
FTM	1 FTD : 1 FTM	280,000
	IIID.IIIIV	280,000
FTM		·
H2		250,000
H5		25,000
HJ		3,500
HM		3,500
НМО		31,500
HMW		1,750
I1		20,000
11	1   3 : 1   1	20,000
12	113.111	300,000
	414.419	
12	1  4 : 1  2	300,000
15		20,000
15	1   7 : 1   5	20,000
16		350,000
16	1 18 : 1 16	350,000
19		7,500
19	1 K1 : 1 I9	7,500
J1	111.115	100,000
	4.844 . 4.14	
J1	1 M1 : 1 J1	100,000
J2		9,000
J2	1 JCL : 1 J2	9,000
J4		50,000
J4	2 PWP : 1 J4	50,000
JM	1.0625 4S : 1 JM	7,000
JM	1.0625 J01-J31 : 1 JM	7,000
JM	21.25 JD : 1 JM	7,000
	21.25 JD . 1 JIVI	
JM		7,000
JM	1 JO : 1 JM	7,000
JM	10.625 L1 : 1 JM	7,000
JM	1 PML : 20 JM	7,000
JM	1 60 : 1 JM	7,000
JP		4,500
JP	195 N9 : 1 JP	4,500
JP	1 N9P : 10 JP	4,500
JP	390 WOR : 1 JP	4,500
	390 WON . 1 JF	
K2	40.414.4144	150,000
KA	10 AN : 1 KA	3,000
KA	5 K3 : 1 KA	3,000
KA		3,000
KA	5 9T : 1 KA	3,000
КВ	195 K4 : 1 KB	1,000
КВ		1,000
KB	24.375 ZAO : 1 KB	1,000
KG	10 GN : 1 KG	2,000
KG	10 SW. 1 NO	2,000
	F T2 - 1 KC	· · · · · · · · · · · · · · · · · · ·
KG	5 T3 : 1 KG	2,000
KG	5 9U : 1 KG	2,000
KH	195 D2 : 1 KH	700
KH		700
KH	24.375 ZGO : 1 KH	700
KI	390 IDO : 1 KI	1,500
KI		1,500
KJ	5 D3 : 1 KJ	3,000
KJ	10 JN : 1 KJ	3,000
KJ		3,000
KJ	5 9V : 1 KJ	3,000
KK	195 D4 : 1 KK	1,500

_		
KK		1,500
KK	24.375 ZJO : 1 KK	1,500
L3		625,000
L3	2 PNO : 1 L3	625,000
L5		9,000
L6		9,000
L6	1 PSG : 1 L6	9,000
L8	1130.120	14,000
L9		
		125,000
Ш		3,500
LM		3,500
MOD	1 DOD : 1 MOD	1,190,000
MOD		1,190,000
MOR	1 DOR : 1 MOR	770,000
MOR		770,000
MPD	1 DPD : 1 MPD	70,000
MPD		70,000
MPR	1 DPR : 1 MPR	49,000
MPR		49,000
N1		9,000
N1	1 R1 : 1 N1	9,000
N3	1111111	37,500
N3 N3	2 DND - 1 N2	
	2 PNP : 1 N3	37,500
NI	21.25 CE : 1 NI	1,500
NI	1 NEL : 1 NI	1,500
NI		1,500
NI	1 OE : 1 NI	1,500
NI	10.625 U6 : 1 NI	1,500
NNC		1,400
NRS		2,800
01		150,000
01	1 R4 : 1 O1	150,000
OFM	1 OFD : 1 OFM	25,000
OFM	1010.1011	500,000
OJ		3,500
OM		
	4.000 . 4.0044	3,500
OPM	1 OPD : 1 OPM	2,000
ОРМ		40,000
P2		14,000
Р3		250,000
P4		7,000
P5		125,000
P7		14,000
P8		250,000
Р9		7,000
PDM	1 PDD : 1 PDM	25,000
PDM		25,000
PTM	1 PTD : 1 PTM	35,000
PTM		35,000
Q5		7,000
Q8		100,000
R3		250,000
R5		14,000
R6		14,000
R7	2 PEO : 1 R7	175,000
R7		175,000
R8	1 PEP : 1 R8	9,000
R8		9,000
S4		14,000
U1		280,000
U2		7,000
U3		100,000
U4		7,000
U5		100,000
UM	10.65 B3 : 1 UM	5,000
UM	1 OU : 1 UM	5,000
UM	1 PJH : 20 UM	5,000

UM		1 PJN : 20 UM		5,000	
UM		21.25 UD : 1 UM		5,000	
UM		21.23 00 . 1 0101			
		105.05.1110		5,000	
UO		195 B6 : 1 UO		4,000	
UO		390 NOC : 1 UO		4,000	
UO				4,000	
VM		1 OT : 1 VM		1,000	
VM		1 PJD : 20 VM		1,000	
VM		1 PJP : 20 VM		1,000	
VM		21.25 VD : 1 VM		1,000	
VM		21.25 VD . 1 VIVI			
		10.635.70 - 1.484		1,000	
VM		10.625 Z9 : 1 VM		1,000	
VP		390 AOR : 1 VP		1,000	
VP		195 V3 : 1 VP		1,000	
VP				1,000	
W2				100,000	
W4				250,000	
W6				100,000	
X1				150,000	
Y1				9,000	
	CV.	4.1/5 . 4.4.4	40 KF - 4 GV		
1A	GX	1 KE : 1 1A	10 KE : -1 GX	3,500/7,000	
1A				3,500	
1N	7H	1 EWG : 8.333 1N	1 EWG : -1 7H	7,000/ 3,500	
1N	BZ	1 1NB : 1 1N	1 1NB : -1 BZ	7,000/20,000	
1N	DC	1 1ND : 1 1N	1 1ND : -1 DC	7,000/10,000	
1N	DOO	1 DNB : 1 1N	1 DNB : -1 DOO	7,000/20,000	
1N				7,000	
1N		1 1N5 : 1 1N		7,000	
1N		1 1P : 1 1N		7,000	
1Q	23	1 1U : 1 1Q	1 1U : -1 23	2,000/7,000	
1Q				2,000	
1T	GX	1 1V : 1 1T	1 1V : -1 GX	350/7,000	
1T				350	
1W				350	
1W		1 FOB : 1 1W		350	
1X				1,000	
23	26	1 1H:1 23	1 1H : -1 26	7,000/20,000	
23	26	1 3W : 1 23	1 3W : -1 26	7,000/20,000	
23	26	1 HK : 1 23	1 HK : -1 26	7,000/20,000	
23	BZ	1 HOB : 1 23	1 HOB : -1 BZ	7,000/20,000	
23	GX	1 HA: 123	7.45 HA: -1 GX	7,000/7,000	
23		1 1G:123		7,000	
23				7,000	
23		1 AT: 123		7,000	
23		1 MP : 1 23		7,000	
24		11411 . 123		3,500	
25				3,500	
27	23	1 RH : 1 27	1 RH : -1 23	7,000/7,000	
27	26	1 1E : 1 27	1 1E : -1 26	7,000/20,000	
27	26	1 3Y: 1 27	1 3Y:-1 26	7,000/20,000	
27	26	1 RM : 1 27	1 RM : -1 26	7,000/20,000	
27	7H	1 EXR: 8.333 27	1 EXR : -1 7H	7,000/3,500	
27	7H	1 XER: 127	8.333 XER : -1 7H	7,000/3,500	
27	BZ	1 RBB : 1 27	1 RBB : -1 BZ	7,000/20,000	
27	52		INDD. IDE	7,000	
		1 1D : 1 27		·	
27				7,000	
27		1 RA: 127		7,000	
27		1 RL: 1 27		7,000	
2C	27	1 3C:1 2C	1 3C : -1 27	7,000/7,000	
2C				7,000	
2G				1,500	
2G		1 6G : 1 2G		1,500	
2L	GX	1 LE : 1 2L	10 LE : -1 GX	750/7,000	
	OA.	1 LL . 1 ZL	10 LL1 QA		
2L	25	0.00.000 :	4.000 4.==	750	
3G	BB	8.33 GKS : 1 3G	1 GKS : -1 BB	1,500/20,000	
3G				1,500	
3G		1 8G : 1 3G		1,500	

