

# CQG Tradable Symbols

February 17, 2015

Symbols in red have been added or updated since the last publication.  
Strikethrough indicates removal.

## ASX 24

Symbol	Description	Instrument
ACMS	Australian Canola	Calendar spread
AFBS	Australian Feed Barley	Calendar spread
AFS	S&P/ASX 200 Financials-x-A-REIT Index	Calendar spread
APS	SFE SPI 200 (S&P ASX 200) Index	Calendar spread
ARS	S&P/ASX 200 Resources Index	Calendar spread
ASMS	Australian Sorghum	Calendar spread
AVIS	S&P/ASX 200 VIX	Calendar spread
AWMS	Australian Milling Wheat	Calendar spread
HBSS	90-Day Bank Accept	Calendar spread
HTSS	3-Year Aus Treasury Bond	Calendar spread
HXSS	10-Year Us Treasury Bond	Calendar spread
HYSS	3-Year Aus Interest Rate Swap	Calendar spread
IBCRS	30-Day Interbank Cash Rate	Calendar spread
NBBS	NZ 90-Day Bank Bill	Calendar spread
WAWS	Western Australian Wheat	Calendar spread
XSS	10-Year Aus Interest Rate Swap	Calendar spread
ACM	Australian Canola	Futures
AF	S&P/ASX 200 Financials-x-A-REIT Index	Futures
AFB	Australian Feed Barley	Futures
AP	SFE SPI 200	Futures
AR	S&P/ASX 200 Resources Index	Futures
ART	S&P/ASX 200 A-REIT Index	Futures
ASM	Australian Sorghum	Futures
AVI	S&P/ASX 200 VIX	Futures
AWM	Australian Milling Wheat	Futures
BN	NSW Base Load Electricity	Futures
BQ	QLD Base Load Electricity	Futures
BS	SA Base Load Electricity	Futures

## ASX 24 (con't)

Symbol	Description	Instrument
BV	VIC Base Load Electricity	Futures
ENS	NSW Base Load Month Electricity	Futures
EQ	QLD Base Load Month Electricity	Futures
ES	SA Base Load Month Electricity	Futures
EVI	VIC Base Load Month Electricity	Futures
GN	NSW Base Load Quart. 300Cap Elec	Futures
GS	SA Base Load Quart. 300Cap Elec	Futures
GV	VIC Base Load Quart. 300Cap Elec	Futures
HBS	90-Day Bank Accept	Futures
HCX	ASX Thermal Coal (FOB Newcastle)	Futures
HCY	ASX Quarterly Thermal Coal Strip	Futures
HCZ	ASX Calendar Year Thermal Coal	Futures
HEO	ASX Renewable Energy Certificate	Futures
HGQ	QLD Base Load Quart. 300Cap Elec	Futures
HGX	Victorian Wholesale Gas	Futures
HPV	VIC Peak Period Electricity	Futures
HTS	3-Year Aus Treasury Bond	Futures
HXS	10-Year Aus Treasury Bond	Futures
HYS	3-Year Aus Interest Rate Swap	Futures
IBCR	30-Day Interbank Cash Rate	Futures
PN	NSW Peak Period Electricity	Futures
PQ	QLD Peak Period Electricity	Futures
PS	SA Peak Period Electricity	Futures
PXF	PLATTS PX CFR China Index	Futures
WAW	Western Australia Wheat	Futures
XS	10-Year Aus Interest Rate Swap	Futures
AFBASM	EA Feed Barley/Australian Sorghum	Intercommodity spread
AFBAWM	EA Feed Barley/NSW Wheat	Intercommodity spread

## ASX 24 (con't)

Symbol	Description	Instrument
ASMAWM	Australian Sorghum/NSW Wheat	Intercommodity spread
GNBN	NSW \$300 Cap v. Base Load	Intercommodity spread
GQBQ	QLD \$300Cap v. Base Load	Intercommodity spread
GSBS	SA \$300 Cap v. Base Load	Intercommodity spread
GVBV	VIC \$300 Cap v. Base Load	Intercommodity spread
WAWAWM	Western Wheat/Milling Wheat	Intercommodity spread
XTYT	AU 10-Year Bond-3-Year Bond	Intercommodity spread
Y114I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
Y115I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
Y116I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
Y117I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
Y118I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
Y119I	AU 3-Year Bond-90-Day BnkAccBill	Intercommodity spread
ACM	Australian Canola	Options
AFB	Australian Feed Barley	Options
AP	SFE SPI 200	Options
ASM	Australian Sorghum	Options
AWM	Australian Milling Wheat	Options
BN	NSW Base Load Electricity Futures	Options
BQ	QLD Base Load Electricity Futures	Options
BS	SA Base Load Electricity Futures	Options
BV	VIC Base Load Electricity Futures	Options
HB	90-Day Bank Accept	Options
HEO	ASX Renewable Energy Certificate	Options
HTD	3-Year Bond Futures Intraday 1 Session	Options
HTO	3-Year Bond Futures Overnight 1 Session	Options
HTS	3-Year Aus Treasury Bond	Options
HXD	10-Year Bond Futures Intraday 1 Session	Options
HXO	10-Year Bond Futures Overnight 1 Session	Options
HXS	10-Year Aus Treasury Bond	Options
WAW	Western Australia Wheat	Options
BNT4	NSW Base Load Electricity Futures	Strip
BQT4	QLD Base Load Electricity Futures	Strip
BST4	SA Base Load Electricity Futures	Strip
BVT4	VIC Base Load Electricity Futures	Strip

## ASX 24 (con't)

Symbol	Description	Instrument
HGXT4	Victorian Wholesale Gas	Strip
HPVT4	VIC Peak Period Electricity Futures	Strip
PNT4	NSW Peak Period Electricity Futures	Strip
PQT4	NSW Peak Period Electricity Futures	Strip
PST4	SA Peak Period Electricity Futures	Strip

## Brazil/Globex (BM&amp;F)

Symbol	Description	Instrument
A18	A-Bond 2018	Futures
B10	Global 2010	Futures
B11	Global 2011	Futures
B12	Global 2012	Futures
BGI	Live Cattle Real Denominated	Futures
BMBS	BVMF SENSEX Index	Futures
BMHS	BVMF Hang Seng Index	Futures
BMJS	BVMF FTSE/JSE Top40	Futures
BMMI	BVMF MICEX Index	Futures
BMSFI	Cash-Settled Soybeans	Futures
CCM	Cash Settled Corn	Futures
DI1	1-Day Interbank Deposits	Futures
DOL	US Dollar	Futures
EUR	Euro BM&F	Futures
ICF	Arabica Coffee	Futures
IND	Bovespa Index	Futures
KFE	6/7 Arabica Coffee	Futures
OZ1	Gold (250 g)	Futures
SJC	Cash-Settled Soybean (CBOT Mini-Sized)	Futures
T10	10-Year US Treasury Note BM&F	Futures
WBG	Mini Live Cattle	Futures
WCF	Mini Arabica Coffee	Futures
WDL	Mini US Dollar	Futures
WDO	New Mini US Dollar	Futures
WIN	Mini Ibovespa Index	Futures
WTI	Mini Crude Oil	Futures
BMSFI	Cash-Settled Soybeans	Options

BrokerTec US Treasuries (BTEC UST)

Symbol	Description	Instrument
BTC02	US 2-Year Treasuries	Fixed Income
BTC03	US 3-Year Note	Fixed Income
BTC05	US 5-Year Treasuries	Fixed Income
BTC07	US 7-Year Note	Fixed Income
BTC10	US 10-Year Treasuries	Fixed Income
BTC30	US 30-Year Treasuries	Fixed Income

Bursa Malaysia Derivatives Exchange/Globex (BMDX)

Symbol	Description	Instrument
MPOS	Crude Palm Oil	Calendar spread
FGLDS	Gold	Calendar spread
FKB3S	3-Month KLIBOR	Calendar spread
FKLIS	Kuala Lumpur Composite Index	Calendar spread
FMG3S	3-Year MGS	Calendar spread
FMG5S	5-Year MGS	Calendar spread
FPKOS	Crude Palm Kernel Oil	Calendar spread
FPOLS	RBD Palm Olein	Calendar spread
FUPOS	USD Crude Palm Oil	Calendar spread
MPO	Crude Palm Oil	Futures
FGLD	Gold	Futures
FKB3	3-Month KLIBOR	Futures
FKLI	Kuala Lumpur Composite Index	Futures
FMG3	3-Year MGS	Futures
FMG5	5-Year MGS	Futures
FPKO	Crude Palm Kernel Oil	Futures
FPOL	RBD Palm Olein	Futures
FUPO	USD Crude Palm Oil	Futures
OCPO	Crude Palm Oil	Options
OKLI	Kuala Lumpur Composite Index	Options

CBOE Futures Exchange (CFE)

Symbol	Description	Instrument
DJSW	DJ Sustainability World Price Index	Futures
GVZ	CBOE Gold ETF Volatility Index	Futures
OVX	CBOE Crude Oil ETF Volatility Index	Futures
RPXCP	25-MSA Composite RPX	Futures

CFE (con't)

Symbol	Description	Instrument
V1S	CBOE Short-Term Volatility Index Week 1	Futures
V2S	CBOE Short-Term Volatility Index Week 2	Futures
V3S	CBOE Short-Term Volatility Index Week 3	Futures
V4S	CBOE Short-Term Volatility Index Week 4	Futures
V5S	CBOE Short-Term Volatility Index Week 5	Futures
VM	Mini-VIX	Futures
VN	CBOE NASDAQ-100 Volatility Index	Futures
VR	CBOE Russell 2000 Volatility Index	Futures
VX	CBOE Volatility Index (VIX)	Futures
VXD	CBOE DJIA Volatility Index (VXD)	Futures
VXEM	CBOE Emerging Markets ETF Volatility Index	Futures
VXEW	CBOE Brazil ETF Volatility Index	Futures
VXT	VIX Volatility Index TAS	Futures
VXTY	CBOE/CBOT 10-Year US Treasury Note Vol.	Futures
VXW	CBOE Volatility Index	Reverse spread
VXT	VIX Volatility Index	TAS

CBOT/Globex

Symbol	Description	Instrument
KWEL	Wheat	Butterfly
ZCEL	Corn	Butterfly
ZLEL	Soybean Oil	Butterfly
ZMEL	Soybean Meal	Butterfly
ZOEL	Oats	Butterfly
ZQEL	Fed Funds 30-Day	Butterfly
ZREL	Rough Rice	Butterfly
ZSEL	Soybeans	Butterfly
ZWAL	Wheat	Butterfly
BSWS	Black Sea Wheat	Calendar spread
ERS	DJ UBS Excess Return Index	Calendar spread
FVAS	US 5-Year Treasury Note	Calendar spread
KWES	Wheat	Calendar spread
MKCS	Mini-Sized KC (HRW) Wheat	Calendar spread
T1US	2-Year USD IR Swap (Initial)	Calendar spread
TUAS	US 2-Year Treasury Note	Calendar spread
XBS	Mini-Sized Soybeans	Calendar spread

## CBOT/Globex (con't)

Symbol	Description	Instrument
XCS	Mini-Sized Corn	Calendar spread
XWS	Mini-Sized Wheat	Calendar spread
Z3NS	US 3-Year Treasury Note	Calendar spread
ZCES	Corn	Calendar spread
ZEES	Ethanol	Calendar spread
ZLES	Soybean Oil	Calendar spread
ZMES	Soybean Meal	Calendar spread
ZOES	Oats	Calendar spread
ZQES	Fed Funds 30-Day Interest Trade	Calendar spread
ZRES	Rough Rice	Calendar spread
ZSES	Soybeans	Calendar spread
ZWAS	Wheat	Calendar spread
ZQEC	Fed Funds 30-Day	Condor
SOM00 SOM01 SOMI01	Soybean	Crush
AI	Dow Jones AIG Futures	Futures
B1U	30-Year USD IR Swap (Initial)	Futures
BRE	Dow Jones US Real Estate Index	Futures
BSW	Black Sea Wheat	Futures
DDG	Distillers Dried Grain	Futures
DFA	Dow Jones Industrial Average	Futures
DRS	DJ-UBS Roll Select Index	Futures
F1E	5-Year EUR DSF IR swap	Futures
F1U	5-Year USD IR Swap (Initial)	Futures
FVA	US 5-Year Treasury Note	Futures
FZE	Denatured Fuel Ethanol Forward Month	Futures
KWE	Wheat	Futures
MKC	Mini-Sized KC (HRW) Wheat	Futures
N1E	10-Year EUR DSF IR Swap	Futures
N1U	10-Year USD IR Swap (Initial)	Futures
T1E	2-Year EUR DSF IR Swap	Futures
T1U	2-Year USD IR Swap (Initial)	Futures
TUA	US 2-Year Treasury Note	Futures
TYA	US 10-Year Treasury Note	Futures
ULA	Ultra T-Bond	Futures

## CBOT/Globex (con't)

Symbol	Description	Instrument
USA	US Treasury Bond	Futures
XB	Mini-Sized Soybeans	Futures
XC	Mini-Sized Corn	Futures
XW	Mini-Sized Wheat	Futures
YM	Dow Jones \$5 Mini	Futures
Z3N	3-Year US Treasury Notes	Futures
ZCE	Corn	Futures
ZEE	Ethanol	Futures
ZLE	Soybean Oil	Futures
ZME	Soybean Meal	Futures
ZOE	Oats	Futures
ZQE	Fed Funds 30-Day Interest Rate	Futures
ZRE	Rough Rice	Futures
ZSE	Soybeans	Futures
ZWA	Wheat	Futures
FVAF1U	5-Year Treasury Note/5-Year USD IRS	Intercommodity spread
NBY	NBY (10-Year/30-Year) New Ratio	Intercommodity spread
TFY	TFY (2-Year v. 5-Year)	Intercommodity spread
TYAN1U	10-Year Treasury Note/10-Year USD IRS	Intercommodity spread
ULAB1U	Ultra T-Bond/30-Year USD IRS	Intercommodity spread
ZWAZCE	Wheat/Corn	Intercommodity spread
KEZW10	KCBOT/CBOT Wheat	Inter-exchange spread
KEZW11	KCBOT/CBOT Wheat Offset	Inter-exchange spread
MWW10	MGEX/CBOT Wheat	Inter-exchange spread
MWW11	MGEX/CBOT Wheat Offset	Inter-exchange spread
MWWW	MGEX/CBOT Wheat Reverse	Inter-exchange spread
BOB	BOB (30-Year/Ultra T-Bond)	Net-change-quoted ICS
FOB	FOB (5-Year/30-Year)	Net-change-quoted ICS
FOL	FOL (5-Year/Ultra T-Bond)	Net-change-quoted ICS
FYT	FYT (5-Year/10-Year)	Net-change-quoted ICS
NOB	NOB (10-Year/30-Year)	Net-change-quoted ICS
NOL	NOL (10-Year/Ultra T-Bond)	Net-change-quoted ICS
TOB	TOB (3-Year/30-Year)	Net-change-quoted ICS
TOF	TOF (3-Year/5-Year)	Net-change-quoted ICS
TOU	TOU (3-Year/Ultra T-Bond)	Net-change-quoted ICS

## CBOT/Globex (con't)

Symbol	Description	Instrument
TUB	TUB (2-Year/30-Year)	Net-change-quoted ICS
TUF	TUF (2-Year/5-Year)	Net-change-quoted ICS
TUL	TUL (2-Year/Ultra T-Bond)	Net-change-quoted ICS
TUN	TUN (3-Year/10-Year)	Net-change-quoted ICS
TUT	TUT (2-Year/10-Year)	Net-change-quoted ICS
TYT	TYT (2-Year/3-Year)	Net-change-quoted ICS
BCE	Soybean Crush	Options
DFA	Dow Jones Industrial Average	Options
EYM	E-mini Dow (\$5) End of Month	Options
EZD	DJIA (\$10) End of Month	Options
FVA1	US 5-Year Treasury Note Week 1	Options
FVA2	US 5-Year Treasury Note Week 2	Options
FVA3	US 5-Year Treasury Note Week 3	Options
FVA4	US 5-Year Treasury Note Week 4	Options
FVA5	US 5-Year Treasury Note Week 5	Options
KWE	Wheat	Options
KWED	Wheat Short-Dated New Crop	Options
TUA1	US 2-Year Treasury Note Week 1	Options
TUA2	US 2-Year Treasury Note Week 2	Options
TUA3	US 2-Year Treasury Note Week 3	Options
TUA4	US 2-Year Treasury Note Week 4	Options
TUA5	US 2-Year Treasury Note Week 5	Options
TYA	US 10-Year Treasury Note	Options
TYA1	US 10-Year Treasury Note Week 1	Options
TYA2	US 10-Year Treasury Note Week 2	Options
TYA3	US 10-Year Treasury Note Week 3	Options
TYA4	US 10-Year Treasury Note Week 4	Options
TYA5	US 10-Year Treasury Note Week 5	Options
ULA	Ultra T-Bond	Options
ULA1	Ultra T-Bond Options Week 1	Options
ULA2	Ultra T-Bond Options Week 2	Options
ULA3	Ultra T-Bond Options Week 3	Options
ULA4	Ultra T-Bond Options Week 4	Options
ULA5	Ultra T-Bond Options Week 5	Options
USA	US Treasury Bond	Options
USA1	US 30-Year Treasury Bond Week 1	Options