4C 7,000 4G 750 4G 750 4G 16D:14G 750 4U 23 17U:14U 17U:-123 10,000/7,00 4U 10,000 4Y 23 15U:14Y 15U:-123 5,000/7,000 5Y 23 17Y:15Y 17Y:-123 10,000/7,00 5Y 23 1ULB:15Y 1ULB:-123 10,000/7,00 5Y 23 1ULB:15Y 1 ULB:-123 10,000/7,00 5Y 70 18D:17D 1,500 7D 7D 18D:17D 1,500 7F 7,000 7H BZ 8.33 7I:17H 17I:-1BZ 3,500/20,00 7H BZ 8.33 7K:17H 17K:-1BZ 3,500/20,00					
46 46 47 40 23 170:140 170:123 10,0007,00 40 41 42 23 15U:14Y 15U:123 10,0007,00 41 42 23 17V:15Y 17V:123 10,0007,00 57 57 23 10,0007,00 70 70 70 71 82 83,371:17H 171:182 3,500,720,00 7H 82 83,371:17H 171:182 3,500,720,00 7H 82 182:17H 182:17H 182:17H 182 3,500,720,00 7H 82 183:17H 178:-182 3,500,720,00 7H 82 1608:17H 168:17H 3,500 7H 17R:17H 17R:-17H 3,500 7H 17R:-17H 17R:-17H 3,500 7H 17R:-17H 17R:-17H 3,500 7D 7D 17S:-17P 1,500 7D 17S:-17P 1,500 7D 17S:-17P 1,500 7D 7D 10D 10D 10D 10D 10D 10D 10D 10D 10D 10	4C	23	1 5C : 1 4C	1 5C : -1 23	7,000/7,000
4G	4C				7,000
4U 23 17U:14U 17U:-123 10,0007,00 4V 23 15U:14Y 15U:-123 5,0007,00 4Y 23 15U:14Y 15U:-123 10,0007,00 5Y 23 17V:15Y 17Y:-123 10,0007,00 5Y 23 1ULB:15Y 1ULB:-123 10,0007,00 7D 18D:17D 1,500 7D 7D 18D:17D 1,500 7F 7F 70 1,500 7H 8Z 8,337K:17H 17K:-18Z 3,500/20,00 7H 8Z 8,337K:17H 17K:-18Z 3,500/20,00 7H 8Z 16D:17H 1AES:-8,333 8Z 3,500/20,00 7H 8Z 16D:17H 1EOB:-8,333 8Z 3,500/20,00 7H 8Z 16D:17H 1COB:-8,333 8Z 3,500/20,00 7H 17R:-17H 3,500 7H 10MC0-17H 3,500 7D	4G				750
AU	4G		1 6D : 1 4G		750
AY	4U	23	1 7U : 1 4U	1 7U : -1 23	10,000/7,000
AY	4U				10,000
5Y         23         1 TY: 1 SY         1 TY: -1 23         10,000/7,00           5Y         10,000         10,000         10,000         10,000         10,000         10,000         10,000         10,000         1,500         1,500         1,500         1,500         1,500         1,500         7,000	4Y	23	1 5U : 1 4Y	1 5U : -1 23	5,000/7,000
5Y         23         1 ULB: 1 5Y         1 ULB: -1 23         10,0007,00           7D         1,500         1,500           7D         1,500         1,500           7D         1,500         1,500           7H         BZ         8,33 7K: 17H         1 7I: -1 BZ         3,500/20,00           7H         BZ         1,851: 17H         1 1 KE: -8,333 BZ         3,500/20,00           7H         BZ         1,668: 17H         1 KE: -8,333 BZ         3,500/20,00           7H         BZ         1,668: 17H         1 KE: -8,333 BZ         3,500/20,00           7H         1,700         3,500         3,500           7H         1,701         1,701         3,500           7H         1,701         1,701         3,500           7H         1,702         3,700         3,700           7H         1,702         3,700         1,700           7D         1,702         3,700	4Y				5,000
5Y         10,000           7D         1,500           7D         1,500           7F         7,000           7H         8Z           8.33 7K: 17H         17I: 1BZ           7H         BZ           8BZ         1,651: 17H           7H         BZ           1 EOB: 17H         1 AES: 8.333 BZ           3,500/20,00           7H         BZ           1 FOR: 17H         1 AES: 8.333 BZ           3,500/20,00           7H         1 GBR: 17H           1 GBR: 17H         3,500           7H         1 GBR: 17H           1 GBR: 17H         3,500           7H         1 GBR: 17H           3,500         3,500           7H         1 GBR: 17H           1 GBR: 17H         3,500           7H         1 GBR: 17H           1	5Y	23	1 7Y:1 5Y	1 7Y : -1 23	10,000/7,000
7D 7	5Y	23	1 ULB: 15Y	1 ULB : -1 23	10,000/7,000
TD	5Y				10,000
7F 7H 8Z 8.33 71: 17H 171: 18Z 3.500/20,00 7H 8Z 1 AES: 17H 17K: -1 BZ 3.500/20,00 7H 8Z 1 COB: 17H 1 COB: -1 AES: -8.333 BZ 3.500/20,00 7H 8Z 1 COB: 17H 1 COB: -8.333 BZ 3.500/20,00 7H 1 BZ 1 COB: 17H 1 COB: -8.333 BZ 3.500/20,00 7H 1 17K: -1 BZ 3.500 7H 1 17K: -1 TH 3.500 7H 1 10 MEO: 17H 3.500 7L 7L 7L 7L 7L 7L 7L 7S 7D 7D 7D 7D 7D 7D 8N MM 1 NYH: 18N 1 NYH: -1 MM 5,000/10,00 8N 8N 1 NYB: 18N 5,000 8N 8N 1 NYB: 18N 5,000 8N 8N 1 NYB: 18N 7,000 AS 5 1 DAP: 1 AS 7,000 AS 6 1 DAP: 1 AS 7,000 AS 7,000 AF 23 1 JB: 1 AB: 1 AP 1 JB: -1 Z3 7,000/7,00 AP					1,500
7H         BZ         8.33 7I: 17H         17I: 1BZ         3,500/20,00           7H         BZ         8.33 7K: 17H         17K: -1BZ         3,500/20,00           7H         BZ         1 AES: 17H         1 AES: -8.333 BZ         3,500/20,00           7H         BZ         1 EOB: 17H         1 EOB: -8.333 BZ         3,500/20,00           7H         17H         1 GBR: 17H         3,500           7H         1 GBR: 17H         3,500           7D         1 GBR: 17H         1 TW: -123			18D:17D		
7H         BZ         8.33 7K:17H         1 7K:-1BZ         3,500/2,0,0           7H         BZ         1 AES:17H         1 AES:-8.333 BZ         3,500/2,0,0           7H         BZ         1 EOB::17H         1 EOB:-8.333 BZ         3,500/2,0,0           7H         1 TR::17H         3,500         3,500           7H         1 GBR::17H         3,500         3,500           7H         1 GBR::17H         3,500         7,000           7H         1 GBR::17H         3,500         7,000           7H         1 GBR::17H         3,500         7,000           7L         1 7N::17L         750         750         7,000 <td></td> <td></td> <td></td> <td></td> <td></td>					
7H         BZ         1 AES:17H         1 AES:-8.333 BZ         3,500/20,00           7H         BZ         1 EOB:17H         1 EOB:-8.333 BZ         3,500/20,00           7H         1 7R:17H         3,500         3,500           7H         1 GBR:17H         3,500           7D         7D         750           7L         1 7N:17L         750           7O         23         1 7W:17O         1 7W:-123         7,000/7,00           7D         1,500         7,000         <					3,500/20,000
7H         BZ         1 EOB: 17H         1 EOB: -8.333 BZ         3,500/20,00           7H         1 7R: 17H         3,500           7H         1 GBR: 17H         3,500           7H         1 GBR: 17H         3,500           7H         10 MEO: 17H         3,500           7L         1 7N: 17L         750           7C         23         1 7W: 17O         1 7W: -123         7,000/7,00           7D         70         7,000         7,000         7,000           7P         1 7S: 17P         1,500         1,500           8N         MM         1 NYH: 18N         1 NYH: -1 MM         5,000           8N         1 NYB: 18N         5,000         5,000           8N         1 NYB: 18N         5,000         7,000           A5         1 DAP: 1 AS         7,000/7,00         7,000           A5         1 DAP: 1 AS         7,000/7,00         7,000           A7         23         1 AG: 1 A7         1 AG: -1 23         7,000/7,00           A7         23         1 GBA: 1 AF         1 GBA: -1 23         7,000/7,00           AF         23         1 GBA: 1 AF         1 GBA: -1 23         7,000/7,00           AF </td <td></td> <td></td> <td></td> <td></td> <td>3,500/20,000</td>					3,500/20,000
7H         3,500           7H         1 GBR: 17H         3,500           7H         1 GBR: 17H         3,500           7H         10 MEO: 17H         3,500           7L         1 7N: 17L         750           7O         23         1 7W: 17O         1 7W: -123         7,000/7,00           7P         1,500         7,000         7,000           7P         1,500         1,500         1,500           8N         MM         1 NYH: 18N         1 NYH: -1 MM         5,000/10,00           8N         1 NYB: 18N         5,000         7,000           A5         1 DAP: 1 AS         7,000         7,000           A5         1 DAP: 1 AS         7,000         7,000           A7         23         1 A6: 1 A7         1 A6: -1 23         7,000/7,00           A9         27         1 A8: 1 A9         1 A8: -1 27         7,000/7,00           AF         23         1 GBA: 1 AF         1 GBA: -1 23         7,000/7,00           AF         23         1 GBA: 1 AF         1 GBA: -1 23         7,000/7,00           AF         23         1 GBA: 1 AF         1 GBA: -1 23         1,000/7,00         1,000/7,00           AJ </td <td></td> <td></td> <td></td> <td></td> <td>3,500/20,000</td>					3,500/20,000
7H         1 7R:17H         3,500           7H         1 GBR:17H         3,500           7H         10 MEO:17H         3,500           7L         750         750           7C         23         1 7W:17C         1 7W:-123         7,000/7,00           7O         23         1 7W:17O         1 7W:-123         7,000/7,00           7P         1,500         7,000         7,000         7,000           7P         1,500         1,500         1,500         1,500           8N         MM         1 NYH:18N         1 NYH:1MM         5,000/10,00         5,000           8N         1 NYB:18N         5,000         7		BZ	1 EOB : 1 7H	1 EOB : -8.333 BZ	
7H         1 GBR:17H         3,500           7H         10 MEO:17H         3,500           7L         17N:17L         750           7O         23         1 7W:17O         1 7W:-123         7,000/7,00           7P         1,500         7,000         7,000         7,000           7P         1 7S:17P         1,500         8N         5,000         8N         5,000         8N         5,000         7,					
7H         10 MEO:17H         3,500           7L         17N:17L         750           7O         23         17W:17O         17W:-123         7,000/7,000           7O         23         17W:17O         17W:-123         7,000/7,000           7P         1.500         7,000         1,500         1,500           7P         1.7S:17P         1,500         5,000         5,000           8N         MM         1 NYH:18N         1 NYH:-1 MM         5,000/10,00           8N         1 DAP:1AS         7,000         7,000           A5         1 DAP:1AS         7,000         7,000           A7         23         1 A6:1A7         1 A6:-123         7,000/7,00           A7         23         1 GBA:1AF         1 GBA:-127         7,000/7,00           A9         27         1 A8:1A9         1 A8:-127         7,000/7,00           AF         23         1 GBA:1AF         1 GBA:-123         7,000/7,00           AF         23         1 GBA:1AF         1 GBA:-123         7,000/7,00           AJ         23         1 GBD:1AJ         1 GUD:-123         10,000/7,00           AJ         23         1 GUD:1AJ         1 GUD:-123					
7L					
7L         17N:17L         750           7O         23         17W:17O         17W:123         7,000/7,00           7D         7,000         7,000         7,000         7,000           7P         175:17P         1,500         1,500         1,500           8N         MM         1 NYH:18N         1 NYH:-1 MM         5,000/10,00         5,000           8N         1 NYB:18N         5,000         7,000			10 MEO : 1 7H		
70 23 17W:17O 17W:-123 7,000/7,00 70 70 70 70 7,000 77P 1,500 1,500 78N MM 1 NYH:18N 1 NYH:-1 MM 5,000/10,00 8N 5,000 8SN 5,000 A5 7,000 A5 1 DAP:1A5 7,000 A7 23 1A6:1A7 1A6:-123 7,000/7,00 A7 23 1A6:1A7 1A6:-123 7,000/7,00 A7 23 1A6:1A7 1A6:-123 7,000/7,00 A9 27 1A8:1A9 1A8:-127 7,000/7,00 AF 23 1GBA:1AF 1GBA:-123 7,000/7,00 AF 23 1GBA:1AF 1GBA:-123 7,000/7,00 AF 23 1GBA:1AF 1GBC:-123 10,000/7,00 AF 23 1GUD:1AJ 1GUD:-123 10,000/7,00 AJ 23 1GUD:1AJ 1GUD:-123 10,000/7,00 AJ 23 1GS:1AJ 1US:-123 10,000/7,00 AJ 23 1US:1AJ 1US:-123 10,000/7,00 AJ 26 1CF:1AJ 1CF:-126 10,000/20,00 AW 26 1CK:1AW 1CF:-126 7,000/20,00 AW 27 1UZ:1AW 1UZ:-127 7,000/7,00 AW 27 1UZ:1AW 1UZ:-127 7,000/7,00 BG BG BG 1GXC:1BG 5,000 BG BG BG 1GXC:1BG			, =-		
70 77 78 79 79 175:17P 175:17P 1,500 8N MM 1 NYH:18N 1 NYH:1 MM 5,000/10,00 8N 8N 8N 1 NYB:18N 5,000 A5 A5 1 DAP:1A5 7,000 A7 A7 23 1 A6:1A7 1 A6:-123 7,000/7,00 A9 27 1 A8:1A9 1 A8:-127 7,000 A9 AF 23 1 GBA:1AF 1 GBA:-123 7,000/7,00 AF 23 1 JU:1AF 1 JU:-123 7,000/7,00 AF A7 A1 23 1 GUD:1AJ 1 GUD:-123 10,000/7,00 AJ 23 1 US:1AJ 1 US:-123 1 10,000/7,00 AJ 23 1 US:1AJ 1 US:-123 1 10,000/7,00 AJ 23 1 US:1AJ 1 US:-123 1 10,000/7,00 AJ 24 25 1 CK:1AW 1 CK:-126 7,000 BG BG BG BG BG 1 GXA:1BG BG BG BG 1 GXA:1BG BG BG BG BG 1 GXM:1BG BG BG BG BG BG 1 GXM:1BG BG BG BG BG BG 1 GXM:1BG BG B		0.5		4 7047	
7P         1,500           7P         1,500           8N         MM         1,NTH:18N         1,NYH:-1 MM         5,0000/10,00           8N         1,NYB:18N         5,000         5,000           A5         1,DAP:1A5         7,000           A7         23         1,A6:1A7         1,A6:-123         7,000/7,00           A7         23         1,A8:1A9         1,A8:-127         7,000/7,00           A9         27         1,A8:1A9         1,A8:-127         7,000/7,00           AF         23         1,GBA:1AF         1,GBA:-123         7,000/7,00           AF         23         1,GBA:1AF         1,GBA:-123         7,000/7,00           AF         23         1,GUD:1AJ         1,GUD:-123         10,000/7,00           AF         23         1,GUD:1AJ         1,GUD:-123         10,000/7,00           AJ         23         1,GUD:1AJ         1,GUD:-123         10,000/7,00           AJ         26         1,CF:1AJ         1,CF:-126         10,000/7,00           AW         26         1,CK:1AW         1,CK:-126         7,000/2,00           AW         27         1,UZ:1AW         1,UZ:-127         7,000/7,00 <td< td=""><td></td><td>23</td><td>1 7W : 1 7O</td><td>1 7W : -1 23</td><td></td></td<>		23	1 7W : 1 7O	1 7W : -1 23	
7P         17S:17P         1,500           8N         MM         1 NYH:18N         1 NYH:-1 MM         5,000/10,00           8N         5,000         5,000         5,000         5,000           8N         1 NYB:18N         5,000         5,000           A5         1 DAP:1A5         7,000           A7         23         1 A6:1A7         1 A6:-123         7,000/7,000           A9         27         1 A8:1A9         1 A8:-127         7,000/7,00           A9         27         1 A8:1AF         1 GBA:-123         7,000/7,00           AF         23         1 JU:1AF         1 JU:-123         7,000/7,00           AF         23         1 GUD:1 AJ         1 GUD:-123         10,000/7,00           AF         23         1 GUD:1 AJ         1 US:-123         10,000/7,00           AJ         23         1 GUD:1 AJ         1 US:-123         10,000/7,00           AJ         23         1 US:-1 AJ         1 US:-123         10,000/7,00           AJ         26         1 CF: 1 AJ         1 CF:-126         10,000/7,00           AW         26         1 CK: 1 AW         1 CK:-126         7,000/7,00           AW         27					
8N         MM         1 NYH: 18N         1 NYH: -1 MM         5,000/10,00           8N         5,000         5,000         5,000           A5         7,000         7,000         7,000         7,000         7,000           A7         23         1 A6: 1 A7         1 A6: -1 23         7,000/7,00           A7         23         1 A8: 1 A9         1 A8: -1 27         7,000/7,00           A9         7,000					
8N       1 NYB: 18N       5,000         AS       7,000         A5       1 DAP: 1 A5       7,000         A7       23       1 A6: 1 A7       1 A6: -1 23       7,000/7,000         A7       27       1 A8: 1 A9       1 A8: -1 27       7,000/7,000         A9       7,000 <td></td> <td></td> <td></td> <td>4 5 10 11 1 4 5 5 5 6</td> <td></td>				4 5 10 11 1 4 5 5 5 6	
8N		MM	1 NYH : 1 8N	1 NYH : -1 MM	
A5 A5 A5 A5 A6:1 DAP:1 A5 A6:1 A7 A7 A7 A8:1 A9 A8:1 A9 A8:1 A9 A8:1 A8:1 A9 A8:1 A8:1 A9 A9 A7 A8 A8 A8 A9					
A5			1 NYB : 1 8N		
A7 23 1 A6:1A7 1 A6:-123 7,000/7,000 A7 7,000 A9 27 1 A8:1A9 1 A8:-127 7,000/7,000 A9 7,000 AF 23 1 GBA:1AF 1 GBA:-123 7,000/7,000 AF 23 1 JU:1AF 1 JU:-123 7,000/7,000 AF 23 1 GUD:1AJ 1 GUD:-123 10,000/7,000 AJ 23 1 GUD:1AJ 1 US:-123 10,000/7,000 AJ 23 1 US:1AJ 1 US:-123 10,000/7,000 AJ 26 1 CF:1AJ 1 CF:-126 10,000/20,000 AW 26 1 CK:1AW 1 CK:-126 7,000/20,000 AW 27 1 UZ:1AW 1 UZ:-127 7,000/7,000 BG BG BG 1 GXA:1BG 5,000 BG BG BG 1 GXC:1BG 5,000 BG BG BG 1 GXX:1BG 7,000 BH 1 LB:1BH 7,000 BH 7,000 CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,00 CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000			4.545.445		
A7 A9 A9 A7 A9 A9 A7 A9 A8:1A9 A8:127 A,000/7,000 A9 AF		22		4.46 4.00	· ·
A9 27 1 A8:1 A9 1 A8:-1 27 7,000/7,000 A9 7,000 AF 23 1 GBA:1 AF 1 GBA:-1 23 7,000/7,000 AF 23 1 JU:1 AF 1 JU:-1 23 7,000/7,000 AF 7,000 AJ 23 1 GUD:1 AJ 1 GUD:-1 23 10,000/7,000 AJ 23 1 US:1 AJ 1 US:-1 23 10,000/7,000 AJ 26 1 CF:1 AJ 1 CF:-1 26 10,000/20,000 AW 26 1 CK:1 AW 1 CK:-1 26 7,000/20,000 AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000 BG BG BG 1 GXA:1 BG 5,000 BG BG BG 1 GXX:1 BG 5,000 BG TF8:1 BG 5,000 BG TF8:1 BG 5,000 BH 7,000		23	1 A6 : 1 A7	1 A6 : -1 23	
A9  AF 23		27	4.40 . 4.40	4.40 . 4.27	· ·
AF 23 1 GBA:1 AF 1 GBA:-1 23 7,000/7,000 AF 23 1 JU:1 AF 1 JU:-1 23 7,000/7,000 AF 7,000 AJ 23 1 GUD:1 AJ 1 GUD:-1 23 10,000/7,000 AJ 23 1 US:1 AJ 1 US:-1 23 10,000/7,000 AJ 26 1 CF:1 AJ 1 CF:-1 26 10,000/20,000 AJ 26 1 CK:1 AW 1 CK:-1 26 7,000/20,000 AW 26 1 CK:1 AW 1 UZ:-1 27 7,000/7,000 AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000 BG BG BG 1 GXA:1 BG 5,000 BG BG BG 1 GXX:1 BG 5,000 BG BG 1 GXX:1 BG 5,000 BG BG 1 GXX:1 BG 5,000 BG 5,000 BG 5,000 BG 5,000 BG 5,000 BG 5,000 BG 7,000 BH 7,000 CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,000 CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000		27	1 A8 : 1 A9	1 A8 : -1 2/	
AF 23		22	4.004.4.5	4.004 4.00	
AF AJ					
AJ 23 1 GUD:1 AJ 1 GUD:-1 23 10,000/7,000 AJ 23 1 US:1 AJ 1 US:-1 23 10,000/7,000 AJ 26 1 CF:1 AJ 1 CF:-1 26 10,000/20,000 AW 26 1 CK:1 AW 1 CK:-1 26 7,000/20,000 AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000 BG BG BG 1 GXA:1 BG 5,000 BG BG BG 1 GXX:1 BG 5,000 BG 5,000 BG 7,000 BH 1 LB:1 BH 7,000 CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,000 CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000		23	1 JU : 1 AF	1 JU : -1 23	
AJ 23 1 US: 1 AJ 1 US: -1 23 10,000/7,000 AJ 26 1 CF: 1 AJ 1 CF: -1 26 10,000/20,000 AW 26 1 CK: 1 AW 1 CK: -1 26 7,000/20,000 AW 27 1 UZ: 1 AW 1 UZ: -1 27 7,000/7,000 BG BG BG 1 GXA: 1 BG 5,000 BG BG BG 1 GXC: 1 BG 5,000 BG BG BG 1 GXX: 1 BG 5,000 BG BG BG 1 GXZ: 1 BG 7,000 BG BG BG 1 GXZ: 1 BG 7,000 BG 5,000 BG 7,000 BH 1 LB: 1 BH 7,000 BH 2 QH: 1 BH 7,000 CBO 26 1 CBC: 1 CBO 1 CBC: -1 26 10,000/20,000 CBO 27 1 CBA: 1 CBO 1 CBA: -1 27 10,000/7,000		22	1 CUD : 1 AI	1 CUD : 1 22	
AJ 26 1 CF:1 AJ 1 CF:-1 26 10,000/20,01 AJ 10,000  AW 26 1 CK:1 AW 1 CK:-1 26 7,000/20,00  AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000  BG BG BG 1 GXA:1 BG 5,000  BG BG BG 1 GXC:1 BG 5,000  BG BG BG 1 GXX:1 BG 5,000  BG BG BG 1 GXZ:1 BG 5,000  BG 5,000  BG 7,000  BH 1 LB:1 BH 7,000  BH 2 QH:1 BH 7,000  CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,000  CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000					
AJ 10,000  AW 26 1 CK:1 AW 1 CK:-1 26 7,000/20,00  AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000  AW 7,000  BG BG BG 1 GXA:1 BG 5,000  BG BG BG 1 GXC:1 BG 5,000  BG BG BG 1 GXX:1 BG 5,000  BG 5,000  BG 5,000  BH 1 1 LB:1 BH 7,000  BH 2 QH:1 BH 7,000  CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,000  CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000					
AW 26 1 CK: 1 AW 1 CK: -1 26 7,000/20,00 AW 27 1 UZ: 1 AW 1 UZ: -1 27 7,000/7,000 BG BG BG 1 GXA: 1 BG 5,000 BG BG BG 1 GXE: 1 BG 5,000 BG BG BG 1 GXZ: 1 BG 5,000 BG 5,000 BG 7,000 BH 1 1 LB: 1 BH 7,000 BH 2 QH: 1 BH 7,000 CBO 26 1 CBC: 1 CBO 1 CBC: -1 26 10,000/20,000 CBO 27 1 CBA: 1 CBO 1 CBA: -1 27 10,000/70,000		26	I CF : I AJ	1 CF :-1 26	
AW 27 1 UZ:1 AW 1 UZ:-1 27 7,000/7,000  AW 7,000  BG BG BG 1 GXA:1 BG 5,000  BG BG BG 1 GXC:1 BG 5,000  BG BG BG 1 GXX:1 BG 5,000  BG 5,000  BG 5,000  BH 1 1 LB:1 BH 7,000  BH 2 QH:1 BH 7,000  CBO 26 1 CBC:1 CBO 1 CBC:-1 26 10,000/20,000  CBO 27 1 CBA:1 CBO 1 CBA:-1 27 10,000/7,000		26	1 CV . 1 AVA	1 CV + 1 36	
AW  BG  BG  BG  BG  BG  BG  BG  BG  BG  B					
BG       BG       1 GXA: 1 BG       5,000         BG       BG       1 GXB: 1 BG       5,000         BG       BG       1 GXC: 1 BG       5,000         BG       BG       1 GXX: 1 BG       5,000         BG       BG       1 GXZ: 1 BG       5,000         BG       BG       1 F8: 1 BG       5,000         BH       T,000       T,000       T,000         BH       1 LB: 1 BH       7,000         BH       2 QH: 1 BH       7,000         CBO       26       1 CBC: 1 CBO       1 CBC: -1 26       10,000/20,00         CBO       27       1 CBA: 1 CBO       1 CBA: -1 27       10,000/7,00		27	1 02 . 1 AVV	1 021 27	
BG       BG       1 GXB:1 BG       5,000         BG       BG       1 GXC:1 BG       5,000         BG       BG       1 GXX:1 BG       5,000         BG       BG       1 GXZ:1 BG       5,000         BG       5,000       5,000         BG       1 F8:1 BG       5,000         BH       1 LB:1 BH       7,000         BH       2 QH:1 BH       7,000         CBO       26       1 CBC:1 CBO       1 CBC:-1 26       10,000/20,00         CBO       27       1 CBA:1 CBO       1 CBA:-1 27       10,000/7,00		R.C.	1 GYA · 1 BG		
BG       BG       1 GXC:1 BG       5,000         BG       BG       1 GXM:1 BG       5,000         BG       BG       1 GXZ:1 BG       5,000         BG       5,000       5,000         BG       1 F8:1 BG       5,000         BH       1 LB:1 BH       7,000         BH       2 QH:1 BH       7,000         CBO       26       1 CBC:1 CBO       1 CBC:-1 26       10,000/20,00         CBO       27       1 CBA:1 CBO       1 CBA:-1 27       10,000/7,00					
BG         BG         1 GXX : 1 BG         5,000           BG         BG         1 GXZ : 1 BG         5,000           BG         5,000         5,000           BG         1 F8 : 1 BG         5,000           BH         7,000         7,000           BH         1 LB : 1 BH         7,000           BH         2 QH : 1 BH         7,000           CBO         26         1 CBC : 1 CBO         1 CBC : -1 26         10,000/20,00           CBO         27         1 CBA : 1 CBO         1 CBA : -1 27         10,000/7,00					
BG     BG     1 GXZ:1 BG     5,000       BG     5,000       BG     1 F8:1 BG     5,000       BH     7,000       BH     1 LB:1 BH     7,000       BH     2 QH:1 BH     7,000       CBO     26     1 CBC:1 CBO     1 CBC:-1 26     10,000/20,00       CBO     27     1 CBA:1 CBO     1 CBA:-1 27     10,000/7,00					
BG     5,000       BG     1 F8 : 1 BG     5,000       BH     7,000       BH     1 LB : 1 BH     7,000       BH     2 QH : 1 BH     7,000       CBO     26     1 CBC : 1 CBO     1 CBC : -1 26     10,000/20,00       CBO     27     1 CBA : 1 CBO     1 CBA : -1 27     10,000/7,00					•
BG     1 F8:1 BG     5,000       BH     7,000       BH     1 LB:1 BH     7,000       BH     2 QH:1 BH     7,000       CBO     26     1 CBC:1 CBO     1 CBC:-1 26     10,000/20,00       CBO     27     1 CBA:1 CBO     1 CBA:-1 27     10,000/7,00		ВО	1 UAL . 1 DU		
BH     7,000       BH     1 LB : 1 BH     7,000       BH     2 QH : 1 BH     7,000       CBO     26     1 CBC : 1 CBO     1 CBC : -1 26     10,000/20,00       CBO     27     1 CBA : 1 CBO     1 CBA : -1 27     10,000/7,000			1 FQ · 1 BG		
BH     1 LB: 1 BH     7,000       BH     2 QH: 1 BH     7,000       CBO     26     1 CBC: 1 CBO     1 CBC: -1 26     10,000/20,0       CBO     27     1 CBA: 1 CBO     1 CBA: -1 27     10,000/7,00			110.1DG		
BH         2 QH:1 BH         7,000           CBO         26         1 CBC:1 CBO         1 CBC:-1 26         10,000/20,00           CBO         27         1 CBA:1 CBO         1 CBA:-1 27         10,000/7,00			1   R · 1 RH		
CBO 26 1 CBC : 1 CBO 1 CBC : -1 26 10,000/20,00 CBO 27 1 CBA : 1 CBO 1 CBA : -1 27 10,000/7,000					
CBO 27 1 CBA: 1 CBO 1 CBA: -1 27 10,000/7,00		26		1 CRC · -1 26	· ·
1011001		۷,	I CDA . I CDU	1 CDM1 Z/	
		26	1 GCG · 1 CPG	1 GCG · -1 26	10,000/20,000
					10,000/7,000
CRG 27 1 CNB . 1 CNB . 1 CNB127 10,000/7,00		۷.	I CND. I CNG	1 CND1 Z/	
·		HE	1 ENIC · 1 EEM	1 FNC - 1 HE	1,500/ 1,500
EFM 1,500/ 1,500		O1	T LINJ . T ELINI	I LINJI UF	
EFM 1 FOM : 1 EFM 1,500			1 FOM · 1 FEM		
EFM 10 MFD : 1 EFM 1,500					