## CBOT/Globex (con't)

Symbol	Description	Instrument
USA2	US 30-Year Treasury Bond Week 2	Options
USA3	US 30-Year Treasury Bond Week 3	Options
USA4	US 30-Year Treasury Bond Week 4	Options
USA5	US 30-Year Treasury Bond Week 5	Options
YM	Dow Jones \$5 Mini	Options
YMD	E-mini Dow (\$5) Weekly	Options
ZCE	Corn	Options
ZCE1	Corn Week 1	Options
ZCE2	Corn Week 2	Options
ZCE3	Corn Week 3	Options
ZCE4	Corn Week 4	Options
ZCE5	Corn Week 5	Options
ZCED	Short-Dated New Crop Corn	Options
ZLE	Soybean Oil	Options
ZME	Soybean Meal	Options
ZOE	Oats	Options
ZQ1	1-Year Fed Funds Mid-Curve	Options
ZQ6	6-Month Fed Funds Mid-Curve	Options
ZRE	Rough Rice	Options
ZSE	Soybeans	Options
ZSE1	Soybeans Week 1	Options
ZSE2	Soybeans Week 2	Options
ZSE3	Soybeans Week 3	Options
ZSE4	Soybeans Week 4	Options
ZSE5	Soybeans Week 5	Options
ZSED	Short-Dated New Crop Soybean	Options
ZWA	Wheat	Options
ZWA1	Wheat Week 1	Options
ZWA2	Wheat Week 2	Options
ZWA3	Wheat Week 3	Options
ZWA4	Wheat Week 4	Options
ZWA5	Wheat Week 5	Options
ZWAD	Short-Dated New Crop Wheat	Options
B1UR	30-Year USD IR Swap (Initial)	Reduced tick calendar spread
F1ER	5-Year EUR DSF IR Swap	Reduced tick calendar spread
F1UR	5-Year USD IR Swap (Initial)	Reduced tick calendar spread

CBOT/Globex (con't)

Symbol	Description	Instrument
N1ER	10-Year EUR DSF IR Swap	Reduced tick calendar spread
N1UR	10-Year USD IR Swap (Initial)	Reduced tick calendar spread
T1ER	2-Year EUR DSF IR Swap	Reduced tick calendar spread
TYAR	US 10-Year Treasury Note	Reduced tick calendar spread
ULAR	Ultra-T-Bond	Reduced tick calendar spread
USAR	US Treasury Bond	Reduced tick calendar spread
BREW	Dow Jones US Real Estate Index	Reverse spread
DFAW	Dow Jones Industrial Average	Reverse spread
YMW	Mini-Dow \$5	Reverse spread

Chicago Board of Trade (CBOT)

Symbol	Description	Instrument
WS	Wheat	Calendar spread
FF	Fed Funds 30-Day Interest Rate (Open Outcry)	Futures
W	Wheat (Open Outcry)	Futures
YC	Mini-Sized Corn (Open Outcry)	Futures
YK	Mini-Sized Soybeans (Open Outcry)	Futures
YW	Mini-Sized Wheat (Open Outcry)	Futures
W	Wheat (Open Outcry)	Options

Chicago Mercantile Exchange (CME)

Symbol	Description	Instrument
FCS	Feeder Cattle	Calendar spread
LCS	Live Cattle	Calendar spread
LHS	Lean Hogs	Calendar spread
CA	Canadian Dollar (Open Outcry)	Futures
ED	Eurodollar 3-Month LIBOR (Open Outcry)	Futures
EU	EuroFX (Open Outcry)	Futures
FC	Feeder Cattle (Open Outcry)	Futures
LB	Lumber (Open Outcry)	Futures
LC	Live Cattle (Open Outcry)	Futures
LH	Lean Hogs (Open Outcry)	Futures
ND	NASDAQ 100 Index (Open Outcry)	Futures
NK	NIKKEI 225 (Open Outcry)	Futures

CME Europe

Symbol	Description	Instrument
BOGS	Soybean Oil v. European Gasoil Modified	Calendar spread
FFBAS	FAMED Biodiesel fob ARA (RED Compl)(Argus)	Calendar spread
FRBAS	RME Biodiesel fob ARA (RED Compl)(Argus)	Calendar spread
QAAS	European Gasoil (ICE)	Calendar spread
UBDS	FAME 0 Biodiesel (RED)(Argus) v. Gasoil	Calendar spread
URAS	RME Biodiesel (RED)(Argus) v. Gasoil	Calendar spread
BOG	Soybean Oil v. European Gasoil Modified	Futures
BRL	USD/BRL Cash Settled	Futures
EAUD	AUD/USD Physically Delivered	Futures
EBP	EUR/GBP Physically Delivered	Futures
ECAD	USD/CAD Physically Delivered	Futures
ECH	EUR/CNH Physically Delivered	Futures
ECHF	USD/CHF Physically Delivered	Futures
EDK	EUR/DKK Physically Delivered	Futures
EEJY	EUR/JPY Physically Delivered	Futures
EENO	EUR/NOK Physically Delivered	Futures
EESI	EUR/CHF Physically Delivered	Futures
EFT	EUR/HUF Physically Delivered	Futures
EINR	USD/INR Cash Settled	Futures
EJPY	USD/JPY Physically Delivered	Futures
ELI	EUR/TRY Physically Delivered	Futures
ENZD	NZD/USD Physically Delivered	Futures
EPO	EUR/PLN Physically Delivered	Futures
ERN	EUR/CNY Cash Settled	Futures
ERUB	USD/RUB Cash Settled	Futures
ESW	EUR/SEK Physically Delivered	Futures
EUS	EUR/USD Physically Delivered	Futures
EZK	EUR/CZK Physically Delivered	Futures
FFBA	FAME0 Biodiesel fob ARA (RED Compl)(Argus)	Futures
FRBA	RME Biodiesel fob ARA (RED Compl)(Argus)	Futures
GBPX	GBP/USD Physically Delivered	Futures
MXN	USD/MXN Physically Delivered	Futures
QAA	European Gasoil (ICE)	Futures
UAH	USD/UAH Cash Settled	Futures
UBD	FAME 0 Biodiesel (RED)(Argus) v. Gasoil	Futures
UCH	USD/CNH Physically Delivered	Futures

CME Europe (con't)

Symbol	Description	Instrument
UCR	USD/CNY Cash Settled	Futures
UIS	USD/ILS Physically Delivered	Futures
UKW	USD/KRW Cash Settled	Futures
URA	RME Biodiesel (RED)(Argus) v. Gasoil	Futures
UTL	USD/TRY Physically Delivered	Futures
Z1A	European Ethanol T2 fob Rotterdam Inc.	Futures
ZRA	USD/ZAR Physically Delivered	Futures
Z1AS	European Ethanol T2 fob Rotterdam Inc.	Options
BRLW	USD/BRL Cash Settled	Reverse spread
EAUDW	AUD/USD Physically Delivered	Reverse spread
EBPW	EUR/GBP Physically Delivered	Reverse spread
ECADW	USD/CAD Physically Delivered	Reverse spread
ECHFW	USD/CHF Physically Delivered	Reverse spread
ECHW	EUR/CNH Physically Delivered	Reverse spread
EDKW	EUR/DKK Physically Delivered	Reverse spread
EEJYW	EUR/JPY Physically Delivered	Reverse spread
EENOW	EUR/NOK Physically Delivered	Reverse spread
EESIW	EUR/CHF Physically Delivered	Reverse spread
EFTW	EUR/HUF Physically Delivered	Reverse spread
EINRW	USD/INR Cash Settled	Reverse spread
EJPYW	USD/JPY Physically Delivered	Reverse spread
ELIW	EUR/TRY Physically Delivered	Reverse spread
ENZDW	NZD/USD Physically Delivered	Reverse spread
EPOW	EUR/PLN Physically Delivered	Reverse spread
ERNW	EUR/CNY Cash Settled	Reverse spread
ERUBW	USD/RUB Cash Settled	Reverse spread
ESWW	EUR/SEK Physically Delivered	Reverse spread
EUSW	EUR/USK Physically Delivered	Reverse spread
EZKW	EUR/CZK Physically Delivered	Reverse spread
GBPXW	GBP/USK Physically Delivered	Reverse spread
MXNW	USD/MXN Physically Delivered	Reverse spread
UAHW	USD/UAH Cash Settled	Reverse spread
UCHW	USD/CNH Physically Delivered	Reverse spread
UCRW	USD/CNY Cash Settled	Reverse spread
UISW	USD/ILS Physically Delivered	Reverse spread
UKWW	USD/KRW Cash Settled	Reverse spread

CME Europe (con't)

Symbol	Description	Instrument
UTLW	USD/TRY Physically Delivered	Reverse spread
ZRAW	USD/ZAR Physically Delivered	Reverse spread

COMEX/Globex (COMEXG)

Symbol	Description	Instrument
ALIS	Aluminum	Calendar spread
CPES	Copper	Calendar spread
GCES	Gold	Calendar spread
GCKS	Gold Kilo	Calendar spread
MGCS	E-Micro Gold	Calendar spread
MQCS	miNY Copper	Calendar spread
MQIS	miNY Silver	Calendar spread
MQOS	miNY Gold	Calendar spread
SIES	Silver	Calendar spread
ALI	Aluminum	Futures
AUP	Aluminum MW US Tran Premium Platts	Futures
CPE	Copper	Futures
CPT	Copper TAS	Futures
GCE	Gold	Futures
GCK	Gold Kilo	Futures
GCT	Gold TAS	Futures
GVF	Gold Volatility Index	Futures
MGC	E-micro Gold	Futures
MQC	miNY Copper	Futures
MQI	miNY Silver	Futures
MQO	miNY Gold	Futures
SIE	Silver	Futures
SIL	1,000 oz Silver	Futures
SIT	Silver TAS	Futures
VGA	Gold Annual Variance	Futures
VGQ	Gold Quarterly Variance	Futures
VGS	Gold Semi-Annual Variance	Futures
VSQ	Silver Quarterly Variance	Futures
VSS	Silver Semi-Annual Variance	Futures
VSY	Silver Annual Variance	Futures
XSN	E-mini Silver 1000 oz.	Futures

COMEXG (con't)

Symbol	Description	Instrument
CPE	Copper	Options
CPE1	Copper Week 1 Options	Options
CPE2	Copper Week 2 Options	Options
CPE3	Copper Week 3 Options	Options
CPE4	Copper Week 4 Options	Options
CPE5	Copper Week 5 Options	Options
GCE	Gold	Options
GVP	Gold Volatility Index (VIX)	Options
SIE	Silver	Options
SILR	1,000 oz Silver	Reduced tick spread
CPT	Copper TAS	TAS
GCT	Gold TAS	TAS
SIT	Silver TAS	TAS

DirectFX

Symbol	Description	Instrument
ESP35	IBEX-35	Cash Spot
EUSTX50	Euro STOXX 50 CFD	Cash Spot
FRA40	CAC 40 CFD	Cash Spot
GER30	DAX CFD	Cash Spot
HKG33S	Hang Sang CFD	Cash Spot
JPN225	Nikkei 225 CFD	Cash spot
NAS100	Nasdaq 100 CFD	Cash Spot
SPX500	S&P500 CFD	Cash Spot
UK100	FTSE 100 CFD	Cash Spot
US30	Dow Jones Industrials CFD	Cash Spot

DirectFX Institutional

Symbol	Description	Instrument
DIAUDCAD	AUD/CAD	Cash spot
DIAUDCHF	AUD/CHF	Cash spot
DIAUDJYP	AUD/JPY	Cash spot
DIAUDNZD	AUD/NZD	Cash spot
DIAUDUSD	AUD/USD	Cash spot
DICADCHF	CAD/CHF	Cash spot
DICADJYP	CAD/JPY	Cash spot

DirectFX Institutional (con't)

Symbol	Description	Instrument
DICHFJPY	CHF/JPY	Cash spot
DIEURAUD	EUR/AUD	Cash spot
DIEURCAD	EUR/CAD	Cash spot
DIEURCHF	EUR/CHF	Cash spot
DIEURGBP	EUR/GBP	Cash spot
DIEURJPY	EUR/JPY	Cash spot
DIEURNZD	EUR/NZD	Cash spot
DIEURUSD	EUR/USD	Cash spot
DIGBPAUD	GBP/AUD	Cash spot
DIGBPCAD	GBP/CAD	Cash spot
DIGBPCHF	GBP/CHF	Cash spot
DIGBPJPY	GBP/JPY	Cash spot
DIGBPNZD	GBP/NZD	Cash spot
DIGBPUSD	GBP/USD	Cash spot
DINZDCAD	NZD/CAD	Cash spot
DINZDCHF	NZD/CHF	Cash spot
DINZDJPY	NZD/JPY	Cash spot
DINZDUSD	NZD/USD	Cash spot
DIUSDCAD	USD/CAD	Cash spot
DIUSDCHF	USD/CHF	Cash spot
DIUSDHKD	USD/HKD	Cash spot
DIUSDJPY	USD/JPY	Cash spot
DIUSDMXN	USD/MXN	Cash spot
DIUSDSGD	USD/SGD	Cash spot
DIUSDTRY	USD/TRY	Cash spot
DIXAGUSD	XAG/USD	Cash spot
DIXAUUSD	XAU/USD	Cash spot

DirectFX Retail

Symbol	Description	Instrument
DRAUDCAD	AUD/CAD	Cash spot
DRAUDCHF	AUD/CHF	Cash spot
DRAUDJYP	AUD/JPY	Cash spot
DRAUDNZD	AUD/NZD	Cash spot
DRAUDUSD	AUD/USD	Cash spot
DRCADCHF	CAD/CHF	Cash spot



DirectFX Retail (con't)

Symbol	Description	Instrument
DRCADJPY	CAD/JPY	Cash spot
DRCHFJPY	CHF/JPY	Cash spot
DREURAUD	EUR/AUD	Cash spot
DREURCAD	EUR/CAD	Cash spot
DREURCHF	EUR/CHF	Cash spot
DREURGBP	EUR/GBP	Cash spot
DREURJPY	EUR/JPY	Cash spot
DREURNZD	EUR/NZD	Cash spot
DREURUSD	EUR/USD	Cash spot
DRGBPAUD	GBP/AUD	Cash spot
DRGBPCAD	GBP/CAD	Cash spot
DRGBPCHF	GBP/CHF	Cash spot
DRGBPJPY	GBP/JPY	Cash spot
DRGBPUSD	GBP/USD	Cash spot
DRGBPNZD	GBP/NZD	Cash spot
DRGBPUSD	GBP/USD	Cash spot
DRNZDCAD	NZD/CAD	Cash spot
DRNZDCHF	NZD/CHF	Cash spot
DRNZDJPY	NZD/JPY	Cash spot
DRNZDUSD	NZD/USD	Cash spot
DRUSDCAD	USD/CAD	Cash spot
DRUSDCHF	USD/CHF	Cash spot
DRUSDHKD	USD/HKD	Cash spot
DRUSDJPY	USD/JPY	Cash spot
DRUSDMXN	USD/MXN	Cash spot
DRUSDSGD	USD/SGD	Cash spot
DRUSDTRY	USD/TRY	Cash spot
DRXAGUSD	XAG/USD	Cash spot
DRXAUUSD	XAU/USD	Cash spot

Dubai Gold & Commodities Exchange (DGCX)

Symbol	Description	Instrument
DBSXS	S&P BSE SENSEX	Calendar spread
DGOS	Gold	Calendar spread
DINRS	Indian Rupee	Calendar spread
INRMS	Mini Indian Rupee	Calendar spread
DBSX	S&P BSE SENSEX	Futures

DGCX (con't)

Symbol	Description	Instrument
DEUR	Euro/Dollar	Futures
DGBP	Sterling/Dollar	Futures
DGO	Gold	Futures
DINR	Indian Rupee	Futures
DMSI	Quanto on MSCI India	Futures
DMSU	MSCI India	Futures
DPPM	Polypropylene Plastics	Futures
DUKR	Cash Settled US Dollar/Korean Wan	Futures
DURU	Cash Settled US Dollar/Russian Ruble	Futures
DUZA	Cash Settled US Dollar/South African Rand	Futures
EURM	Mini INR-EUR	Futures
GBPM	Mini INR-GBP	Futures
INRM	Mini Indian Rupee	Futures
DINRO	Indian Rupee	Options

Dubai Mercantile Exchange/Globex (DME)

Symbol	Description	Instrument
OQL	Oman Crude Oil	Butterfly
DZGS	Oman Crude Oil	Calendar spread
DZOS	Brent Crude Oil (Financial)	Calendar spread
OQS	Oman Crude Oil	Calendar spread
DZG	Oman Crude Oil Financial	Futures
DZO	Brent Crude Financial	Futures
OQ	Oman Crude Oil	Futures
OQB	Oman Crude Oil TAM	Futures
BZDZG	Brent/Oman Fin. Crude	Intercommodity spread
BZOQ	Brent/Oman Crude	Intercommodity spread
CLEDZG	WTI/Oman Fin. Crude	Intercommodity spread
CLEOQ	WTI/Oman Crude	Intercommodity spread
DZGOQ	Oman Crude (financial)/Oman Crude	Intercommodity spread
OQE	Oman Crude Oil (European)	Options

Eris

Symbol	Description	Instrument
LIB	7-yr Standard IRS	Futures
LIE	30-yr Standard IRS	Futures

## Eris (con't)

Symbol	Description	Instrument
LIT	2-yr Standard IRS	Futures
LIW	5-yr Standard IRS	Futures
LIY	10-yr Standard IRS	Futures

## Eurex

Symbol	Description	Instrument
FEUB	EURIOBOR, 3-month	Bundle
DBS	Euro Bund	Calendar spread
DDS	DAX	Calendar spread
DGS	Euro Schatz	Calendar spread
DLS	Euro BOBL	Calendar spread
DSXS	DJ Euro STOXX 50	Calendar spread
DTXS	STOXX Europe 50 Index Futures	Calendar spread
ESBS	Euro STOXX Banks	Calendar spread
F2MXS	MDAX futures	Calendar spread
FBTMS	Mid Term Euro-BTP	Calendar spread
FBTPS	Euro-BTP Futures	Calendar spread
FBTSS	Short Term Euro-BTP	Calendar spread
FBUTS	Butter	Calendar spread
FCEFS	EURCHF	Calendar spread
FCEPS	EURGBP	Calendar spread
FCEUS	EURUSD	Calendar spread
FCPFS	GBPCHF	Calendar spread
FCPUS	GBPUSD	Calendar spread
FCUFS	USDCHF	Calendar spread
FEPPS	European Processing Potatoes	Calendar spread
FEUS	EURIBOR 3-Month	Calendar spread
FGBXS	Euro Buxl (30-Year)	Calendar spread
FHOGS	Eurex Hogs	Calendar spread
FOAMS	Mid-Term Euro-OAT	Calendar spread
FOATS	Euro-OAT	Calendar spread
FPIGS	Eurex Piglets	Calendar spread
FSMPS	Skimmed Milk Powder	Calendar spread
FT25S	TA-25 Index	Calendar spread
FTXS	Daily Futures on TAIFEX	Calendar spread
FXXPS	STOXX Europe 600	Calendar spread