FBD	GX	1 FBT : 1 FBD	10 FBT : -1 GX	5,000/7,000	
FBD				5,000	
GCM	26	1 GCC : 1 GCM	1 GCC : -1 26	10,000/20,000	
GCM	27	1 GBB: 1 GCM	1 GBB : -1 27	10,000/7,000	
GCM	27	1 RBG : 1 GCM	1 RBG: -1 27	10,000/7,000	
GCM	27	1 RVG : 1 GCM	1 RVG : -1 27	10,000/7,000	
GCM				10,000	
GCM		1 UGG : 1 GCM		10,000	
GE	23	1 1M : 1 GE	1 1M : -1 23	10,000/7,000	
GE	23	1 ME : 1 GE	1 ME : -1 23	10,000/7,000	
GE				10,000	
GE		1 GVR : 1 GE		10,000	
GFS	BZ	7.45 GRC: 1 GFS	1 GRC : -1 BZ	1,000/20,000	
GFS	GX	1 GRB : 1 GFS	1 GRB : -1 GX	1,000/7,000	
GFS	GX	1 GRS : 1 GFS	1 GRS: -1 GX	1,000/7,000	
GFS		1 GFL : 1 GFS		1,000	
GFS				1,000	
GP	23	1 UT : 1 GP	1 UT : -1 23	10,000/7,000	
GP	26	1 RD : 1 GP	1 RD : -1 26	10,000/20,000	
GP				10,000	
GS	26	1 1J:1 GS	1 1J:-1 26	10,000/20,000	
GS	26	1 RU: 1 GS	1 RU : -1 26	10,000/20,000	
GS	27	1 1K : 1 GS	1 1K : -1 27	10,000/7,000	
GS	27	1 RV : 1 GS	1 RV : -1 27	10,000/7,000	
GS	GP	1 MD : 1 GS	1 MD : -1 GP	10,000/10,000	
GS				10,000	
GSI				2,000	
GT	GX	1 7X : 1 GT	1 7X : -1 GX	5,000/7,000	
GT	GX	1 ET : 1 GT	1 ET : -1 GX	5,000/7,000	
GT	GX	10 MUD : 1 GT	10 MUD : -1 GX	5,000/7,000	
GT	TY	1 BBU : 1 GT	1 BBU : -1 TY	5,000/1,000	
GT				5,000	
GT		1 U7 : 1 GT		5,000	
GX	BB	7.45 GZ : 1 GX	1 GZ : -1 BB	7,000/20,000	
GX	BZ	1 GOC : 1 GX	1 GOC : -7.45 BZ	7,000/20,000	
GX		1 F7 : 1 GX		5,000	
GX				7,000	
GX		1 IGE : 1 GX		7,000	
GX		10 QA : 1 GX		7,000	
GX		1 U9 : 1 GX		7,000	
H1	MF	1 FOC : 1 H1	1 FOC : -1 MF	2,000/10,000	
H1	••••	1.00.1	1.00.1	2,000	
H1		1 NYT : 1 H1		2,000	
НО	CL	1 CH : 1 HO	1 CH : -1 CL	7,000/20,000	
НО	НО	1 FA : 1 HO		7,000	
НО	НО	1 FB : 1 HO		7,000	
НО	НО	1 FC : 1 HO		7,000	
НО	НО	1 FM : 1 HO		7,000	
НО	НО	1 FZ : 1 HO		7,000	
НО		1.2.10		7,000	
НО		1 OH : 1 HO		7,000	
JA	ВВ	8.9 JB : 1 JA	1 JB : -1 BB	1,000/20,000	
JA	UN	1 EWN : 1 JA	1 EWN : -1 UN	1,000/ 1,500	
JA	ON	1 E6 : 1 JA	ILWW. IOW	1,000	
JA		10 E6M : 1 JA		1,000	
JA		10 LOW . 1 JA		1,000	
JA		1 JA5 : 1 JA		1,000	
JA		10 MJN : 1 JA		1,000	
JE JE		TO IAIDIA ' T TV		7,000	
KS	DC	1 KSD : 1 KS	1 KSD : -1 DC	1,500/10,000	
KS	D00	1 DRK : 1 KS	1 DRK : -1 DOO	1,500/20,000	
KS	SG	1 RK : 1 KS	1 RK : -1 SG	1,500/5,000	
KS KS	SG	1 ZO : 1 KS	1 ZO : -1 SG	1,500/5,000	
KS	30		1 401 30		
		1 BX : 1 KS		1,500 1,500	
KS KS		1 N2 - 1 1/5		1,500 1,500	
LL LL	23	1 N2 : 1 KS	1 15 · 1 22		
LL	23	1 JS : 1 LL	1 JS : -1 23	5,000/7,000	

LL				5,000	
LX	23	1 KL : 1 LX	1 KL : -1 23	5,000/7,000	
LX				5,000	
LY	23	1 1L : 1 LY	1 1L : -1 23	10,000/7,000	
LY	23	1 LT : 1 LY	1 LT : -1 23	10,000/10,000	
LY	26	1 GY : 1 LY	1 GY : -1 26	10,000/20,000	
LY	GE	1 VV : 1 LY	1 VV : -1 GE	10,000/10,000	
LY				10,000	
MF	26	1 GFC : 1 MF	1 GFC : -1 26	10,000/20,000	
MF	26	1 MG : 1 MF	1 MG : -1 26	10,000/20,000	
MF	BZ	1 GCI : 1 MF	1 GCI : -1 BZ	10,000/20,000	
MF	UV	1 GCB : 1 MF	1 GCB : -1 UV	10,000/1,500	
MF	UV	1 GCU : 1 MF	6.35 GCU : -1 UV	10,000/1,500	
MF		1 FG : 1 MF		10,000	
MF MF		1 VZ : 1 MF		10,000	
MH	27	1 JL : 1 MH	1 JL : -1 27	10,000 10,000/7,000	
MH	21	I JL . I IVIN	1 JL1 Z/	10,000/7,000	
MM	26	1 ML : 1 MM	1 ML : -1 26	10,000/20,000	
MM	26	1 NFC : 1 MM	1 NFC : -1 26		
MM	Z6 MF	1 NFC : 1 MM 1 NFG : 1 MM	1 NFC : -1 26 1 NFG : -1 MF	10,000/20,000 10,000/10,000	
MM	MF	1 VR : 1 MM	1 VR : -1 MF	10,000/10,000	
MM	UF	1 NYF : 1 MM	6.35 NYF : -1 UF	10,000/10,000	
MM	UF	1 NYG : 1 MM	6.35 NYG : -1 UF	10,000/1,500	
MM	O1	11110.1111111	0.551110. 101	10,000	
MM		1 VK : 1 MM		10,000	
MQ	23	1 MQ : 1 MQ	1 MQ : -1 23	10,000/7,000	
PS	UN	1 EPN : 1 PS	1 EPN : -1 UN	300/1,500	
RB	CL	1 RX : 1 RB	1 RX : -1 CL	7,000/20,000	
RB	RB	1 ZA : 1 RB		7,000	
RB	RB	1 ZB : 1 RB		7,000	
RB	RB	1 ZC : 1 RB		7,000	
RB	RB	1 ZM : 1 RB		7,000	
RB		1 OB: 1 RB		7,000	
RB				7,000	
RBF	GX	1 BFR : 1 RBF	10 BFR : -1 GX	5,000/7,000	
RBF				5,000	
RMF				15,000	
RMG				50,000	
RMK				15,000	
RMS				50,000	
RMU				15,000	
RT		2 QU : 1 RT		7,000	
RT		1 RF:1 RT		7,000	
RT				7,000	
RY	27	1 RI : 1 RY	1 RI : -1 27	7,000/7,000	
RY				7,000	
SE	DC	6.35 STI : 1 SE	1 STI : -1 DC	1,500/10,000	
SE		1 8H : 1 SE		1,000	
SE		1 BT : 1 SE		1,500	
SE		10 MTB : 1 SE		1,500	
SE		10 MTS : 1 SE		1,500	
SE				1,500	
SE	UV	1 EVC : 1 SE	1 EVC : 1 UV	1,500/1,500	
SE	UV	1 SFB : 1 SE	1 SFB : 1 UV	1,500/1,500	
SG	GX	1 GA : 1 SG	7.45 GA : -1 GX	5,000/7,000	
SG		1 M2 : 1 SG		5,000	
SG		10 MSG : 1 SG		5,000	
SG		4.00.4.00		5,000	
SG		1 VU : 1 SG		5,000	
SP		1 KU : 1 SP		1,500	
SP STE	SG	1 CT7 · 1 CTF	1 CT7 · 1 CC	1,500 5,000/5,000	
STF	30	1 STZ : 1 STF	1 STZ : -1 SG	5,000/5,000	
STF STF		1 CTI · 1 CTE		5,000 5,000	
TW	BZ	1 STL : 1 STF 1 GEB : 1 TW	1 GER + 7 /F D7	1,000/20,000	
TW	GX	1 4V : 1 TW	1 GEB : -7.45 BZ 1 4V : -1 GX	1,000/7,000	
I VV	QA.	1 4V . 1 IVV	14V1UA	1,000,7,000	