## Eurex (con't)

Symbol	Description	Instrument
MWHYS	European Whey Powder	Calendar spread
SCS	10-Year Swiss Bond	Calendar spread
STBS	STOXX Europe 600 Banks	Calendar spread
SWS	Swiss Market Index	Calendar spread
DB	Euro Bund 10-Year	Futures
DD	DAX Index	Futures
DG	Euro Schatz 2-Year	Futures
DL	Euro Bobl 5-Year	Futures
DSX	Dow Jones Euro STOXX 50	Futures
DTX	DJ STOXX 50	Futures
ESA	EURO STOXX Automobiles & Parts	Futures
ESB	Euro STOXX Banks	Futures
ESC	EURO STOXX Chemicals	Futures
ESE	EURO STOXX Oil & Gas	Futures
ESF	EURO STOXX Financial Services	Futures
ESG	EURO STOXX Industrial Goods & Services	Futures
ESH	EURO STOXX Health Care	Futures
ESI	EURO STOXX Insurance	Futures
ESM	EURO STOXX Media	Futures
ESN	EURO STOXX Construction & Materials	Futures
ESO	EURO STOXX Food & Beverage	Futures
ESR	EURO STOXX Retail	Futures
ESS	EURO STOXX Basic Resources	Futures
EST	EURO STOXX Telecommunications	Futures
ESU	EURO STOXX Utilities	Futures
ESV	EURO STOXX Travel & Leisure	Futures
ESY	EURO STOXX Technology	Futures
ESZ	EURO STOXX Personal & Household Goods	Futures
EVAR	EURO STOXX 50 Variance	Futures
EXSF	IShares DAX	Futures
F2MX	MDAX Futures	Futures
FATF	ATX Five Index	Futures
FATX	ATX Index	Futures
FBTM	Mid-Term Euro BTP	Futures
FBTP	Euro-BTP	Futures
FBTS	Short Term Euro-BTP	Futures

## Eurex (con't)

Symbol	Description	Instrument
FBUT	Butter	Futures
FCAG	DJ AIG Agriculture Sub Index	Futures
FCCO	DJ AIG Commodity Index	Futures
<b>FCEE</b>	<b>CECE EUR Index</b>	<b>Futures</b>
FCEF	EURCHF	Futures
FCEN	DJ AIG Energy Sub Index	Futures
FCEP	EURGBP	Futures
FCEU	EURUSD	Futures
FCGR	DJ UBS Grains Subindex	Futures
FCIN	DJ AIG Industrial Metals Sub Index	Futures
FCLI	DJ UBS Livestock Subindex	Futures
FCPE	DJ UBS Petroleum Subindex	Futures
FCPF	GBPCHF	Futures
FCPR	DJ UBS Precious Metals Subindex	Futures
FCPU	GBPUSD	Futures
FCSO	DJ UBS Softs Subindex	Futures
FCUF	USDCHF	Futures
FCXA	Dow Jones-UBS ex-Agriculture Index	Futures
FCXB	Dow Jones-UBS ex-Agr. & Livestock Index	Futures
FCXE	DJ UBS ExEnergy Subindex	Futures
FCXI	Dow Jones-UBS ex-Industrial Metals Index	Futures
FCXL	Dow Jones-UBS ex-Livestock Index	Futures
FCXP	Dow Jones-UBS ex-Precious Metals Index	Futures
FCXR	Dow Jones-UBS ex-Grains Index	Futures
FCXS	Dow Jones-UBS ex-Softs Index	Futures
FCXT	Dow Jones-UBS ex-Petroleum Index	Futures
FD3D	DJ Euro Stoxx Select Dividend 30	Futures
FDIV	DivDAX Index	Futures
FDVD	DivDax Dividend Futures	Futures
FDXD	DAX Kursindex Dividend Futures	Futures
FEBD	EURO STOXX Banks Index Dividend	Futures
FEED	EURO STOXX Oil & Gas Index Dividend	Futures
FEID	EURO STOXX Insurance Index Dividend	Futures
FEPP	European Processing Potatoes	Futures
FESL	DJ Euro STOXX Real Estate Index	Futures
FETD	EURO STOXX Telecom Index Dividend	Futures

## Eurex (con't)

Symbol	Description	Instrument
FEU	EURIBOR 3-Month	Futures
FEUD	EURO STOXX Utilities Index Dividend	Futures
FEXD	Dow Jones EURO STOXX 50	Futures
FGBX	Euro Buxl 30-Year	Futures
FGFX	Gold	Futures
FGSB	DJ Banks Titans 30 Index	Futures
FGSE	DJ Oil & Gas Titans 30 Index	Futures
FGSI	DJ Insurance Titans	Futures
FGST	DJ Telecommunications Titans 30 Index	Futures
FGSU	DJ Utilities Titans 30 Index	Futures
FHOG	Eurex Hogs	Futures
FLCE	Euro STOXX Large	Futures
FLCP	STOXX Europe Large 200	Futures
FLIC	One-Month EUR Secured Funding	Futures
FMAC	MSCI ACWI	Futures
FMAS	MSCI AC Asia Pacific ex Japan	Futures
FMAU	MACI Australia	Futures
FMCE	Euro Stoxx Mid	Futures
FMCP	STOXX Europe Mid 200	Futures
FMEG	MSCI Europe Growth Index	Futures
FMEU	MSCI Europe	Futures
FMEV	MSCI Europe Value Index	Futures
FMFM	MSCI Frontier Markets	Futures
FMGR	MSCI Greece	Futures
FMHK	MSCI Hong Kong	Futures
FMID	MSCI Indonesia	Futures
FMJP	MSCI Japan	Futures
FMKG	MSCI Kokusai (GTR)	Futures
FMKN	MSCI Kokusai	Futures
FMNZ	MSCI New Zealand	Futures
FMPX	MSCI Pacific ex Japan	Futures
FMQA	MSCI Qatar	Futures
FMRU	MSCI Russia Index	Futures
FMUA	MSCI UAE	Futures
FMUK	MSCI UK	Futures
FMUS	MSCI USA	Futures

## Eurex (con't)

Symbol	Description	Instrument
FMWM	MSCI World Midcap	Futures
FMWO	MSCI World	Futures
FOAM	Mid-Term Euro-OAT	Futures
FOAT	Euro OAT	Futures
FOX	OMXH25	Futures
FPIG	Eurex Piglets	Futures
FRDE	RDX EUR Index	Futures
FRDX	RDX USD Index Futures	Futures
FSBD	STOXX Europe 600 Banks Index Dividend	Futures
FSCE	Euro STOXX Small	Futures
FSCP	STOXX Europe Small 200	Futures
FSED	STOXX Europe 600 Oil & Gas Index Dividend	Futures
FSEN	SENSEX	Futures
FSFX	Silver	Futures
FSID	STOXX Europe 600 Insurance Index Dividend	Futures
FSMD	SMI Index Dividend Futures	Futures
FSMM	SMIM	Futures
FSMP	Skimmed Milk Powder	Futures
FSTA	STOXX Europe 600 Automobiles & Parts	Futures
FSTC	STOXX Europe 600 Chemicals	Futures
FSTD	STOXX Europe 600 Telecom Index Dividend	Futures
FSTE	STOXX Europe 600 Oil & Gas	Futures
FSTG	STOXX Europe 600 Industrial G&S	Futures
FSTI	STOXX Europe 600 Insurance	Futures
FSTL	DJ STOXX 6000 Real Estate Index	Futures
FSTM	STOXX Europe 600 Media	Futures
FSTN	STOXX Europe 600 Construction & Material	Futures
FSTO	STOXX Europe 600 Food & Beverage	Futures
FSTR	STOXX Europe 600 Retail	Futures
FSTS	STOXX Europe 600 Basic Resources	Futures
FSTV	STOXX Europe 600 Travel & Leisure	Futures
FSTZ	STOXX Europe 600 Pers & Household Goods	Futures
FSUD	STOXX Europe 600 Utilities Index Dividend	Futures
FT25	TA-25 Index	Futures
FT50	DJ Global Titans 50 Index	Futures
FTX	Daily Futures on TAIFEX	Futures

## Eurex (con't)

Symbol	Description	Instrument
FVS	Mini VSTOXX	Futures
FWHY	European Whey Powder	Futures
FXGL	Xetra-Gold	Futures
FXXE	Euro STOXX	Futures
FXXP	STOXX Europe 600	Futures
PAIN	IPD UK Annual All Industrial	Futures
PAOF	IPD UK Annual All Office	Futures
PARE	IPD UK Annual All Retail	Futures
PCOF	IPD UK Quarterly City Office Index	Futures
PREW	IPD UK Quarterly Retail Warehouse Index	Futures
PSEI	IPD UK Quarterly SE Industrial Index	Futures
PSOP	IPD UK Quarterly Shopping Centre Index	Futures
PWOF	IPD UK Quarterly West End & Midtown Office Index	Futures
SC	10-Year Swiss Bond	Futures
STB	STOXX Europe 600 Banks	Futures
STH	STOXX Europe 600 Healthcare	Futures
STT	STOXX Europe 600 Telecoms	Futures
STU	STOXX Europe 600 Utilities	Futures
STY	STOXX Europe 600 Technology	Futures
SW	Swiss Market Index	Futures
TDX	TexDAX Performance Index	Futures
DB	Euro Bund 10-Year	Options
DC	DAX Cash Options	Options
DG	Euro Schatz 2-Year	Options
DL	Euro Bobl 5-Year	Options
DSX	Dow Jones Euro STOXX 50	Options
FEU	EURIBOR 3-Month	Options
FEXD	Dow Jones Euro STOXX 50 Index	Options
OATF	ATX Five Index	Options
OATX	ATX Index	Options
OCEE	CECE EUR Index Options	Options
OCEF	EURCHF	Options
OCEP	EURGBP	Options
OCEU	EURUSD	Options
OCPF	GBPCHF	Options
OCPU	GBPUSD	Options

Eurex (con't)

Symbol	Description	Instrument
OCUF	USDCHF	Options
ODX1	DAX 1st Friday	Options
ODX2	DAX 2nd Friday	Options
ODX4	DAX 4th Friday	Options
ODX5	DAX 5th Friday	Options
OE1M	EURIBOR 1-Year Mid-Curve	Options
OE2M	EURIBOR 2-Year Mid-Curve	Options
OE3M	EURIBOR 3-Year Mid-Curve	Options
OE4M	EURIBOR 4-Year Mid-Curve	Options
OEB	EURO STOXX Banks Weekly	Options
OES1	Euro STOXX 50 1st Friday	Options
OES2	Euro STOXX 50 2nd Friday	Options
OES4	Euro STOXX 50 4th Friday	Options
OES5	Euro STOXX 50 5th Friday	Options
OESB	EURO STOXX Banks	Options
OEXF	EURO STOXX 50 ex Financials	Options
OGFX	Gold (European)	Options
OKS2	KOSPI 200 Index	Options
OMRU	MSCI Russia Index Options	Options
OOAT	Euro-OAT Options	Options
ORDE	RDX EUR Index Options	Options
ORDX	RDX USD Index Options	Options
OSEN	SENSEX-Index	Options
OSFX	Silver (European)	Options
OTX	Daily Options on TAIFEX	Options
OVS	VSTOXX Index	Options
OXGL	Xetra-Gold	Options
OXT	Weekly Options on TAIFEX	Options
FEUP	EURIOBOR, 3-month	Pack

European Climate Exchange (ECX) (trades through ICE)

Symbol	Description	Instrument
UXS	ECX EUA	Calendar spread
CER	ECX Carbon Financial Instrument CER	Futures
CERT	ECX CER TAS	Futures
ECFT	ECX EUA TAS	Futures

ECX (con't)

Symbol	Description	Instrument
UX	ECX EUA	Futures
CERECF	ECX CER/EUA	Intercommodity spread
UX	ECX EUA	Options

European Energy Exchange (EEX)

Symbol	Description	Instrument
FEXF	EURO STOXX 50 ex Financials	Futures

GETDirect

Symbol	Description	Instrument
GUS02	US 2-Year Treasuries	Fixed Income
GUS03	US 3-Year Treasuries	Fixed Income
GUS05	US 5-Year Treasuries	Fixed Income
GUS07	US 7-Year Treasuries	Fixed Income
GUS10	US 10-Year Treasuries	Fixed Income
GUS30	US 30-Year Treasuries	Fixed Income

Globex

Symbol	Description	Instrument
EDAB	Eurodollar	Bundle
GEBB	Euribor	Bundle
EDAL	Eurodollar 3-Month LIBOR	Butterfly
GEBL	Euribor	Butterfly
GFL	Feeder Cattle	Butterfly
GLEL	Live Cattle	Butterfly
HEL	Lean Hogs	Butterfly
CCBS	Cash-Settled Butter	Calendar spread
CPOS	Crude Palm Oil	Calendar spread
CSCS	Cheese	Calendar spread
EDAS	Eurodollar 3-Month LIBOR	Calendar spread
FXDS	Dow Jones FX\$INDEX	Calendar spread
GDCS	Milk Class III	Calendar spread
GDKS	Milk Class IV	Calendar spread
GDS	Goldman Sachs Commodity Index	Calendar spread
GDYS	CME Dry Whey	Calendar spread
GEBS	Euribor	Calendar spread

## Globex (con't)

Symbol	Description	Instrument
GFS	Feeder Cattle	Calendar spread
GLBS	1-Month Eurodollar	Calendar spread
GLES	Live Cattle	Calendar spread
GNFS	Nonfat Dry Milk	Calendar spread
HES	Lean Hogs	Calendar spread
LBSS	Lumber	Calendar spread
U2BS	2-Year Eurodollar Bundle	Calendar spread
U3BS	3-Year Eurodollar Bundle	Calendar spread
U5BS	5-Year Eurodollar Bundle	Calendar spread
YRS	Euro FX/Japanese Yen	Calendar spread
EDAC	Eurodollar	Condor
EDAD	Eurodollar	Double Butterfly
ACD	Australian Dollar/Canadian Dollar	Futures
AJY	Australian Dollar/Japanese Yen	Futures
ANE	Australian Dollar/New Zealand Dollar	Futures
BIBV	USD-Denominated Ibovespa	Futures
BP6	British Pound	Futures
BR6	Brazilian Real	Futures
CA6	Canadian Dollar	Futures
CCB	Cash-Settled Butter	Futures
CHL	US Dollar/Chilean Peso	Futures
CJY	Canadian Dollar - Japanese Yen	Futures
CNH	Offshore Renminbi	Futures
CNY	USD/RMB	Futures
CPO	Crude Palm Oil	Futures
CSC	Cheese	Futures
DA6	Australian Dollar	Futures
EAD	Euro FX/Australian Dollar	Futures
EB	Euro/British Pound	Futures
ECD	Euro FX/Canadian Dollar	Futures
ED4	Eurodollar Front Month	Futures
EDA	Eurodollar 3-Month LIBOR	Futures
EEU	E-mini EuroFX	Futures
EJY	E-mini Japanese Yen	Futures
EMD	E-mini S&P MidCap 400	Futures
EMF	E-mini S&P CNX Nifty 50 Index	Futures

## Globex (con't)

Symbol	Description	Instrument
ENC	E-mini NASDAQ Composite Index	Futures
ENK	Euro FX/Norwegian Krone	Futures
ENQ	E-mini NASDAQ 100 Index	Futures
ENY	E-mini Nikkei 225 (Yen Denominated)	Futures
EP	E-mini S&P 500 Index	Futures
ER	Bloomberg Commodity Index	Futures
ESK	Euro FX/Swedish Krona	Futures
EU6	EuroFX	Futures
EYA	Euroyen TIBOR	Futures
FR	Euro FX/Swiss Franc	Futures
FXD	Dow Jones FX\$INDEX	Futures
GBOS	CME Housing Boston	Futures
GCHI	CME Housing Chicago	Futures
GCUS	CME Housing Composite Index	Futures
GCZK	Czech Koruna	Futures
GD	Goldman Sachs Commodity Index	Futures
GDC	Milk Class III	Futures
GDEN	CME Housing Denver	Futures
GDK	Milk Class IV	Futures
GDY	Dry Whey	Futures
GE5	Eurodollar Mid-Curve 5-Year	Futures
GEB	Euribor	Futures
GECK	Euro FX/Czech Koruna	Futures
GEPZ	Euro FX/Polish Zloty	Futures
GF	Feeder Cattle	Futures
GLAV	CME Housing Las Vegas	Futures
GLAX	CME Housing Los Angeles	Futures
GLB	1-Month Eurodollar	Futures
GLE	Live Cattle	Futures
GMCD	E-micro CAD/USD	Futures
GMIA	CME Housing Miami	Futures
GNF	Nonfat Dry Milk	Futures
GNYM	CME Housing New York	Futures
GPLN	Polish Zloty	Futures
GSDG	CME Housing San Diego	Futures
GSFR	CME Housing San Francisco	Futures

Globex (con't)

Symbol	Description	Instrument
GWDC	CME Housing Washington DC	Futures
H1	Heating Degree Days (Atlanta)	Futures
H2	Heating Degree Days (Chicago)	Futures
H4	Heating Degree Days (New York)	Futures
H5	Heating Degree Days (Dallas)	Futures
HDQ	Heating Degree Days (Minneapolis)	Futures
HE	Lean Hogs	Futures
ILS	Israeli Shekel	Futures
JY6	Japanese Yen	Futures
KRW	Korean Won	Futures
LBA	Lehman Brothers US Aggregate Index	Futures
LBS	Lumber	Futures
M6A	E-micro AUD/USD	Futures
M6B	E-micro GBP/USD	Futures
M6C	E-micro USD/CAD	Futures
M6E	E-micro EUR/USD	Futures
M6J	E-micro USD/JPY	Futures
M6S	E-micro USD/CHF	Futures
MIE	S&P MidCap 400 Index (Night session)	Futures
MIR	E-Micro INR/USD	Futures
MJY	E-micro JPY/USD	Futures
MLP	S&P MLP Index	Futures
MNF	E-micro S&P CNX Nifty 50 Index	Futures
MNH	E-micro USD/CNH	Futures
MNY	E-micro USD/RMB	Futures
MSF	E-micro CHF/USD	Futures
MX6	Mexican Peso	Futures
NDA	NASDAQ 100 Index	Futures
NDE	NASDAQ 100 Index (Night Session)	Futures
NE6	New Zealand Dollar	Futures
NIY	Yen-Denominated Nikkei 225	Futures
NK6	Norwegian Krona	Futures
NKD	Nikkei 225	Futures
PJY	British Pound/Japanese Yen	Futures
PSF	British Pound/Swiss Franc	Futures
RMB	Chinese Renminbi - US Dollar	Futures