TW	GX	10 MGF : 1 TW	10 MGF : -1 GX	1,000/7,000	
TW	GX	10 MGG : 1 TW	10 MGG : -1 GX	1,000/7,000	
TW	GX	1 TU : 1 TW	1 TU : -1 GX	1,000/7,000	
TW		1 B7 : 1 TW		1,000	
TW				1,000	
TY	GX	1 3V:1 TY	1 3V : -1 GX	1,000/7,000	
TY	GX	10 MGN: 1 TY	10 MGN : -1 GX	1,000/7,000	
TY	GX	1 TP: 1 TY	1 TP : -1 GX	1,000/7,000	
TY		1 B1:1 TY		1,000	
TY				1,000	
UA	BZ	1 SFC : 1 UA	1 SFC : -1 BZ	5,000/20,000	
UA	BZ	6.35 STR : 1 UA	1 STR: -1 BZ	5,000/20,000	
UA	DC	6.35 STB: 1 UA	1 STB : -1 DC	5,000/10,000	
UA	DC	6.35 STS : 1 UA	1 STS : -1 DC	5,000/10,000	
UA	SE	1 MSD : 1 UA	1 MSD : -1 SE	5,000/ 1,500	
UA	SE	1 SD : 1 UA	1 SD : -1 SE	5,000/1,500	
UA	UV	1 EW : 1 UA	1 EW : -1 UV	5,000/1,500	
UA	UV	1 EWB : 1 UA	1 EWB : -1 UV	5,000/1,500	
UA		10 0F : 1 UA		5,000	
UA		10 5L : 1 UA		5,000	
UA		1 BS : 1 UA		5,000	
UA		1 C5 : 1 UA		5,000	
UA				5,000	
UF	BB	6.35 FI : 1 UF	1 FI : -1 BB	1,500/20,000	
UF	BZ	1 FVB : 1 UF	1 FVB : -6.35 BZ	1,500/20,000	
UF	UV	1 88 : 1 UF	1 88 : -1 UV	1,500/1,500	
UF	UV	1 FS : 1 UF	1 FS : -1 UV	1,500/1,500	
UF		10 0B : 1 UF		1,500	
UF		10 0C : 1 UF		1,500	
UF		1 FCN : 1 UF		1,500	
UF		1 KX : 1 UF		1,500	
UF		10 MFE : 1 UF		1,500	
UF				1,500	
UH	UF	1 33 : 1 UH	1 33 : -1 UF	1,500/1,500	
UH	UF	1 EBF : 1 UH	1 EBF : -1 UF	1,500/1,500	
UH		10 0A : 1 UH		1,500	
UH		1 6L : 1 UH		1,500	
UH		1 EFB : 1 UH		1,500	
UH		10 T0 : 1 UH		1,500	
UH				1,500	
UI	BB	6.35 FL : 1 UI	1 FL : -1 BB	1,500/20,000	
UI 	BB	6.35 FOA : 1 UI	1 FOA : -1 BB	1,500/20,000	
UI	UV	1 63 : 1 UI	1 63 : -1 UV	1,500/1,500	
UI	UV	1 FK : 1 UI	1 FK : -1 UV	1,500/1,500	
UI		1 EFF : 1 UI		1,500	
UI		10 MMF : 1 UI		1,500	
UI	<b>6</b> 1/	4.674.4.111	4.677 4.677	1,500	
UJ	GX	1 6X : 1 UJ	1 6X : -1 GX	1,500/7,000	
UJ	GX	1 JC : 1 UJ	1 JC : -1 GX	1,500/7,000	
UJ	GX	10 MJC : 1 UJ	10 MJC : -1 GX	1,500/7,000	
UJ		1 30 : 1 UJ		1,500	
UJ		1 F3 : 1 UJ		1,500	
UJ	D.D.	1 211 . 1 1101	1 211 . 1 DD	1,500	
UN	BB	1 3U : 1 UN	1 3U : -1 BB	1,500/20,000	
UN	BB	8.9 43 : 1 UN	1 43 : -1 BB	1,500/20,000	
UN	BB	8.9 EN : 1 UN	1 EN : -1 BB	1,500/20,000	
UN	BZ	1 NBB : 1 UN	1 NBB : -8.9 BZ	1,500/20,000	
UN	BZ	1 NOB : 1 UN	1 NOB : -8.9 BZ	1,500/20,000	
UN		1 KZ : 1 UN		1,500	
UN		10 MEN : 1 UN		1,500	
UN		10 MNC : 1 UN		1,500	
UN		1 NCN : 1 UN		1,500	
UN		1 NWE : 1 UN		1,500	
UN	CV	1.00 - 1.110	1.00 · 1.0V	1,500	
UR	GX	1 9Q : 1 UR	1 9Q : -1 GX	1,500/7,000	
UR	GX	1 JR : 1 UR	1 JR : -1 GX	1,500/7,000	
UR	GX	10 MJB : 1 UR	10 MJB : -1 GX	1,500/7,000	

•					
UR				1,500	
UR		1 X9 : 1 UR		1,500	
UV	BB	6.35 FCB : 1 UV	1 FCB : -1 BB	1,500/20,000	
UV	BB	6.35 FO : 1 UV	1 FO : -1 BB	1,500/20,000	
UV	BZ	1 BOB : 1 UV	1 BOB : -6.35 BZ	1,500/20,000	
UV		10 0D : 1 UV		1,500	
UV		10 0E : 1 UV		1,500	
UV		1 FOR : 1 UV		1,500	
UV		1 KR : 1 UV		1,500	
UV		10 MFT : 1 UV		1,500	
UV		1 Q6 : 1 UV		1,500	
UV				1,500	
V0	1N	1 SMU : 1 V0	1 SMU : -1 1N	7,000/ 7,000	
V0				7,000	
V0		1 W0 : 1 V0		7,000	
VL	BZ	1 GOB : 1 VL	1 GOB : -7.45 BZ	1,000/20,000	
VL	GX	1 6V : 1 VL	1 6V : -1 GX	1,000/7,000	
VL	GX	10 MGB : 1 VL	10 MGB : -1 GX	1,000/7,000	
VL	GX	1 WQ : 1 VL	1 WQ : -1 GX	1,000/7,000	
VL		1 B8 : 1 VL		1,000	
VL				1,000	
VQ				5,000	
WR	GX	1 WT : 1 WR	1 WT : -1 GX	1,000/7,000	
WR				1,000	
X0				7,000	
Х0		1 Y0 : 1 X0		7,000	
Y3	MF	1 NYC : 1 Y3	1 NYC : -1 MF	2,000/10,000	
Y3		1 NYE : 1 Y3		2,000	
Y3				2,000	
Y4	MM	1 NYI : 1 Y4	1 NYI : -1 MM	2,000/10,000	
Y4		1 NYS : 1 Y4		2,000	
Y4				2,000	
YF	23	1 YH : 1 YF	1 YH : -1 23	5,000/7,000	
YF				5,000	
YS	23	1 UY : 1 YS	1 UY : -1 23	10,000/7,000	
YS				10,000	
<b>Z</b> 4	GX	1 8W : 1 Z4	1 8W : -1 GX	5,000/7,000	
Z4	GX	1 Z5 : 1 Z4	1 Z5 : -1 GX	5,000/7,000	
Z4		1 X6 : 1 Z4		5,000	
<b>Z</b> 4				5,000	
<b>Z</b> 6	GX	1 7V : 1 Z6	1 7V : -1 GX	5,000/7,000	
<b>Z</b> 6	GX	10 UCM : 1 Z6	10 UCM : -1 GX	5,000/7,000	
Z6	GX	1 Z7 : 1 Z6	1 Z7 : -1 GX	5,000/7,000	
Z6	TY	1 UCU : 1 Z6	1 UCU : -1 TY	5,000/1,000	
<b>Z</b> 6		1 X7 : 1 Z6		5,000	
<b>Z</b> 6				5,000	
CJ				6,000	
KT				5,000	
TT				0.000	2,500/5,000
YO				9,000	