Globex (con't)

Symbol	Description	Instrument
RU6	Russian Ruble	Futures
SA6	South African Rand	Futures
SF6	Swiss Franc	Futures
SIR	Indian Rupee	Futures
SJY	Swiss Franc/Japanese Yen	Futures
SK6	Swedish Krona	Futures
SMC	E-mini S&P SmallCap 600 Futures	Futures
SPA	S&P 500 Index	Futures
SPE	S&P 500 Index (Night Session)	Futures
TRE	Euro/Turkish Lira	Futures
TRY	US Dollar/Turkish Lira	Futures
U2B	2-Year Eurodollar Bundle	Futures
U3B	3-Year Eurodollar Bundle	Futures
U5B	5-Year Eurodollar Bundle	Futures
VAQ	AUD/USD Quarterly Variance	Futures
VAS	AUD/USD Semi-Annual Variance	Futures
VAY	AUD/USD Annual Variance	Futures
VEA	Euro/USD Annual Variance	Futures
VEQ	Euro/USD Quarterly Variance	Futures
VES	Euro/USD Semi-Annual Variance	Futures
VJQ	JPY/USD Quarterly Variance	Futures
VJS	JPY/USD Semi-Annual Variance	Futures
VJY	JPY/USD Annual Variance	Futures
VPA	GBP/USD Annual Variance	Futures
VPQ	GBP/USD Quarterly Variance	Futures
VPS	GBP/USD Semi-Annual Variance	Futures
XAB	E-mini Materials Select Sector Index	Futures
XAE	E-mini Energy Select Sector Index	Futures
XAF	E-mini Financial Select Sector Index	Futures
XAI	E-mini Industrial Select Sector Index	Futures
XAK	E-mini Technology Select Sector Index	Futures
XAP	E-mini Consumer Staples Select Sector Ind	Futures
XAU	E-mini Utilities Select Sector Index	Futures
XAV	E-mini Health Care Select Sector Index	Futures
XAY	E-mini Consumer Discretionary Sel Sct Ind	Futures
YR	Euro/Yen	Futures

## Globex (con't)

Symbol	Description	Instrument
ZAR	USD/ZAR	Futures
CHG10	Live Cattle/Lean Hogs	Intercommodity spread
CSCGDC	Cheese/Milk III	Intercommodity spread
GDCGDK	Milk Class III v. Milk Class IV	Intercommodity spread
BP6	British Pound	Options
BP61	British Pound Week 1	Options
BP62	British Pound Week 2	Options
BP63	British Pound Week 3	Options
BP64	British Pound Week 4	Options
BP65	British Pound Week 5	Options
CA6	Canadian Dollar	Options
CA61	Canadian Dollar Week 1	Options
CA62	Canadian Dollar Week 2	Options
CA63	Canadian Dollar Week 3	Options
CA64	Canadian Dollar Week 4	Options
CA65	Canadian Dollar Week 5	Options
CCB	Cash-Settled Butter	Options
CSC	Cheese	Options
DA6	Australian Dollar	Options
DA61	Australian Dollar Week 1	Options
DA62	Australian Dollar Week 2	Options
DA63	Australian Dollar Week 3	Options
DA64	Australian Dollar Week 4	Options
DA65	Australian Dollar Week 5	Options
DNE	NASDAQ 100 End-of-Month	Options
E01	Eurodollar Weekly Mid-Curve	Options
EDA	Eurodollar 3-Month LIBOR	Options
EMD	E-mini MidCap 400	Options
ENQ	E-mini NASDAQ 100 Index	Options
EP	E-mini S&P 500 Index	Options
EU6	EuroFX	Options
EU61	EuroFX Week 1	Options
EU62	EuroFX Week 2	Options
EU63	EuroFX Week 3	Options
EU64	EuroFX Week 4	Options
EU65	EuroFX Week 5	Options

## Globex (con't)

Symbol	Description	Instrument
EV	S&P 500 EOM	Options
EV1	S&P 500 Week 1	Options
EV2	S&P 500 Week 2	Options
EV4	S&P 500 Week 4	Options
EW	E-mini S&P 500 EOM	Options
EW1	E-mini S&P 500 Week 1	Options
EW2	E-mini S&P 500 Week 2	Options
EW4	E-mini S&P 500 Week 4	Options
FR	Euro FX/Swiss Franc	Options
GDC	Milk Class III	Options
GDK	Milk Class IV	Options
GE	Eurodollar	Options
GE0	Eurodollar Mid-Curve 1-Year	Options
GE2	Eurodollar Mid-Curve 2-Year	Options
GE3	Eurodollar Mid-Curve 3-Year	Options
GE5	Eurodollar Mid-Curve 5-Year	Options
GF	Feeder Cattle	Options
GNF	Nonfat Dry Milk	Options
GNP	Deliverable Nonfat Dry Milk	Options
GXB	British Pound (European)	Options
GXS	Swiss Franc (European)	Options
HE	Lean Hogs	Options
JY6	Japanese Yen	Options
JY61	Japanese Yen Week 1	Options
JY62	Japanese Yen Week 2	Options
JY63	Japanese Yen Week 3	Options
JY64	Japanese Yen Week 4	Options
JY65	Japanese Yen Week 5	Options
LBS	Lumber	Options
NDA	NASDAQ 100 Index (all sessions)	Options
NE6	New Zealand Dollar	Options
NKW	Nikkei 225 (Yen Denom.) Quarterly Options	Options
NKY	Nikkei 225 (Yen Denom.) Serial Options	Options
QN1	E-Mini NASDAQ 100 Week 1 Option	Options
QN2	E-Mini NASDAQ 100 Week 2 Option	Options
QN4	E-Mini NASDAQ 100 Week 4 Option	Options



## Globex (con't)

Symbol	Description	Instrument
QN5	E-Mini NASDAQ 100 Week 5 Option	Options
QNE	E-Mini NASDAQ 100 End-of-Month	Options
SF61	Swiss Franc Week 1	Options
SF62	Swiss Franc Week 2	Options
SF63	Swiss Franc Week 3	Options
SF64	Swiss Franc Week 4	Options
SF65	Swiss Franc Week 5	Options
SMC	E-mini S&P SmallCap 600	Options
XD	Canadian Dollar (European)	Options
XJ	Japanese Yen (European)	Options
XT	Euro FX (European)	Options
YR	Euro FX/Japanese Yen	Options
ZQE	Fed Funds 30-Day Interest Rate	Options
EDAP	Eurodollar	Pack
GEBP	Euribor	Pack
EDAPB	Eurodollar	Pack butterfly
EDAY	Eurodollar	Pack spread
ACDW	Australian Dollar/Canadian Dollar	Reverse spread
AJYW	Australian Dollar/Japanese Yen	Reverse spread
BP6W	British Pound	Reverse spread
BR6W	Brazilian Real	Reverse spread
CA6W	Canadian Dollar	Reverse spread
CHLW	US Dollar/Chilean Peso	Reverse spread
CJYW	Canadian Dollar/Japanese Yen	Reverse spread
CNHW	Offshore Renminbi	Reverse spread
CNYW	USD/RMB	Reverse spread
DA6W	Australian Dollar	Reverse spread
EBW	Euro/British Pound	Reverse spread
EEUW	E-mini EuroFX	Reverse spread
EJYW	E-mini Japanese Yen	Reverse spread
EMDW	E-mini MidCap 400	Reverse spread
EMFW	E-mini S&P CNX Nifty 50 Index	Reverse spread
ENQW	E-mini NASDAQ 100	Reverse spread
EPW	E-mini S&P 500	Reverse spread
EU6W	EuroFX	Reverse spread
FRW	Euro FX/Swiss Franc	Reverse spread

## Globex (con't)

Symbol	Description	Instrument
GDW	Goldman Sachs Commodity Index	Reverse spread
GEPZW	Euro FX/Polish Zloty	Reverse spread
GMCDW	E-Micro CAD/USD	Reverse spread
GPLNW	Polish Zloty	Reverse spread
ILSW	Israeli Shekel	Reverse spread
JY6W	Japanese Yen	Reverse spread
M6AW	E-Micro AUD/USD	Reverse spread
M6BW	E-Micro GBP/USD	Reverse spread
M6EW	E-Micro EUR/USD	Reverse spread
M6JW	E-Micro USD/JPY	Reverse spread
M6SW	E-Micro USD/CHF	Reverse spread
MIRW	E-Micro INR/USD	Reverse spread
MJYW	E-Micro JPY/USD	Reverse spread
MLPW	S&P MLP Index	Reverse spread
MNFW	E-micro S&P CNX Nifty 50 Index	Reverse spread
MNHW	E-micro USD/CNH	Reverse spread
MSFW	E-Micro CHF/USD	Reverse spread
MX6W	Mexican Peso	Reverse spread
NE6W	New Zealand Dollar	Reverse spread
NIYW	Yen-Denominated Nikkei 225	Reverse spread
NK6W	Norwegian Krona	Reverse spread
NKDW	Nikkei 225	Reverse spread
PJYW	British Pound/Japanese Yen	Reverse spread
RU6W	Russian Ruble	Reverse spread
SA6W	South African Rand	Reverse spread
SF6W	Swiss Franc	Reverse spread
SIRW	Indian Rupee	Reverse spread
SJYW	Swiss Franc/Japanese Yen	Reverse spread
SK6W	Swedish Krona	Reverse spread
SMCW	E-mini S&P SmallCap 600 Futures	Reverse spread
XABW	E-mini Materials Select Sector Index	Reverse spread
XAEW	E-mini Energy Select Sector Index	Reverse spread
XAFW	E-mini Financial Select Sector Index	Reverse spread
XAIW	E-mini Industrial Select Sector Index	Reverse spread
XAKW	E-mini Technology Select Sector Index	Reverse spread
XAPW	E-mini Consumer Staples Select Sector	Reverse spread

Globex (con't)

Symbol	Description	Instrument
XAUW	E-mini Utilities Select Sector Index	Reverse spread
XAVW	E-mini Health Care Select Sector Index	Reverse spread
XAYW	E-mini Consumer Discretionary Sel Sector	Reverse spread
YRW	Euro FX/Japanese Yen	Reverse spread
ZARW	USD/ZAR	Reverse spread
CCBT	Cash-Settled Butter	Strip
CSCT	Cheese	Strip
GDCT	Milk Class III	Strip
GDKT	Milk Class IV	Strip
GDYT	CME Dry Whey	Strip
GNFT	Nonfat Dry Milk	Strip

GovEx

Symbol	Description	Instrument
GVX01	US 1-Year On-the-Run	Fixed Income
GVX02	US 2-Year On-the-Run	Fixed Income
GVX03	US 3-Year On-the-Run	Fixed Income
GVX05	US 5-Year On-the-Run	Fixed Income
GVX07	US 7-Year On-the-Run	Fixed Income
GVX10	US 10-Year On-the-Run	Fixed Income
GVX1M	1-Month On-the-Run	Fixed Income
GVX30	US 30-Year On-the-Run	Fixed Income
GVX3M	3-Month On-the-Run	Fixed Income
GVX6M	6-Month On-the-Run	Fixed Income

Hong Kong Futures Exchange (HKFE)

Symbol	Description	Instrument
A50	iShares FTSE A50 China Index ETF	Futures
AMC	China AMC CSI 300 Index ETF	Futures
BOV	IBOVESPA	Futures
CHH	CES China 120 Index	Futures
CSA	CSOP FTSE China A50 ETF	Futures
CUS	USD/CNH	Futures
DHH	HSCEI Dividend Point Index	Futures
DHS	HIS Dividend Point Index	Futures
GLD	Gold	Futures

HKFE (con't)

Symbol	Description	Instrument
H3B	HIBOR (3-Month)	Futures
HHI	H-Shares Index	Futures
HKM	MICEX Index	Futures
HKS	Sensex Index	Futures
HSI	Hang Seng Index	Futures
LRA	London Aluminum Mini	Futures
LRCU	London Copper Mini	Futures
LRZ	London Zinc Mini	Futures
MCH	mini-H Shares Index	Futures
MHI	Mini-Hang Seng Index	Futures
SAF	FTSE/JSE Top40	Futures
VHS	HSI Volatility Index	Futures
HHI	H Shares Index	Options
HSI	Hang Seng Index	Options
MHI	Mini-Hang Seng Index	Options
A50W	iShares FTSE A50 China Index ETF	Reverse spread
AMCW	China AMC CSI 300 Index ETF	Reverse spread
CHHW	CES China 120 Index	Reverse spread
CSAW	CSOP FTSE China A50 ETF	Reverse spread
CUSW	USD/CNH	Reverse spread
H3BW	HIBOR (3-Month)	Reverse spread
HHIW	H-Shares Index	Reverse spread
HSIW	Hang Seng Index	Reverse spread
MCHW	Mini H-Shares Index	Reverse spread
MHIW	Mini-Hang Seng Index	Reverse spread

HotSpot FX (HSFX)

Symbol	Description	Instrument
HIAUDCAD	AUD/CAD	Cash spot
HIAUDCHF	AUD/CHF	Cash spot
HIAUDHKD	AUD/HKD	Cash spot
HIAUDJPY	AUD/JPY	Cash spot
HIAUDNZD	AUD/NZD	Cash spot
HIAUDUSD	AUD/USD	Cash spot
HICADJPY	CAD/JPY	Cash spot
HICHFJPY	CHF/JPY	Cash spot

## HSFX (con't)

Symbol	Description	Instrument
HICHFNOK	CHF/NOK	Cash spot
HICHFSEK	CHF/SEK	Cash spot
HIEURAUD	EUR/AUD	Cash spot
HIEURCAD	EUR/CAD	Cash spot
HIEURCHF	EUR/CHF	Cash spot
HIEURCZK	EUR/CZK	Cash spot
HIEURDKK	EUR/DKK	Cash spot
HIEURGBP	EUR/GBP	Cash spot
HIEURHKD	EUR/HKD	Cash spot
HIEURHUF	EUR/HUF	Cash spot
HIEURJPY	EUR/JPY	Cash spot
HIEURNOK	EUR/NOK	Cash spot
HIEURNZD	EUR/NZD	Cash spot
HIEURPLN	EUR/PLN	Cash spot
HIEURRUB	EUR/RUB	Cash spot
HIEURSEK	EUR/SEK	Cash spot
HIEURTRY	EUR/TRY	Cash spot
HIEURUSD	EUR/USD	Cash spot
HIEURZAR	EUR/ZAR	Cash spot
HIGBPAUD	GBP/AUD	Cash spot
HIGBPCAD	GBP/CAD	Cash spot
HIGBPCHF	GBP/CHF	Cash spot
HIGBPCZK	GBP/CZK	Cash spot
HIGBPHUF	GBP/HUF	Cash spot
HIGBPJPY	GBP/JPY	Cash spot
HIGBPNOK	GBP/NOK	Cash spot
HIGBPNZD	GBP/NZD	Cash spot
HIGBPPLN	GBP/PLN	Cash spot
HIGBPSEK	GBP/SEK	Cash spot
HIGBPUSD	GBP/USD	Cash spot
HIHKDJPY	HKD/JPY	Cash spot
HINOKSEK	NOK/SEK	Cash spot
HINZDJPY	NZD/JPY	Cash spot
HINZDUSD	NZD/USD	Cash spot
HIUSDCAD	USD/CAD	Cash spot
HIUSDCHF	USD/CHF	Cash spot

## HSFX (con't)

Symbol	Description	Instrument
HIUSDCNH	USD/CNH	Cash spot
HIUSDCZK	USD/CZK	Cash spot
HIUSDDKK	USD/DKK	Cash spot
HIUSDHKD	USD/HKD	Cash spot
HIUSDHUF	USD/HUF	Cash spot
HIUSDJPY	USD/JPY	Cash spot
HIUSDMXN	USD/MXN	Cash spot
HIUSDNOK	USD/NOK	Cash spot
HIUSDPLN	USD/PLN	Cash spot
HIUSD RUB	USD/RUB	Cash spot
HIUSDSEK	USD/SEK	Cash spot
HIUSD SGD	USD/SGD	Cash spot
HIUSDTRY	USD/TRY	Cash spot
HIUSDZAR	USD/ZAR	Cash spot
HIZARJPY	ZAR/JPY	Cash spot

## HotSpot FX Retail (HSFXR)

Symbol	Description	Instrument
HRAUDCAD	AUD/CAD	Cash spot
HRAUDCHF	AUD/CHF	Cash spot
HRAUDHKD	AUD/HKD	Cash spot
HRAUDJPY	AUD/JPY	Cash spot
HRAUDNZD	AUD/NZD	Cash spot
HRAUDUSD	AUD/USD	Cash spot
HRCADJPY	CAD/JPY	Cash spot
HRCHFJPY	CHF/JPY	Cash spot
HRCHF NOK	CHF/NOK	Cash spot
HRCHFSEK	CHF/SEK	Cash spot
HREURAUD	EUR/AUD	Cash spot
HREURCAD	EUR/CAD	Cash spot
HREURCHF	EUR/CHF	Cash spot
HREURCZK	EUR/CZK	Cash spot
HREURDKK	EUR/DKK	Cash spot
HREURGBP	EUR/GBP	Cash spot
HREURHKD	EUR/HKD	Cash spot
HREURHUF	EUR/HUF	Cash spot