## **Diminishing Balance Contracts**

There are specific futures contracts whose front month volume in any given contract month diminisl

## **Position Limits**

Position Limits shall be calculated on a net futures-equivalent basis by contract, and will include con in the Table.

## **Accountabilities**

For the purpose of Rule 561, Accountability levels will be calculated three separate ways:

- 1. Spot Month/Single Month/All Month Accountability Levels will be calculated on a net futures-equ into one or more base contracts as set forth in the Table.
- 2. Spot Month/Single Month/All Month Accountability Levels will be calculated on a net futures-only
- 3. Spot Month/Single Month/All Month Accountability Levels for options will be calculated per quad

## **Aggregation**

Using the Spot-Month as an example, for contract that aggregate into only one base contract during Month Aggregate Into Futures Equivalent Leg (1)" column and will denote a positive correlation with contract will be identified in the "Aggregate Into Ratio Leg (1)" column.

For contracts that aggregate into two separate base contracts during the spot month, the base contracts (1)" column will denote a positive correlation, and the aggregation ratio for the Leg (1) base concolumn. The base contract noted in the "Spot-Month Aggregate Into Futures Equivalent Leg (2)" columntract, and the aggregation ratio for the Leg (2) base contract will be identified in the "Aggregate

hes as the contract month progresses towards month end.
tracts that aggregate into one or more base contracts as set forth
nivalent basis by contract, and will include contracts that aggregate
y basis.
Irant (long call, long put, short call, short put) on a gross basis.
the spot-month, the base contract will be identified in the "Spot- n the base contract. The aggregation ratio for the Leg (1) base
ract noted in the "Spot-Month Aggregate Into Futures Equivalent tract will be identified in the "Aggregate Into Ratio Leg (1)" umn will denote a negative correlation with respect to the base Into Ratio Leg (2)" column.