## HSFXR (con't)

Symbol	Description	Instrument
HREURJPY	EUR/JPY	Cash spot
HREURNOK	EUR/NOK	Cash spot
HREURNZD	EUR/NZD	Cash spot
HREURPLN	EUR/PLN	Cash spot
HREURRUB	EUR/RUB	Cash spot
HREURSEK	EUR/SEK	Cash spot
HREURUSD	EUR/USD	Cash spot
HREURZAR	EUR/ZAR	Cash spot
HRGBP AUD	GBP/AUD	Cash spot
HRGBP CAD	GBP/CAD	Cash spot
HRGBP CHF	GBP/CHF	Cash spot
HRGBP CZK	GBP/CZK	Cash spot
HRGBP HUF	GBP/HUF	Cash spot
HRGBP JPY	GBP/JPY	Cash spot
HRGBP NOK	GBP/NOK	Cash spot
HRGBP NZD	GBP/NZD	Cash spot
HRGBP PLN	GBP/PLN	Cash spot
HRGBP SEK	GBP/SEK	Cash spot
HRGBP USD	GBP/USD	Cash spot
HRHKD JPY	HKD/JPY	Cash spot
HRNOK SEK	NOK/SEK	Cash spot
HRNZD JPY	NZD/JPY	Cash spot
HRNZD USD	NZD/USD	Cash spot
HRUSDCAD	USD/CAD	Cash spot
HRUSDCHF	USD/CHF	Cash spot
HRUSDCNH	USD/CNH	Cash spot
HRUSDCZK	USD/CZK	Cash spot
HRUSDDKK	USD/DKK	Cash spot
HRUSDHKD	USD/HKD	Cash spot
HRUSDHUF	USD/HUF	Cash spot
HRUSDJPY	USD/JPY	Cash spot
HRUSDMXN	USD/MXN	Cash spot
HRUSDNOK	USD/NOK	Cash spot
HRUSDPLN	USD/PLN	Cash spot
HRUSD RUB	USD/RUB	Cash spot
HRUSD SEK	USD/SEK	Cash spot

## HSFXR (con't)

Symbol	Description	Instrument
HRUSD SGD	USD/SGD	Cash spot
HRUSD TRY	USD/TRY	Cash spot
HRUSD ZAR	USD/ZAR	Cash spot
HRZAR JPY	ZAR/JPY	Cash spot

## ICE Basildon

Symbol	Description	Instrument
QSAB	Short Sterling, 3-Month	Bundle
QFAS	FTSE 100 Index	Calendar spread
LMPE	MSCI Europe Index	Futures
LYZ	FTSE 100 Declared Dividend Index	Futures
MCU	MSCI Euro Index	Futures
QFA	FTSE 100 Index	Futures
XZ	FTSE 100 Dividend Index	Futures
Y2	FTSE 250 Index	Futures
QE5	EURIBOR Mid-Curve 5 year	Options
QS5	Short Sterling Mid-Curve 5 Year	Options
QXE	FTSE 100 Index Options (Euro)	Options

## ICE Futures Canada

Symbol	Description	Instrument
BBWS	Barley	Calendar spread
DDWS	Durum Wheat	Calendar spread
WAS	Milling Wheat	Calendar spread
WRS	Canola	Calendar spread
BBW	Barley	Futures
DDW	Durum Wheat	Futures
WA	Milling Wheat	Futures
WR	Canola	Futures
BBW	Barley	Options
DDW	Durum Wheat	Options
WA	Milling Wheat	Options
WR	Canola	Options

## ICE Futures U.S.

Symbol	Description	Instrument
BNXTS	Brent NX TAS	Calendar spread
CCES	Cocoa	Calendar spread
CCETS	Cocoa TAS	Calendar spread
CTES	Cotton	Calendar spread
CTETS	Cotton TAS	Calendar spread
IBOS	Cash-Settled U.S. Soybean Oil	Calendar spread
ICNS	Cash-Settled U.S. Corn	Calendar spread
ISS	Cash-Settled U.S. Soybean	Calendar spread
IWS	Cash-Settled U.S. Wheat	Calendar spread
IZMS	Cash-Settled U.S. Soybean Meal	Calendar spread
KCES	Coffee	Calendar spread
KCETS	Coffee TAS	Calendar spread
OJES	Orange Juice	Calendar spread
OJETS	Orange Juice A (FCOJ-A) TAS	Calendar spread
SBES	Sugar #11	Calendar spread
SBETS	Sugar #11 TAS	Calendar spread
SFES	Sugar Domestic #16	Calendar spread
ARE	AUD-NZD	Futures
ASE	Australian/Canadian Dollar	Futures
CCE	Cocoa	Futures
CCET	Cocoa TAS	Futures
CIE	Continuous Commodity Index	Futures
CTE	Cotton	Futures
CTET	Cotton TAS	Futures
DXE	Dollar Index	Futures
DXET	Dollar Index TAS	Futures
ETR	Turkish Lira/Euro	Futures
EZE	Euro/Czech Kouna	Futures
G2E	Russell 2000 Growth Index	Futures
GNE	Sterling/New Zealand Dollar	Futures
HRE	Euro/Hungarian Forint	Futures
HYE	Canadian Dollar/Japanese Yen	Futures
IAU	ICE Million Australian Dollar/USD	Futures
IBO	Cash-Settled U.S. Soybean Oil	Futures
IBOT	Cash-Settled U.S. Soybean Oil TAS	Futures
ICN	Cash-Settled U.S. Corn	Futures

## ICE Futures U.S. (con't)

Symbol	Description	Instrument
ICNT	Cash-Settled U.S. Corn TAS	Futures
IEJ	ICE Million Euro/Japanese Yen	Futures
IEO	ICE Million Euro/USD	Futures
IEP	ICE Million Euro/Canadian Dollar	Futures
IGB	ICE Million Euro/British Pound	Futures
IKX	ICE Million USD/Swedish Krona	Futures
IMF	ICE Million USD/Swiss Franc	Futures
IMP	ICE Million British Pound/USD	Futures
IRK	ICE Million Euro/Swedish Krona	Futures
IRZ	ICE Million Euro/Swiss Franc	Futures
IS	Cash-Settled U.S. Soybean	Futures
ISL	Israeli Shekel/US Dollar	Futures
ISN	ICE Million USD/Japanese Yen	Futures
IST	Cash-Settled U.S. Soybean TAS	Futures
ISV	ICE Million USD/Canadian Dollar	Futures
IW	Cash-Settled U.S. Wheat	Futures
IWT	Cash-Settled U.S. Wheat TAS	Futures
IZM	Cash-Settled U.S. Soybean Meal	Futures
IZMT	Cash-Settled U.S. Soybean Meal TAS	Futures
KAU	New Australian Dollar/US Dollar	Futures
KBX	Brazil Real/US Dollar	Futures
KCE	Coffee	Futures
KCET	Coffee TAS	Futures
KCU	Colombian Peso/US Dollar	Futures
KEJ	New Euro/Japanese Yen	Futures
KEO	New Euro/US Dollar	Futures
KEOT	New Euro/US Dollar TAS	Futures
KEP	New Euro/Canadian Dollar	Futures
KGB	New Euro/British Pound	Futures
KIU	Indian Rupee/ US Dollar	Futures
KJE	Swedish Krona/Yen	Futures
KMF	Swiss Franc/US Dollar	Futures
KMP	Mexican Peso/US Dollar	Futures
KOL	New Euro/Norwegian Krone	Futures
KRA	New Euro/Australian Dollar	Futures
KRK	New Euro/Swedish Krona	Futures

## ICE Futures U.S. (con't)

Symbol	Description	Instrument
KRU	Russian Ruble/US Dollar	Futures
KRZ	New Euro/Swiss Franc	Futures
KSN	Japanese Yen/US Dollar	Futures
KSV	Canadian Dollar/US Dollar	Futures
KXE	US Dollar/Swedish Krona	Futures
KYE	Norwegian Krone/Japanese Yen	Futures
KZX	New Zealand Dollar/US Dollar	Futures
KZY	New Swiss Franc/Japanese Yen	Futures
MPE	Small British Pound/US Dollar	Futures
NJE	Norwegian Krone/Swedish Krona	Futures
NTE	US Dollar/Norwegian Krone	Futures
OJE	Orange Juice	Futures
OJET	Orange Juice A (FCOJ-A) TAS	Futures
OPE	Sterling/Swedish Krona	Futures
ORE	US Dollar/South African Rand	Futures
PCE	Sterling/Canadian Dollar	Futures
PEL	Polish Zloty/Euro	Futures
PKE	Sterling/Norway Krone	Futures
PLN	Polish Zloty/US Dollar	Futures
PZE	Sterling/South African Rand	Futures
QAE	Sterling/Australian Dollar	Futures
RFE	Mini-Russell 1000	Futures
RFET	Russell 1000 Index Mini TAS	Futures
RGE	Russell 1000 Growth	Futures
RGE	Russell 1000 Growth	Futures
RGET	Russell 1000 Growth Index Mini TAS	Futures
RVE	Russell 1000 Value	Futures
RVET	Russell 1000 Value Index Mini TAS	Futures
SBE	Sugar #11	Futures
SBET	Sugar #11 TAS	Futures
SFE	Sugar Domestic #16	Futures
SSE	GBP/CHF Cross Rate	Futures
SYE	GBP/JPY Cross Rate	Futures
TFE	Russell 2000 Index Mini (\$100)	Futures
TFET	Russell 2000 Index Mini TAS	Futures
TRM	Turkish Lira/US Dollar	Futures

## ICE Futures U.S. (con't)

Symbol	Description	Instrument
V2E	Russell 2000 Value Index	Futures
VCE	US Dollar/Czech Koruna	Futures
VUE	US Dollar/Hungarian Forint	Futures
WIG	Markit CDX Investment Grade WI	Futures
YAE	AUD/JPY	Futures
ZJE	New Zealand Dollar/Japanese Yen	Futures
CCE	Cocoa	Options
CTE	Cotton	Options
DXE	Dollar Index	Options
IBO	Cash-Settled U.S. Soybean Oil	Options
ICN	Cash-Settled U.S. Corn	Options
IS	Cash-Settled U.S. Soybean	Options
IW	Cash-Settled U.S. Wheat	Options
IZM	Cash-Settled U.S. Soybean Meal	Options
KCE	Coffee	Options
OJE	Orange Juice	Options
RFE	Mini-Russell 1000	Options
SBE	Sugar #11	Options
TFE	Russell 2000 Index Mini	Options
AREW	AUD/NZD	Reverse spread
ASEW	Australian/Canadian Dollar	Reverse spread
DXETW	Dollar Index TAS	Reverse spread
DXEW	Dollar Index	Reverse spread
ETRW	Turkish Lira/Euro	Reverse spread
EZEW	Euro/Czech Koruna	Reverse spread
GNEW	Sterling/New Zealand Dollar	Reverse spread
HREW	Euro/Hungarian Forint	Reverse spread
HYEW	Canadian Dollar/Japanese Yen	Reverse spread
ISLW	Israeli Shekel/US Dollar	Reverse spread
KBXW	Brazil Real/US Dollar	Reverse spread
KEJW	New Euro/Japanese Yen	Reverse spread
KEOW	New Euro/US Dollar	Reverse spread
KIUW	Indian Rupee/US Dollar	Reverse spread
KJEW	Swedish Krona/Japanese Yen	Reverse spread
KOLW	New Euro/Norwegian Krone	Reverse spread
KRKW	New Euro/Swedish Krona	Reverse spread

ICE Futures U.S. (con't)

Symbol	Description	Instrument
KRZW	New Euro/Swiss Franc	Reverse spread
KXEW	US Dollar/Swedish Krona	Reverse spread
KYEW	Norwegian Krone/Japanese Yen	Reverse spread
KZYW	New Swiss Franc/Japanese Yen	Reverse spread
MPEW	Small British Pound/US Dollar	Reverse spread
NJEW	Norwegian Krone/Swedish Krona	Reverse spread
NTEW	US Dollar/Norwegian Krone	Reverse spread
OPEW	Sterling/Swedish Krona	Reverse spread
OREW	US Dollar/South African Rand	Reverse spread
PCEW	Sterling/Canadian Dollar	Reverse spread
PELW	Polish Zloty/Euro	Reverse spread
PKEW	Sterling/Norway Krone	Reverse spread
PLNW	Polish Zloty/US Dollar	Reverse spread
PZEW	Sterling/South African Rand	Reverse spread
QAEW	Sterling/Australian Dollar	Reverse spread
RFEW	Mini-Russell 1000	Reverse spread
RGEW	Russell 1000 Growth	Reverse spread
RVEW	Russell 1000 Value Index Mini (\$100)	Reverse spread
SSEW	GBP/CHF Cross Rate	Reverse spread
SYEW	GBP/JPY Cross Rate	Reverse spread
TFEW	Russell 2000 Index Mini	Reverse spread
TRMW	Turkish Lira/US Dollar	Reverse spread
VCEW	US Dollar/Czech Koruna	Reverse spread
VUEW	US Dollar/Hungarian Forint	Reverse spread
YAEW	AUD/PY	Reverse spread
YZEW	Euro/South African Rand	Reverse spread
ZJEW	New Zealand Dollar/Japanese Yen	Reverse spread
CCET	Cocoa	TAS
CTET	Cotton	TAS
DXET	Dollar Index	TAS
IBOT	Soybean Oil	TAS
ICNT	Corn	TAS
IST	Soybeans	TAS
IWT	Wheat	TAS
KCET	Coffee	TAS

ICE Futures U.S. (con't)

Symbol	Description	Instrument
KEOT	New Euro/Dollar	TAS
OJET	Orange Juice	TAS
RFET	Russell 1000 Index Mini	TAS
RGET	Russell 1000 Growth Index Mini	TAS
RVET	Russell 1000 Value Index Mini	TAS
SBET	Sugar World #11	TAS
TFET	Russell 2000 Index	TAS

ICE UK

Symbol	Description	Instrument
LEDB	Eurodollar	Bundle
LEDL	Eurodollar	Butterfly
LEDS	Eurodollar	Calendar spread
QUS	UK Seasonal Natural Gas	Calendar spread
RPAS	Agency DTCC GCF Repo Index	Calendar spread
RPMS	MBS DTCC GCF Repo Index	Calendar spread
RPTS	US Treasury DTCC GCF Repo Index	Calendar spread
CRF	API 8 South China Coal	Futures
LED	Eurodollar	Futures
QK	ICE Quarterly Richards Bay Coal	Futures
QQA	ICE Quarterly Rotterdam Coal	Futures
QSC	ICE Seasonal Rotterdam Coal	Futures
QSK	ICE Seasonal Richards Bay Coal	Futures
RPA	Agency DTCC GCF Repo Index	Futures
RPM	MBS DTCC GCF Repo Index	Futures
RPT	US Treasury DTCC GCF Repo Index	Futures
LEDP	Eurodollar	Pack

Intercontinental Exchange (ICE)

Symbol	Description	Instrument
BNXS	Brent NX	Calendar spread
BNXTS	Brent NX TAS	Calendar spread
BPMS	ICE UK Base Electricity Futures	Calendar spread
CERS	ICE ECX Carbon Financial Instrument CER	Calendar spread
CEUS	ECX EUAA	Calendar spread

## ICE (con't)

Symbol	Description	Instrument
CRDS	ASCI ICE	Calendar spread
ENS	ICE NYH (RBOB) Gasoline	Calendar spread
ETS	WTI Light Sweet Crude Oil	Calendar spread
ETTS	WTI TAS	Calendar spread
GWES	UK Natural Gas (EUR)	Calendar spread
MECS	ASCI Differential	Calendar spread
MIDS	Middle East Sour Crude	Calendar spread
QHOS	Heating Oil	Calendar spread
QOS	Brent Crude Oil	Calendar spread
QOTS	Brent TAS	Calendar spread
QPS	Gas Oil	Calendar spread
QUS	UK Natural Gas	Calendar spread
UBLS	UK Base Electricity (Gregorian)	Calendar spread
ULSS	Low Sulphur Gasoil	Calendar spread
ULSTS	Low Sulphur Gasoil TAS	Calendar spread
UPLS	UK Peak Electricity (Gregorian)	Calendar spread
ENBNX	NYH (RBOB) Gasoline/Brent NX Futures	Crack
ENET	(RBOB) Gasoline/WTI	Crack
ENQO	NYH (RBOB) Gasoline/Brent Futures	Crack
ETBNX	Brent NX/WTI Futures	Crack
ETQO	ICE Brent/WTI	Crack
QHOBX	Heating Oil/Brent NX Futures	Crack
QHOET	ICE Heating Oil/WTI	Crack
QHOQO	Heating Oil/Brent Crude Oil	Crack
QPBNX	Gasoil/Brent NX Futures	Crack
QPQO	ICE Gas Oil	Crack
ULSBNX	LS Gasoil/Brent NX Futures	Crack
ULSQO	LS Gasoil/Brent Futures	Crack
BNX	Brent NX	Futures
BNXT	Brent NX TAS	Futures
BRNMD	Brent Crude Minute Marker	Futures
BRNMM	Brent Crude Singapore Minute Marker	Futures
CEU	ECX EUAA	Futures
CRD	ASCI	Futures
CRE	Reuters/Jefferies CRB Index	Futures
EN	ICE NYH (RBOB) Gasoline	Futures

## ICE (con't)

Symbol	Description	Instrument
ERU	ECX ERU	Futures
ET	WTI Light Sweet Crude Oil	Futures
ETT	WTI TAS	Futures
GASMD	Gasoil Minute Marker	Futures
GASMM	Gasoil Singapore Minute Marker	Futures
GWE	UK Natural Gas (EUR)	Futures
MEC	ASCI Differential	Futures
MID	Middle East Sour Crude	Futures
MK	Richards Bay Coal	Futures
NCF	Newcastle Coal	Futures
QHO	Heating Oil	Futures
QHOT	NY Harbour Heating Oil TAS	Futures
QMA	Rotterdam Coal	Futures
QO	Brent Crude Oil	Futures
QOT	Brent TAS	Futures
QP	Gas Oil	Futures
QPT	Gasoil TAS	Futures
QU	UK Natural Gas	Futures
QUQ	UK Quarterly Natural Gas	Futures
QUS	UK Seasonal Natural Gas	Futures
QUT	UK Natural Gas TAS	Futures
SUB	FOB Indo Sub-Bit Coal	Futures
UBL	UK Base Electricity (Gregorian)	Futures
UCA	Central Appalachian Coal	Futures
UCP	Powder River Basin Coal	Futures
UCX	CSX Coal	Futures
ULS	Low Sulphur Gasoil	Futures
ULSMD	Low Sulphur Gasoil US Minute Marker	Futures
ULSMM	LS Gasoil Singapore Minute Marker	Futures
ULST	Low Sulphur Gasoil TAS	Futures
UPL	UK Peak Electricity (Gregorian)	Futures
BNXQO	Brent NX/Brent Futures	Intercommodity spread
CERCEU	ECX CER/EUAA Futures	Intercommodity spread
CEUECF	ECX EUAA/EUA	Intercommodity spread
ENQHO	NYH RBOB Gasoline/Heating Oil Futures	Intercommodity spread
ENULS	NYH (RBOB) Gasoline/LS Gasoil Future	Intercommodity spread



## ICE (con't)

Symbol	Description	Instrument
EOEP	Heating Oil/Gasoil	Intercommodity spread
ERUCER	ECX ERU/CER	Intercommodity spread
ERUEUA	ECX ERU/EUA	Intercommodity spread
GPYTFY	GASPOOL/TTF Yearly Spread	Intercommodity spread
QHOULS	Heating Oil/LS Gasoil Futures	Intercommodity spread
ULG	Gasoil 1000ppm/10ppm Low Sulphur	Intercommodity spread
ULSQP	LS Gasoil/Gasoil Futures	Intercommodity spread
BNX	Brent NX	Options
ERU	ECX ERU	Options
ET	WTI Light Sweet Crude Oil	Options
MK	ICE Richards Bay Coal	Options
NCF	gC New Castle Coal	Options
QMA	Rotterdam Coal	Options
QO	Brent Crude	Options
QP	Gas Oil	Options
QU	UK Natural Gas	Options
UHO	Heating Oil	Options
UHU	RBOB Gasoline	Options
BNXT	Brent	TAS
CERT	CER	TAS
CEUT	EUAA	TAS
ECFT	EUA	TAS
ETT	WTI	TAS
MIDT	Middle East Sour Crude	TAS
QHOT	NY Harbour Heating Oil	TAS
QPT	Gasoil	TAS
QUT	Natural Gas	TAS
ULST	Low Sulphur Gasoil	TAS

## Italian Derivatives Market (IDEM)

Symbol	Description	Instrument
ISPS	FTSE MIB	Calendar spread
IMSP	Mini FTSE MIB	Futures
ISP	FTSE MIB	Futures
ISPO	FTSE MIB	Options

## IDEM (con't)

Symbol	Description	Instrument
IMSPW	Mini FTSE MIB	Reverse spread

## Johannesburg Stock Exchange (JSE)/SAFEX Commodity Derivatives

Symbol	Description	Instrument
ALSI	FTSE/JSE Top 40 Index	Futures
CORN	Chicago Corn	Futures
INDI	FTSE/JSE INDI 25 Index	Futures
MEAL	CBOT Soybean Meal	Futures
OILS	CBOT Soybean Oil	Futures
SOYA	Soybeans	Futures
SUNS	Sunflower Seed	Futures
WEAT	Wheat	Futures
WMAZ	White Maize	Futures
YMAZ	Yellow Maize	Futures
ALSI	FTSE/JSE TOP 40 Index	Options
ALSIW	FTSE/JSE TOP 40 Index	Reverse spread

## Korea Exchange (KRX)

Symbol	Description	Instrument
KOS	KOSPI 200 Index	Futures
KOSG	KOSPI 200 Index USG Globex	Futures
KOSW	KOSPI 200 Index	Reverse spread

## Liffe Commodities London

Symbol	Description	Instrument
LRCS	Robusta Coffee (No. 409)	Calendar spread
QCS	Cocoa	Calendar spread
QWS	White Sugar	Calendar spread
VWS	Wheat	Calendar spread
LRC	Robusta Coffee (No. 409)	Futures
QC	Cocoa	Futures
QW	White Sugar	Futures
VW	Wheat	Futures
LRC	Robusta Coffee (No. 409)	Options
QC	Cocoa	Options
QW	White Sugar	Options

Liffe Commodities London (con't)

Symbol	Description	Instrument
VW	Wheat	Options

Liffe Commodities Paris

Symbol	Description	Instrument
PMS	Rapeseed	Calendar spread
PVS	Milling Wheat	Calendar spread
PZS	Maize	Calendar spread
RSMS	Rapeseed Meal	Calendar spreads
RSOS	Rapeseed Oil	Calendar spreads
EOB	Malting Barley	Futures
LEPL	Skimmed Milk Powder	Futures
PM	Rapeseed	Futures
PV	Milling Wheat	Futures
PZ	Maize	Futures
RSM	Rapeseed Meal	Futures
RSO	Rapeseed Oil	Futures
EOB	Malting Barley	Options
OBM	Milling Wheat	Options
OSM	Rapeseed Meal Options	Options
OSO	Rapeseed Oil Options	Options
PM	Rapeseed	Options
PZ	Corn	Options

Liffe Equities & Index Deriv Amsterdam

Symbol	Description	Instrument
FTIS	AEX Index	Calendar spread
AMX	AMX Index	Futures
AXF	AEX Dividend	Futures
F1C	CAC40 Index Week 1	Futures
F2C	CAC40 Index Week 2	Futures
F4C	CAC40 Index Week 4	Futures
F5C	CAC40 Index Week 5	Futures
FSB	Southern European Banks Index NR	Futures
FTI	AEX Index	Futures
MFA	AEX Index Mini	Futures
MFC	CAC-40 Index Mini	Futures

Liffe Equities & Index Deriv Amsterdam (con't)

Symbol	Description	Instrument
AEX	AEX Index	Options
MOA	AEX Index Mini	Options
OSB	Southern European Banks Index NR Option	Options

Liffe Equities & Index Deriv Brussels

Symbol	Description	Instrument
BTS	Bel-20 Index	Calendar spread
BT	Bel-20 Index	Futures
BEL	Bel-20 Index	Options

Liffe Equities & Index Deriv Paris

Symbol	Description	Instrument
PILS	Cac 40 Index	Calendar spread
EFE	FTSEurofirst 80	Futures
EFP	FTSEurofirst 100	Futures
PIL	CAC-40 Index	Futures
XFC	CAC 40 Dividend Index	Futures
PXA	CAC 40	Options
EFEW	FTSEurofirst 80	Reverse spread

Liffe Interest Rate Deriv London

Symbol	Description	Instrument
QEAL3	EURIBOR 3-Month	Butterfly
QSAL3	Short Sterling 3-Month	Butterfly
QNAL	Euroswiss, 3 Month	Butterfly spread
HS	Medium Gilt	Calendar spread
LGSS	Short Gilt	Calendar spread
QBAS	5-Year Euro Swapnote	Calendar spread
QEAS	EURIBOR 3-Month	Calendar spread
QGAS	Long Gilt	Calendar spread
QLAS	10-Year Euro Swapnote	Calendar spread
QSAS	Short Sterling 3-Month	Calendar spread
TWSS	2-Year Euro Swapnote	Calendar spread
US	Ultra Long Gilt	Calendar spread
C05	Medium CONF	Futures
C10	Long CONF	Futures

## Liffe Interest Rate Deriv London (con't)

Symbol	Description	Instrument
E3U	30-Year Euro Swapnote	Futures
EO3	3-Month EONIA Swap Index	Futures
EON	EONIA (1-month)	Futures
GB3	30-Year Sterling Swapnote	Futures
GBO	5-Year Sterling Swapnote	Futures
GBW	2-Year Sterling Swapnote	Futures
H	Medium Gilt	Futures
I02	Short BTP	Futures
I05	Medium BTP	Futures
I10	Long BTP	Futures
L02G	Short Bund (Schatz)	Futures
L05G	Medium Bund (Bobl)	Futures
L10G	Long Bund	Futures
L30G	Ultra Long Bund	Futures
LGBP	10-Year Sterling Swapnote	Futures
LGS	Short Gilt	Futures
LS02	Short Bonos	Futures
LS05	Medium Bonos	Futures
LS10	Long Bonos	Futures
QBA	5-Year Euro Swapnote	Futures
QEA	EURIBOR 3-Month	Futures
QGA	Long Gilt	Futures
QLA	10-Year Euro Swapnote	Futures
QSA	Short Sterling 3-Month	Futures
TWS	2-Year Euro Swapnote	Futures
U	Ultra Long Gilt	Futures
US3	30-Year US Dollar Swapnote	Futures
IEX	EURIBOR/EONIA	Intercommodity spread
QE	EURIBOR 3-Month Pit	Options
QE2	EURIBOR Mid-Curve 2-Year	Options
QE3	EURIBOR Mid-Curve 3-Year	Options
QE4	EURIBOR Mid-Curve 4 Year	Options
QEA	EURIBOR, 3-Month	Options
QEO	Mid-Curve 1-Year	Options
QS	Short Sterling 3-Month Pit	Options
QS2	Short Sterling Mid-Curve 2-Year	Options

## Liffe Interest Rate Deriv London (con't)

Symbol	Description	Instrument
QS3	Short Sterling Mid-Curve 3-Year	Options
QS4	Short Sterling Mid-Curve 4 Year	Options
QSO	Short Sterling Mid-Curve 1-Year	Options
QSAP	Short Sterling, 3-Month	Pack

## London Metal Exchange (LME)

Symbol	Description	Instrument
CODZ	Cobalt	Forwards
FDM	Steel Billet	Forwards
LALZ	(AHD) Aluminium	Forwards
LDKZ	(CAD) Copper	Forwards
LEDZ	(PBD) Lead	Forwards
LMAZ	(AAD) Aluminium Alloy	Forwards
LNIZ	(NID) Nickel	Forwards
LTIZ	(SND) Tin	Forwards
LZHZ	(ZDS) Zinc	Forwards
MODZ	Molybdenum	Forwards
NADZ	(NAD) LME NASAAC Monthly	Forwards
OAD	Aluminium Swap	Futures
OCAD	Copper Swap	Futures
OLD	Aluminium Alloy Swap	Futures
OMD	NASAAC swap	Futures
OND	Nickel Swap	Futures
OPD	Lead Swap	Futures
OSD	Tin Swap	Futures
OZD	Zinc Swap	Futures

## LSE Derivatives Market

Symbol	Description	Instrument
F100S	FTSE 100 Index	Calendar spread
RIOBS	FTSE Russia IOB Index	Calendar spread
DNB	DNB NOR ASA	Futures
F100	FTSE 100 Index	Futures
LKOD	Lukoil OAO	Futures
MNOD	MMC Norilsk Nickel	Futures
NVTK	OAO Novatek	Futures

LSE Derivatives Market (con't)

Symbol	Description	Instrument
OBX	OBX Index	Futures
OGZD	Gazprom	Futures
RIOB	FTSE Russia IOB Index	Futures
ROSN	Rosneft OJSC	Futures
SBER	Sberbank	Futures
SDRL	SeaDrill Limited	Futures
SGGD	Surgutneftegaz	Futures
STL	StateOil Hydro	Futures
TEL	Telenor ASA	Futures
URKA	JSC Uralkali	Futures
VTBR	JSC VTB Bank	Futures
YAR	Yara International ASA	Futures
F100	FTSE 100 Index	Options
OBX	OBX Index	Options
RIOB	FTSE Russia IOB Index	Options
OBXW	OBX Index	Reverse spread

Mercado Español de Futuros Financieros (MEFF)

Symbol	Description	Instrument
BIBX	Mini IBEX	Futures
IB	IBEX-35 Index	Futures
MO	BONO 10	Futures

Mexican Derivatives Exchange (MDX)

Symbol	Description	Instrument
C91S	91-Day Mexican Treasury Bill	Calendar spread
M10S	10-Year Bonds	Calendar spread
M20S	20-Year Bonds	Calendar spread
M3S	3-Year Bonds	Calendar spread
MDAS	MXN Peso/US Dollar	Calendar spread
T28S	28-Day TIIE	Calendar spread
BNK	BANK Sector Index	Futures
C91	91-Day Mexican Treasury Bill	Futures
COMM	COMM Sector Index	Futures
DAD	MXN Peso/US Dollar Day	Futures
ENERG	ENERG Sector Index	Futures

MDX (con't)

Symbol	Description	Instrument
FOOD	FOOD Sector Index	Futures
ICT	ICT Sector Index	Futures
IPC	IPC Index	Futures
M10	10-Year Bonds	Futures
M20	20-Year Bonds	Futures
M3	3-Year Bonds	Futures
M30	30-Year Bond	Futures
M5	5-Year Bond	Futures
MAIZ	Yellow Corn	Futures
T28	28-Day TIIE	Futures
IPC	IPC Index	Options
MDA	MXN Peso/US Dollar	Options

Minneapolis Grain Exchange (MGEX)

Symbol	Description	Instrument
WMEL	Hard Red Spring Wheat	Butterfly
AJCS	Apple Juice Concentrate	Calendar spread
MWES	Hard Red Spring Wheat	Calendar spread
AJC	Apple Juice Concentrate	Futures
MRI	Soft Red Winter Wheat Index	Futures
MSI	Hard Red Spring Wheat Index	Futures
MWE	Hard Red Spring Wheat	Futures
MWI	Hard Red Winter Wheat Index	Futures
XMC	National Corn Index	Futures
XMS	National Soybean Index	Futures
MKEWI1	MGEX/KCBOT Wheat Reverse	Inter-exchange spread
MWKE	MGEX/KCBOT Wheat	Inter-exchange spread
MWWI0	MGEX/CBOT Wheat	Inter-exchange spread
AJC	Apple Juice Concentrate	Options
MWE	Hard Red Spring Wheat	Options

Montreal Exchange (BdM)

Symbol	Description	Instrument
BXAS	3-Month Bankers Accept All Sessions	Calendar spread
CBS	Canadian Bond 10-Year	Calendar spread
CGFS	Canadian Bond 5-Year	Calendar spread

BdM (con't)

Symbol	Description	Instrument
CGZS	Canadian Bond 2-Year	Calendar spread
LGBS	Canadian Bond 30-Year	Calendar spread
BXA	3-Month Bankers Accept All Session	Futures
BXX	BAX Front Months	Futures
CB	Canadian 10-Year Bond	Futures
CGF	Canadian 5-Year Bond	Futures
LGB	Canadian Bond 30-Year	Futures
MEMF	FTSE Emerging Markets Index	Futures
OIS	Overnight Index Swap Futures	Futures
ONX	30-Day Overnight Repo Rate	Futures
SCF	S&P/TSX Composite Index Mini	Futures
SXA	S&P/TSX Gold Index	Futures
SXB	S&P/TSX Financials Index	Futures
SXH	S&P/TSX Information Technology Index	Futures
SXM	S&P/TSX 60 Mini Index	Futures
SXY	S&P/TSX Energy Index	Futures
TP	SP/TSE 60	Futures
BXA	3-Month Bankers Accept	Options
OBW	3-Month CAD Serial Mid Curve	Options
OBY	3-Month CAD 1-Year Quarterly Mid Curve	Options
OBZ	3-Month CAD 2-Year Quarterly Mid Curve	Options
TPR	SP/TSE 60	Reduced tick spread
MEMFW	FTSE Emerging Markets Index	Reverse spread
SXMW	S&P/TSX 60 Mini Index Futures	Reverse spread
TPW	SP/TSE 60	Reverse spread

NASDAQ OMX

Symbol	Description	Instrument
CP20	OMX Copenhagen 20 CAP	Futures
N30	VINX 30	Futures
X30	OMX Stockholm 30 Index	Futures
NI24NS	TED Spread White	Intercommodity spread
NI25NS	TED Spread Red	Intercommodity spread
NI45NS	TED Spread Rose	Intercommodity spread
N30	VINX 30	Options
X30	OMX Stockholm 30 Index	Options

NASDAQ OMX (con't)

Symbol	Description	Instrument
XACT	XACT OMXS30 ETF	Options
X30W	Stockholm 30 Index	Reverse spread

NASDAQ OMX Commodities

Symbol	Description	Instrument
ENOMS	Nordic Base FW Month	Calendar spread
ENOQS	Nordic Base FW Quarter	Calendar spread
ENOYS	Nordic Base FW Year	Calendar spread
CERM	CER	Forwards
ENOM	Nordic Base Month	Forwards
ENOPLM	Nordic Peak Months	Forwards
ENOPLQ	Nordic Peak Quarter	Forwards
ENOPLY	Nordic Peak Year	Forwards
ENOQ	Nordic Base Quarter	Forwards
ENOY	Nordic Base Year	Forwards
EUAM	EUA	Forwards
SYARHM	Area Price Arhus CfD Month	Forwards
SYARHQ	Area Price Arhus CfD Quarter	Forwards
SYARHY	Area Price Arhus CfD Year	Forwards
SYCPHM	Area Price Copenhagen CfD Month	Forwards
SYCPHQ	Area Price Copenhagen CfD Quarter	Forwards
SYCPHY	Area Price Copenhagen CfD Year	Forwards
SYHELM	Area Price Helsinki CfD Month	Forwards
SYHELQ	Area Price Helsinki CfD Quarter	Forwards
SYHELY	Area Price Helsinki CfD Year	Forwards
SYOSLM	Area Price Oslo CfD Month	Forwards
SYOSLQ	Area Price Oslo CfD Quarter	Forwards
SYOSLY	Area Price Oslo CfD Year	Forwards
SYSTEM	Area Price Stockholm CfD Month	Forwards
SYSTOQ	Area Price Stockholm CfD Quarter	Forwards
SYSTOY	Area Price Stockholm CfD Year	Forwards
CERS	CER Spot	Futures
EDEM	German Base Monthly Forward	Futures
EDEPM	German Peak Monthly Forward	Futures
EDEPQ	German Peak Quarterly Forward	Futures
EDEPY	German Peak Yearly Forward	Futures
EDEQ	German Base Quarterly Forward	Futures

NASDAQ OMX Commodities (con't)

Symbol	Description	Instrument
EDEW	German Base Weekly Futures	Futures
EDEY	German Base Yearly Forward	Futures
ENOD	Nordic Base Fut Days	Futures
ENOPW	Nordic Peak Fut Weeks	Futures
ENOW	Nordic Base Fut Weeks	Futures
EUAS	EUA Spot	Futures
EUKBM	UK Electricity Base Load Monthly	Futures
EUKBQ	UK Electricity Base Load Quarterly	Futures
EUKBS	UK Electricity Base Load Seasonal	Futures
EUKBW	UK Electricity Base Load Weekly	Futures
EUKPM	UK Electricity Peak Load Monthly	Futures
EUKPQ	UK Electricity Peak Load Quarterly	Futures
EUKPW	UK Electricity Peak Load Weekly	Futures
NGBD	NOMX UK Natural Gas Futures	Futures
NGBLS	NOMX UK Natural Gas Futures Seasonal	Futures
NGBM	NOMX UK Natural Gas Futures Monthly	Futures
NGBQ	NOMX UK Natural Gas Futures Quarterly	Futures
NGBW	NOMX UK Natural Gas Futures Weekly	Futures
NPNC	Certified Emission Reduction (CER)	Futures
NPNE	European Union Allowances (EUA)	Futures
OMSDIV	OMS Stockholm 30 Dividend Index	Futures
NCNE	CER/EUA	Intercommodity spread
ENOQ	Nordic Base Quarter	Options
ENOY	Nordic Base Year	Options
NPNC	Certified Emission Reduction (CER)	Options
NPNE	European Union Allowances (EUA)	Options

NASDAQ OMX eSpeed

Symbol	Description	Instrument
CUS02	US 2-Year Treasuries	Fixed Income
CUS03	US 3-Year Treasuries	Fixed Income
CUS05	US 5-Year Treasuries	Fixed Income
CUS07	US 7-Year Treasuries	Fixed Income
CUS10	US 10-Year Treasuries	Fixed Income
CUS30	US 30-Year Treasuries	Fixed Income
CUSB1M	US 1-Month T-Bills	Fixed Income

NASDAQ OMX eSpeed (con't)

Symbol	Description	Instrument
CUSB1Y	US 1-Year T-Bills	Fixed Income
CUSB3M	US 3-Month T-Bills	Fixed Income
CUSB6M	US 6-Month T-Bills	Fixed Income

NASDAQ Stock Market

Symbol	Description	Instrument
CSCO	Cisco Systems Inc.	Equity
INTC	Intel Corporation	Equity
MSFT	Microsoft Corporation	Equity

New York Stock Exchange (NYSE)

Symbol	Description	Instrument
AXP	American Express Co	Equity
BA	Boeing Company	Equity
CAT	Caterpillar Inc	Equity
CVX	Chevron Corporation	Equity
DIS	Walt Disney Company	Equity
HD	The Home Depot Inc.	Equity
IBM	International Business Machines	Equity
JNJ	Johnson & Johnson	Equity
JPM	JPMorgan Chase & Co	Equity
KO	Coca-Cola Company	Equity
MCD	McDonald's Corporation	Equity
MMM	3M Company	Equity
MRK	Merck & Co Inc	Equity
NKE	Nike Inc	Equity
PFE	Pfizer Inc	Equity
PG	Procter & Gamble Co	Equity
TRV	Travelers Companies Inc	Equity
UNH	United Health Group	Equity
UTX	United Technologies Corp	Equity
V	Visa Inc	Equity
VZ	Verizon Communications	Equity
WMT	Wal-Mart Stores Inc	Equity
XOM	Exxon Mobil Corp	Equity

New Zealand Exchange (NZX)

Symbol	Description	Instrument
AMF	Anhydrous Milk Fat	Futures
BTR	Butter	Futures
KIW	NZX 20 Index	Futures
NSM	Skim Milk Powder	Futures
WMP	Whole Milk Powder	Futures
WMP	Whole Milk Powder	Options

New Zealand Futures and Options Exchange (NZFOE)

Symbol	Description	Instrument
NBBS	NZ 90-Day Bank Bill	Calendar spread
EG	Benmore Peak Load Calendar Quarter	Futures
HEA	Otahuhu Base Load Electricity	Futures
HEC	Otahuhu Peak Load Calendar Quarter	Futures
HED	Otahuhu Base Load Calendar Month	Futures
HEE	Benmore Base Load Electricity	Futures
HEH	Benmore Base Load Calendar Month	Futures
HZO	NZ 30-Day Official Cash Rate	Futures
NBB	NZ 90-Day Bank Bill	Futures
NTN	10-Year Government Stock	Futures
NTY	3-Year Government Stock	Futures
HEA	Otahuhu Base Load Calendar Quarter	Options
HEE	Benmore Base Load Calendar Quarter	Options
NBB	NZ 90-Day Bank Bill	Options
HEAT4	Otahuhu Base Load Electricity	Strip
HEET4	Benmore Base Load Electricity	Strip

NYMEX/Globex (NYMEXG)

Symbol	Description	Instrument
BZL	Brent Crude Financial (Last Day)	Butterfly
CLEL	Crude Oil	Butterfly
HOEL	NY Harbor ULSD	Butterfly
RBEL	NY Harbor RBOB Gasoline	Butterfly
BZLS	Brent Crude Oil Trade at Marker	Calendar spread
BZS	Brent Crude Financial (Last Day)	Calendar spread
BZSS	Brent TAM Singapore	Calendar spread
CLES	Crude Oil	Calendar spread

NYMEXG (con't)

Symbol	Description	Instrument
CLLS	Crude Oil Trade at Marker	Calendar spread
CLSS	Crude Oil TAM Singapore	Calendar spread
CLTS	Crude Oil TAS	Calendar spread
CUS	Chicago Ethanol (Platts)	Calendar spread
EAFS	In Delivery Month EUA	Calendar spread
GLIS	European Gasoil (ICE)	Calendar spread
HOES	NY Harbor ULSD	Calendar spread
HOLS	NY Harbor ULSD Trade at Marker	Calendar spread
HOTS	NY Harbor ULSD TAS	Calendar spread
HRCS	US Midwest DomHotRolled Coil Steel	Calendar spread
MBES	Gulf Coast Sour Crude	Calendar spread
NBZS	Brent 25-Day (Platts)	Calendar spread
NGES	Natural Gas	Calendar spread
NGTS	Natural Gas TAS	Calendar spread
NLTS	Gulf Coast ULSD(Platts) Up-Dn Swap	Calendar spread
NQGS	E-mini Natural Gas	Calendar spread
NQHS	E-mini NY Harbor ULSD	Calendar spread
NQMS	E-mini Crude Light	Calendar spread
NQUS	E-mini Unleaded Gasoline	Calendar spread
PAES	Palladium	Calendar spread
PLES	Platinum	Calendar spread
RBES	NY Harbor RBOB Gasoline	Calendar spread
RBLS	RBOB Trade at Marker	Calendar spread
RBTS	RBOB TAS	Calendar spread
RTES	RBOB Gasoline Financial	Calendar spread
TIOS	Iron Ore 62% Fe, CFR China	Calendar spread
WSES	Crude Oil Financial	Calendar spread
HOECLE	NY Harbor ULSD/WTI Crude	Crack
RBECLC	RBOB/WTI Crude	Crack
RBEHOE	RBOB/NY Harbor ULSD	Crack
A1W	1% Fuel Oil Cargoes CIF MED Platts	Futures
A1X	1% Fuel Oil Cargoes CIF NEW Platts	Futures
A3C	Chicago CBOB Gasoline v. RBOB Gasoline	Futures
A5C	Chicago ULSD v. NY Harbor ULSD	Futures
AA6	Group 3 ULSD v. NY Harbor ULSD	Futures
AA8	Group Three Sub-Octane Gasoline v. RBOB Gasoline	Futures

NYMEXG (con't)

Symbol	Description	Instrument
AA9	Group Three Sub-Octane Gasoline	Futures
ABY	WTI-Brent Bullet	Futures
AC0	Mont Belvieu Ethane (OPIS)	Futures
ACMF	Coal (API 5) fob Newcastle	Futures
AD0	Mont Belvieu Normal Butane (OPIS)	Futures
AE5	Argus LLS/WTI Trade Month Swap	Futures
AFI	1% Fuel Oil Cargoes FOB NEW Platts	Futures
AHL	NY Harbor ULSD Crack Spread	Futures
AJL	LA CARBOB Gasoline v. RBOB Gasoline	Futures
AUF	Euro 1% Fuel Oil Cargoes FOB NWE	Futures
AUH	Euro 1% Fuel Oil Barges FOB Rdam	Futures
AUI	Euro 3.5% Fuel Oil Cargoe FOB MED	Futures
AWJ	LLS (Argus)/WTI Financial	Futures
AYH	NY Heating Oil v. NY Harbor ULSD	Futures
AYX	Mars (Argus)/WTI Financial	Futures
B0	Mont Belvieu LDH Propane (OPIS) Swap	Futures
BK	WTI-Brent Financial	Futures
BOO	3.5% Fuel Oil Barges FOB Rdam Plats	Futures
BUS	US Midwest #1 Ferrous Scrap (AMM)	Futures
BZ	Brent Crude Financial (Last Day)	Futures
BZL	Brent Crude Oil Trade at Marker	Futures
BZS	Brent TAM Singapore	Futures
BZT	Brent Crude Financial (Last Day) TAS	Futures
CIL	Canadian Light Sweet Oil Index	Futures
CJ	Cocoa	Futures
CLE	Crude Oil	Futures
CLL	Crude Oil Trade at Marker	Futures
CLS	Crude Oil TAM Singapore	Futures
CLT	Crude Oil TAS	Futures
CPL	CERplus	Futures
CSX	WTI Crude Oil Calendar Swap	Futures
CU	Chicago Ethanol (Platts) Swap	Futures
CVF	Crude Oil Volatility Index	Futures
CY	Brent (ICE) Calendar Swap	Futures
D43N	D4 Biodiesel RINs (Argus) 2013	Futures
D44N	D4 Biodiesel RINs (Argus) 2014	Futures

NYMEXG (con't)

Symbol	Description	Instrument
D53N	D5 Adv. Biofuel RINs (Argus) 2013	Futures
D54N	D5 Adv. Biofuel RINs (Argus) 2014	Futures
D63N	D6 Ethanol RINs (Argus) 2013	Futures
D64N	D6 Ethanol RINs (Argus) 2014	Futures
EAF	In Delivery Month EUA	Futures
EFM	Euro 1% Fuel Oil Cargoes FOB MED	Futures
EL1	European Diesel/NY Harbor ULSD	Futures
EO1	10ppm NEW Platts/NY Harbor ULSD	Futures
EP1	0ppm Med Platts/NY Harbor ULSD	Futures
EWN	Naphtha Japan C&F v. Cargoes CIF NEW	Futures
FO	3.5% Fuel Oil Barges FOB Rdam Crack	Futures
GCU	G.C. No6 Fuel 3.0/ Euro 3.5% Rdam	Futures
GL	Columbia Gulf Onshore Basis Swap	Futures
GLI	European Gasoil (ICE)	Futures
GZ	Euro Gasoil Brent Crack Spread	Futures
HAB	NYMEX NY Harbor ULSD /ICE Gasoil	Futures
HFT	Handysize Timecharter AVG (Baltic)	Futures
HHE	Natural Gas Financial Last Day	Futures
HHT	Henry Hub Financial (Last Day) TAS	Futures
HOB	NY Harbor ULSD Brent Crack Spread	Futures
HOE	NY Harbor ULSD	Futures
HOL	NY Harbor ULSD Trade at Marker	Futures
HOT	NY Harbor ULSD TAS	Futures
HP	Natural Gas Financial Penultimate	Futures
HRC	US Midwest Dom Hot Rolled Coil Steel	Futures
ILB	Illinois Basin Coal	Futures
KT	Coffee	Futures
LLR	LLS(Argus) vs. Brent Cr. Oil Fin.	Futures
MBE	Gulf Coast Sour Crude	Futures
ME	Gulf Coast Jet (Platts) Up-Down	Futures
MFB	Gulf Coast N6 Fuel Oil 3.0% (Platts)	Futures
MM	NY Harbor Residual Fuel 1.0% (Platts)	Futures
MPX	NY Harbor ULSD Calendar Swap	Futures
NCCA	California Carbon Allowance	Futures
NCFI	Capesize Timecharter Avg (Baltic)	Futures
NFRC	Freight Route TC14 (Baltic)	Futures



NYMEXG (con't)

Symbol	Description	Instrument
NFRS	Freight Route TC12 (Baltic)	Futures
NGE	Natural Gas	Futures
NGT	Natural Gas TAS	Futures
NHN	Houston Ship Channel Basis	Futures
NL	NGPL Midcontinent Basis Swap	Futures
NLRE	Gulf Coast Gasoline	Futures
NLRET	Gulf Coast Gasoline TAS	Futures
NLS	NY Harbor ULSD/LS Gasoil 1000bbl	Futures
NLSM	Low Sulphur Gasoil (100mt) Calendar Month	Futures
NLSP	Low Sulphur Gasoil (100mt) Penultimate Day	Futures
NLT	Gulf Coast ULSD (Platts) Up-Dn Swap	Futures
NLUE	Gulf Coast Ultra Low Sulfur Diesel	Futures
NLUET	Gulf Coast Ultra Low Sulfur Diesel TAS	Futures
NLX	RBOB Gasoline Calendar Swap	Futures
NN	Henry Hub Swap	Futures
NNE	Henry Hub Natural Gas mmBtu/Month	Futures
NOC	Gasoil Crack (1000mt) Financial	Futures
NOO	Naphtha Cargoes CIF NWE (Platts) Crack	Futures
NP	Natural Gas Penultimate Swap	Futures
NPFI	Panamax Timecharter Avg (Baltic)	Futures
NPQ	E-mini Platinum	Futures
NQG	E-mini Natural Gas	Futures
NQH	E-mini NY Harbor ULSD	Futures
NQM	E-mini Crude Light	Futures
NQP	Powder River Basin Coal Swap	Futures
NQU	E-mini Unleaded Gasoline	Futures
NR	NW Pipeline, Rockies Basis Swap	Futures
NRE	RBOB Gasoline Crack Spread	Futures
NRGI	Regional Greenhouse Gas Initiative CO2	Futures
NRV	Gulf Coast 87 Gasoline M1 v. RBOB	Futures
NTC6	Freight Route TC6 (Baltic)	Futures
NTH	Freight Route TC5 (Platts)	Futures
NTM	Freight Route TC2 (Baltic)	Futures
NTT	Cotton	Futures
NUX	Uranium	Futures
NVR	NY1%Fuel Oil/GC 3% Fuel Oil Swap	Futures

NYMEXG (con't)

Symbol	Description	Instrument
NW	Waha, Texas Basis	Futures
NX	Texas Eastern Zone M-3 Basis Swap	Futures
PAE	Palladium	Futures
PD	Nat. Gas Pipeline Texok Basis	Futures
PE	Nort. Nat. Gas Demarc. Basis Swap	Futures
PF	Ventura Basis Swap	Futures
PH	Panhandle Basis	Futures
PLE	Platinum	Futures
QLD	Central Appalachian Coal	Futures
QXB	CSX Coal (Platts) Swap	Futures
R2	REBCO Financial Contract	Futures
RBB	RBOB Gasoline Brent Crack Spread	Futures
RBE	NY Harbor RBOB Gasoline	Futures
RBL	RBOB Trade at Marker	Futures
RBT	RBOB TAS	Futures
REU	Emission Reduction Unit (ERU)	Futures
RTE	RBOB Gasoline Financial	Futures
RVR	Gulf Coast Unl 87 Gasoline M2 v. RBOB Gasoline	Futures
SE	Singapore Fuel Oil 380 cst Platts	Futures
SFT	Supramax Timecharter Avg (Baltic)	Futures
T7K	Gasoline Euro-bob Oxy NEW Barges	Futures
TC	TCO Basis Swap	Futures
TIC	Iron Ore 58% Fe, CFR China	Futures
TIO	Iron Ore 62% Fe, CFR China	Futures
TJ	Freight Route TC4 (Platts)	Futures
TK	Freight Route TD7 (Baltic)	Futures
TL	Freight Route TD3 (Baltic)	Futures
UAE	Singapore Fuel Oil 180 cst Platts	Futures
UVE	European 3.5% Fuel Oil Barges FOB Rdam	Futures
VBQ	Brent Crude Oil Quarterly Variance	Futures
VBS	Brent Crude Oil Semi-An Variance	Futures
VBY	Brent Crude Oil Annual Variance	Futures
VLA	Crude Oil Annual Variance	Futures
VLR	Crude Oil Quarterly Variance	Futures
VLS	Crude Oil Semi-Annual Variance	Futures
VNA	Natural Gas Annual Variance	Futures

NYMEXG (con't)

Symbol	Description	Instrument
VNQ	Natural Gas Quarterly Variance	Futures
VNS	Natural Gas Semi-Annual Variance	Futures
WCC	Canadian Heavy Crude Index	Futures
WCE	WCS Crude Oil	Futures
WSE	Crude Oil Financial	Futures
WTA	WTS (Argus) vs. WTI Financial	Futures
WTM	WTI Midland (Argus) Trade Month	Futures
WTS	WTS (Argus) Financial	Futures
WTT	WTI Midland (Argus) vs Trade Month	Futures
YO	Sugar 11	Futures
BZDZG	Brent/Oman Fin. Crude	Intercommodity spread
BZOQ	Brent/Oman Crude	Intercommodity spread
CLEBZ	WTI/Brent Crude Financial	Intercommodity spread
CLEDZG	WTI/Oman Fin. Crude	Intercommodity spread
CLEOQ	WTI/Oman Crude	Intercommodity spread
CPLEAF	CERplus/In Month EUA	Intercommodity spread
HOEBZ	NY Harbor ULSD /Brent Crude LastDayFin	Intercommodity spread
HPHH	Natural Gas Pen. vs Last Day	Intercommodity spread
HPNG	Natural Gas Pen. vs Henry Hub	Intercommodity spread
MBECL	Gulf Coast Sour Crude/WTI	Intercommodity spread
NGHH10	Henry Hub/Natural Gas Fin.	Intercommodity spread
NPNN	Henry Hub Pen. NP vs Last Day	Intercommodity spread
RBEZ	RBOB/Brent Crude Fin	Intercommodity spread
RBEHOE	RBOB/NY Harbor ULSD Spread	Intercommodity spread
BEA	Brent Look-Alike Option (European)	Options
CLE	Crude Oil	Options
CPL	CERplus	Options
CPLS	CERplus Serial Option	Options
CVP	Crude Oil Volatility	Options
E7	Henry Hub Fin. Last Day (European)	Options
HOE	NY Harbor ULSD	Options
LCE	Euro-Style Crude Oil	Options
LM01	Crude Oil 1 Year Mid-Curve Options	Options
LM02	Crude Oil 2 Year Mid-Curve Options	Options
LM03	Crude Oil 3 Year Mid-Curve Options	Options

NYMEXG (con't)

Symbol	Description	Instrument
LM04	Crude Oil 4 Year Mid-Curve Options	Options
LM05	Crude Oil 5 Year Mid-Curve Options	Options
LNE	Euro-Style Natural Gas	Options
NGE	Natural Gas	Options
OSX	Brent Crude Oil Last Day	Options
PAE	Palladium	Options
PLE	Platinum	Options
RBE	NY Harbor RBOB Gasoline	Options
REU	Emission Reduction Unit (ERU)	Options
NGET	Natural Gas	Strip
RBET	NY Harbor RBOB Gasoline	Strip
BBT	Brent Crude Penultimate	TAS
BZT	Brent Crude Financial	TAS
CLT	Crude Light	TAS
HHT	Henry Hub Financial	TAS
HOT	ULSD	TAS
NGT	Natural Gas	TAS
RBT	RBOB NY Harbor RBOB Gasoline	TAS
RBTBLK	RBOB TAS Blocks	TAS
WST	WTI Crude Financial	TAS

NYSE Liffe US

Symbol	Description	Instrument
AWES	Mini MSCI ACWI ex-US Index	Calendar spread
GDFS	Arca Gold Miners Index	Calendar spread
MAWS	Mini MSCI ACWI Index	Calendar spread
MCLS	MSCI Canada Index	Calendar spread
MFSS	MSCI EAFE Mini Index	Calendar spread
MLES	MSCI Emerge Market Latin America Index	Calendar spread
MMES	MSCI Emerging Markets Mini Index	Calendar spread
MMWS	Mini MSCI ACWI NTR Index	Calendar spread
MPPS	MSCI Pan-Euro Index	Calendar spread
MWLS	MSCI World Index	Calendar spread
YASES	Mini MSCI EM Asia Index	Calendar spread

NYSE Liffe US (con't)

Symbol	Description	Instrument
YASNS	Mini MSCI EM Asia NTR Index	Calendar spread
YAWNS	Mini MSCI ACWI ex-US NTR Index	Calendar spread
YGS	Mini Gold	Calendar spread
YIS	Mini Silver	Calendar spread
ZIS	Silver	Calendar spread
ZOS	Gold	Calendar spread
AWE	Mini MSCI ACWI ex-US Index	Futures
GDF	Arca Gold Miners Index	Futures
MAW	Mini MSCI ACWI Index	Futures
MCE	MSCI Europe Index	Futures
MCL	MSCI Canada Index	Futures
MFS	MSCI EAFE Mini Index	Futures
MFU	MSCI EAFE NTR Index	Futures
MGE	MSCI Europe Growth Index	Futures
MLE	MSCI Emerge Market Latin America Index	Futures
MME	MSCI Emerging Markets Mini Index	Futures
MMN	MSCI Emerging Markets NTR Index	Futures
MMW	Mini MSCI ACWI NTR Index	Futures
MPP	MSCI Pan-Euro Index	Futures
MPU	MSCI Europe Value Index	Futures
MUN	MSCI USA Index	Futures
MWL	MSCI World Index	Futures
YASE	Mini MSCI EM Asia Index	Futures
YASN	Mini MSCI EM Asia NTR Index	Futures
YAWN	Mini MSCI ACWI ex-US NTR Index	Futures
YG	Mini Gold	Futures
YI	Mini Silver	Futures
YMEU	MSCI Euro Index	Futures
ZI	5000 oz Silver	Futures
ZO	100 oz Gold	Futures
OYG	Mini Gold	Options
OYI	Mini Silver	Options
ZI	5000 oz Silver	Options
ZO	100 oz Gold	Options

Osaka Securities Exchange (OSE)

Symbol	Description	Instrument
J20B	Tokyo 20-Year JGB	Futures
J400	JPX-Nikkei Index 400	Futures
JDJ	DJIA	Futures
JNK	Nikkei 225	Futures
MJNK	Mini Nikkei 225	Futures
NIFT	CNX Nifty	Futures
NIFT	CNX Nifty	Futures
NKV	Nikkei 225 VI	Futures
RNP	Russell/Nomura Prime	Futures
JNK	Nikkei 225	Options
J20BR	Tokyo 20-Year JGB	Reduced tick spread
MJNKR	Mini Nikkei 225	Reduced tick spread
J400W	JPX Nikkei Index 400	Reverse spread
JDJW	DJIA	Reverse spread
JNKW	Nikkei 225	Reverse spread
MJNKW	Mini Nikkei 225	Reverse spread
NIFTW	CNX Nifty	Reverse spread
NKVW	Nikkei 225 VI	Reverse spread
RNPW	Russell/Nomura Prime	Reverse spread

Russian Trading System (RTS)

Symbol	Description	Instrument
FALSI	FTSE/JSE Top40	Futures
FAU	Australian Dollar/US Dollar	Futures
FBR	Brent Crude	Futures
FCB	CENTER Base Load Power Contract	Futures
FCF	USD/CHF	Futures
FCHMF	Severstal	Futures
FDS	Diesel Fuel Summer Grades	Futures
FFCU	Grade A Copper	Futures
FFED	EUR/USD	Futures
FFEES	FGC UES Ordinary Shares	Futures
FFEU	EUR/RUR	Futures
FGBMW	BMW AG o.s	Futures
FGD	Gold	Futures
FGDAI	Daimler AG o.s.	Futures

## RTS (con't)

Symbol	Description	Instrument
FGDBK	Deutsche Bank AG o.s.	Futures
FGM	GMK Norilskiy Nickel	Futures
FGSIE	Siemens AG o.s.	Futures
FGU	British Pound/US Dollar	Futures
FGVW	Volkswagen AG o.s.	Futures
FGZ	Gazprom	Futures
FHSIF	Hang Seng Index	Futures
FHYDR	Hydro OGK	Futures
FJP	USD/JPY	Futures
FLK	Lukoil	Futures
FME	Moscow Exchange	Futures
FMN	Magnit	Futures
FMTSI	MTS	Futures
FMX	MICEX Index	Futures
FNK	Novatek	Futures
FOFZ2	2-Year Federal Loan Bonds	Futures
FOFZ4	4-Year Federal Loan Bonds	Futures
FOV	15-Year Government Bonds	Futures
FP1	Cotton Dollar	Futures
FP2	Corn Dollar	Futures
FP3	Soybean Dollar	Futures
FP4	Wheat Dollar	Futures
FP5	Gasoil Dollar	Futures
FPD	Palladium	Futures
FRI	RTS Index	Futures
FRN	ROSNEFT	Futures
FRS	RTS Standard Index	Futures
FRT	Rostelcom	Futures
FRTSVX	Russian Volatility Index	Futures
FRVI	Russian Market Volatility	Futures
FSILV	Silver	Futures
FSN	Surgutneftegaz	Futures
FSNGP	Surgutneftegas Preferred Shares	Futures
FSNSX	SENSEX Index	Futures
FSR	OAO Sberbank Rossii Monthly	Futures
FSUGR	Raw Sugar	Futures

## RTS (con't)

Symbol	Description	Instrument
FTP	Platinum	Futures
FTRNF	Transneft	Futures
FTT	Tatneft	Futures
FURKA	Uralkai	Futures
FUS	USD/RUR Forts	Futures
FUU	USD/UAH	Futures
FVB	VTB	Futures
FYNDX	Yandex N.V.	Futures
FBR	Brent Crude	Options
FFED	EUR/USD	Options
FGD	Gold	Options
FGDM	Gold Futures-Style Options	Options
FGM	GMK Norilskiy Nickel	Options
FGMM	Norilsk Nickel Futures	Options
FGZ	Gazprom	Options
FGZM	Gazprom Futures-Style Options	Options
FLK	Lukoil	Options
FLKM	Lukoil Future-Style Options	Options
FPT	Platinum	Options
FRI	RTS Index	Options
FRN	Rosneft	Options
FRNM	Rosneft Futures-Style Options	Options
FSILVM	Silver Futures-Style	Options
FSN	Surgutneftegaz	Options
FSNM	Surgutneftegaz Futures-Style Options	Options
FSR	OAO Sberbank Rossii Monthly	Options
FSRM	Sberbank Futures-Style Options	Options
FTRNFM	Transneft Futures-Style Options	Options
FUSM	USD/RUR Futures-Style Options	Options
FVBM	VTB Futures-Style Options	Options
FGDW	Gold	Reverse spread
FRIW	RTS Index	Reverse spread
FUSW	USD/RUR	Reverse spread

Singapore Exchange (SGX)

Symbol	Description	Instrument
FBS	Fuel Oil 380cst	Calendar spread
FEFS	TSI Iron Ore CFR China Index	Calendar spread
ZFTS	SICOM Technically Specified Rubber 20	Calendar spread
ZJAS	AUD/JPY	Calendar spread
ZJWS	KRW/JPY	Calendar spread
ZNDS	Nikkei Dividend Point Index	Calendar spread
ZRTS	SICOM Ribbed Smoked Sheet 3 (RSS3)	Calendar spread
ZTS	SGX Mini 10-Year JGB	Calendar spread
ZUAS	AUD/USD	Calendar spread
ZUIS	INR/USD	Calendar spread
ZUS	USD Nikkei 225 Index	Calendar spread
ZUSS	USD/SGD	Calendar spread
ZUWS	KRW/USD	Calendar spread
ZYS	SGX Euroyen (TIBOR)	Calendar spread
ACF	TSI FOB Australia Premium Coking Coal	Futures
C4F	API 4 FOB Richards Bay Coal	Futures
C5F	API 5 FOB Newcastle Coal	Futures
CCF	TSI CFR China Premium JM25 Coking Coal	Futures
CFF	API 8 CFR China Coal Index	Futures
CIF	IHS McCloskey Indonesian Sub-Bit FOB Index	Futures
CN	FTSE China A50 Index	Futures
EF	SGX Electricity	Futures
FB	Fuel Oil 380cst	Futures
FEF	TSI Iron Ore CFR China Index	Futures
G	Singapore Kilobar Glod Daily	Futures
GOF	Platts Gasoil FOB Singapore Index	Futures
HRF	Hot-Rolled Coil Steel ASEAN Index	Futures
HVF	Baltic Handysize Time Charter Average	Futures
ID	MSCI Indonesia Index	Futures
JG	SGX Full-Sized JGB	Futures
KRF	Platts Kerosene FOB Singapore Index	Futures
M1F	Platts Singapore Fuel Oil 180cst Index	Futures
M3F	Platts Singapore Fuel Oil 380cst Index	Futures
MD	MSCI India Index	Futures
MY	MSCI Malaysia Index	Futures
NJF	Platts Naphtha CFR Japan Index	Futures

SGX (con't)

Symbol	Description	Instrument
NS	Mini-Nikkei 225 Index	Futures
PEC	ICIS LLDPE CFR China Index	Futures
PES	ICIS LLDPE CFR S.E. Asia Index	Futures
PHI	MSCI Philippines Index	Futures
PPC	ICIS PP Flat Yarn (Raffia) CFR China Index	Futures
PPS	ICIS PP Flat Yarn (Raffia) CFR SEAsia Index	Futures
PVF	Baltic Panamax Time Charter Average	Futures
RGF	Singapore Regrade Spread	Futures
STI	Straits Times Index	Futures
SVF	Baltic Supramax Time Charter Average	Futures
THA	MSCI Thailand Index	Futures
VCF	Singapore Visco Spread	Futures
ZAA	MSCI Taiwan Stock Index	Futures
ZAPA	MSCI Asia Apex 50 Index	Futures
ZCV	Baltic Capesize Time Charter Average	Futures
ZCY	CNY/USD	Futures
ZFT	SICOM Technically Specified Rubber 20	Futures
ZG	MSCI Singapore Stock Index	Futures
ZH	MSCI Hong Kong + Stock Index	Futures
ZIN	S&P CNX Nifty Index	Futures
ZJA	AUD/JPY	Futures
ZJW	KRW/JPY	Futures
ZL	SGX Euroyen Libor	Futures
ZNA	Nikkei 225 Index	Futures
ZND	Nikkei Dividend Point Index	Futures
ZRT	SICOM Ribbed Smoked Sheet	Futures
ZT	SGX Mini 10-Year JGB	Futures
ZU	USD Nikkei 225 Index	Futures
ZUA	AUD/USD	Futures
ZUC	USD/CNH	Futures
ZUI	INR/USD	Futures
ZUJ	USD/JPY Titan	Futures
ZUS	USD/SGD	Futures
ZUT	THB/USD	Futures
ZUW	KRW/USD	Futures
ZUY	USD/JPY Standart	Futures

SGX (con't)

Symbol	Description	Instrument
ZY	SQX Euroyen (TIBOR)	Futures
ZFTZRT	SICOME Tech Rubber vs Rib Smok. Sht 3 ICS	Intercommodity spread
ZYZL	Euroyen TIBOR/Euroyen LIBOR	Intercommodity spread
FEF	TSI Iron Ore CFR China Index	Options
ZA	MSCI Taiwan Stock Index	Options
ZG	MSI Singapore Stock Index	Options
ZIN	S&P CNX Nifty Index	Options
ZN	Nikkei 225 Index	Options
ZT	SGX Mini 10-Year JBG	Options
CNW	FTSE China A50 Index	Reverse spread
IDW	MSCI Indonesia Index	Reverse spread
MDW	MSCI India Index	Reverse spread
MYW	MSCI Malaysia Index	Reverse spread
PHIW	MSCI Philippines Index	Reverse spread
THAW	MSCI Thailand Index	Reverse spread
ZAAW	MSCI Taiwan Stock Index	Reverse spread
ZAPAW	MSCI Asia Apex 50 Index	Reverse spread
ZCYW	CNY/USD	Reverse spread
ZGW	MSCI Singapore Stock Index	Reverse spread
ZINW	S&P CNX Nifty Index	Reverse spread
ZNAW	Nikkei 225 Index/All Sessions	Reverse spread
ZUCW	USD/CNH	Reverse spread
ZUJW	USD/JPY Titan	Reverse spread
ZUTW	THB/USD	Reverse spread
ZUYW	USD/JPY Standart	Reverse spread

Thailand Futures Exchange (TFEX)

Symbol	Description	Instrument
BRO	Brent Crude Oil	Futures
GB10	Thai Gold (10 Baht)	Futures
GB50	Thai Gold (50 Baht)	Futures
S50	SET50 Index Futures	Futures
USD	USD Futures	Futures
SET50	SET50 Index Options	Options
BROW	Brent Crude Oil	Reverse spread
GB10W	Thai Gold (10 Baht)	Reverse spread

TFEX (con't)

Symbol	Description	Instrument
GB50W	Thai Gold (50 Baht)	Reverse spread
S50W	SET50 Index Futures	Reverse spread
USDW	USD Futures	Reverse spread

Tokyo Commodity Exchange (TOCOM)

Symbol	Description	Instrument
GABS	Azuki Beans	Calendar spread
GSBS	Soybeans	Calendar spread
TCGSS	Chukyo Gasoline	Calendar spread
TCKRS	Chukyo Kerosene	Calendar spread
TCOS	Crude Oil	Calendar spread
TGDS	Gold	Calendar spread
TGOS	Gas Oil	Calendar spread
TGSS	Gasoline	Calendar spread
TKRS	Kerosene	Calendar spread
TPAS	Palladium	Calendar spread
TPLS	Platinum	Calendar spread
TPMS	Mini Platinum	Calendar spread
TRUS	Rubber RSS3	Calendar spread
TSLS	Silver	Calendar spread
GAB	Azuki Beans	Futures
GCN	Corn	Futures
GSB	Soybeans	Futures
TCGS	Chukyo Gasoline	Futures
TCKR	Chukyo Kerosene	Futures
TCO	Crude Oil	Futures
TGD	Gold	Futures
TGO	Gas Oil	Futures
TGS	Gasoline	Futures
TKR	Kerosene	Futures
TMG	Mini Gold	Futures
TPA	Palladium	Futures
TPL	Platinum	Futures
TPM	Mini Platinum	Futures
TRU	Rubber RSS3	Futures
TSL	Silver	Futures

TOCOM (con't)

Symbol	Description	Instrument
CGSCKR	Chukyo Gasoline/Chukyo Kerosene	Intercommodity spread
GOCWI1	Gas Oil/Crude Oil Reverse Offset	Intercommodity spread
GSCWI1	Gasoline/Crude Oil Reverse Offset	Intercommodity spread
KRCWI1	Kerosene/Crude Oil Reverse Offset	Intercommodity spread
TGSTGO	Gasoline/Gas Oil	Intercommodity spread
TGSTKR	Gasoline/Kerosene	Intercommodity spread
TKRTGO	Kerosene/Gas Oil	Intercommodity spread

Tokyo Financial Exchange (TFX)

Symbol	Description	Instrument
JEYS	Euroyen, 3-Month	Calendar spread
JEY	Euroyen 3-Month	Futures
JON	Over-Night Call Rate	Futures

Tokyo Stock Exchange (TSE)

Symbol	Description	Instrument
JGBMS	Tokyo Mini JGB	Calendar spread
JGBS	Tokyo 10-Year JGB	Calendar spread
JGB	Tokyo 10-Year JGB	Futures
JGBM	Tokyo Mini JGB	Futures
JMT	Mini-TOPIX	Futures
JREI	REIT Index	Futures
JT30	TOPIX Core30	Futures
JTPX	TOPIX Index x 10,000 Yen	Futures
NKYD	Nikkei 225 Dividend Index	Futures
TPX30D	TOPIX Core30 Dividend Index	Futures
TPXD	TOPIX Dividend Index	Futures
JGB	Tokyo 10-Year JGB	Options
JTPX	TOPIX Index	Options
JMTW	Mini TOPIX/TSE	Reverse spread
JREIW	REIT Index	Reverse spread
JT30W	TOPIX Core30/TSE	Reverse spread
JTPXW	TOPIX Index x 10,000 Yen	Reverse spread

Turkish Derivatives Exchange (TRKDEX)

Symbol	Description	Instrument
CMGOZ	US Dollar/Ounce Gold	Futures
FXEUD	Euro/US Dollar Cross Currency	Futures
IX30	ISE 30 Index	Futures
TRYEUR	TRYEuro	Futures
TRYUSD	TRYUSDollar	Futures

Ukrainian Exchange

Symbol	Description	Instrument
UUX	UX Index	Futures
UUX	UX Index	Options