



**ICE Futures Europe**  
**Exchange & Clearing Fees**  
**Liquidity Provider Programmes**

January 2024



## Energy & Soft Commodity Products

# Exchange & Clearing Fee

## Energy Products — Transaction Fees (Per Side Per Lot)

Contract Levies — Brent, Low Sulphur Gasoil, WTI, Midland WTI AGC, Permian WTI Storage, Dubai, Heating Oil & RBOB Gasoline	Fee (\$)		
	Exchange	Clearing	Total
Cash Settlement	—	0.09	0.09
Deliveries (Low Sulphur Gasoil <sup>1</sup> )	—	8.00	8.00
Deliveries (Midland WTI AGC)	—	2.50	2.50
Deliveries (Permian WTI Storage)	—	5.00	5.00
EFP/EFS/Block (Brent, Low Sulphur Gasoil, WTI, Midland WTI AGC, Heating Oil & RBOB)	0.12	1.26	1.38
Futures Contracts (Brent, Low Sulphur Gasoil, WTI, Midland WTI AGC, Heating Oil & RBOB)	0.28	0.60	0.88
EFP/EFS/Block (Permian WTI Storage & Dubai <sup>2</sup> )	—	1.34	1.34
Futures Contracts (Permian WTI Storage & Dubai <sup>2</sup> )	1.25	1.34	2.59
Option Contracts (Brent, WTI, Low Sulphur Gasoil & Midland WTI AGC)	0.25	0.57	0.82
Option Contracts (Dubai <sup>2</sup> )	1.25	1.34	2.59
EFP/EFS/Block Option (Brent, Low Sulphur Gasoil, WTI, Midland WTI AGC, Heating Oil & RBOB)	0.12	1.20	1.32
Option Exercise (Brent, WTI, Low Sulphur Gasoil, Midland WTI AGC & Dubai <sup>2</sup> )	—	0.30	0.30

<sup>1</sup> \$2.50 if ADP 2 days prior to first day of each delivery range  
<sup>2</sup> Dubai Mini contracts will be charged one tenth of the above Dubai commissions stated

Contract Levies - UK Natural Gas (Monthly)	Fee (£/lot)		
	Exchange	Clearing	Total
Cash Settlement	—	—	—
Deliveries (Per Day)	—	0.05	0.05
EFP/EFS/Block	0.08	0.92	1.00
Futures Contracts	0.32	0.68	1.00
Futures Style Option Contracts	0.45	1.05	1.50
Option Contracts (EFP/EFS/Blocks)	0.15	1.35	1.50
Option Exercise	—	1.00	1.00

Contract Levies - UK Natural Gas (Daily)	Fee (£/lot)			Fee (pence/therm)		
	Exchange	Clearing	Total	Exchange	Clearing	Total
Cash Settlement	—	—	—	—	—	—
Deliveries (Per Day)	—	—	—	—	—	—
EFP/EFS/Block	0.005	0.045	0.05	0.0005	0.0045	0.005
Futures Contracts	0.017	0.033	0.05	0.0017	0.0033	0.005

Contract Levies - Dutch Natural Gas (Monthly)	Fee (EUR) Per MWh		
	Exchange	Clearing	Total
Cash Settlement	—	—	—
Deliveries	—	0.002	0.002
EFP/EFS/Block	0.00038	0.00337	0.00375
Futures Contracts	0.00113	0.00262	0.00375
Option Contracts	0.0015	0.0035	0.005
Option Contracts (EFP/EFS/Blocks)	0.0005	0.0045	0.005
Option Exercise	—	0.00125	0.00125



Contract Levies - Dutch Natural Gas (Daily)	Fee (EUR) Per MWh		
	Exchange	Clearing	Total
Cash Settlement	—	—	—
Deliveries	—	—	—
EFP/EFS/Block	0.00125	0.01125	0.0125
Futures Contracts	0.00417	0.00833	0.0125

Contract Levies — UK Electricity	Fee (£) Per MWh		
	Exchange	Clearing	Total
Deliveries (includes Elexon fee)	—	0.0005	0.0005
EFP/EFS/Block	0.00100	0.00900	0.0100
Futures Contracts	0.00300	0.00700	0.0100

Contract Levies — Coal	Fee (\$) Per Monthly Lot		
	Exchange	Clearing	Total
Cash Settlement	—	2.00	2.00
EFP/EFS/Block	1.00	9.00	10.00
Futures/Options Contracts	3.05	6.95	10.00
Option Exercise	—	2.00	2.00

Contract Levies — UK Emissions Futures and Options <sup>3</sup>	Fee (£/lot)		
	Exchange	Clearing	Total
Screen	1.05	2.45	3.50
Block/EFP/EFS	0.35	3.15	3.50
U.K. Auction Contracts	0.52	1.23	1.75
Option Exercise		1.50	1.50

<sup>3</sup>No fees will be charged on the Daily Futures leg of any Daily Futures–Futures spreads

Contract Levies — Global Carbon Index Futures	Fee (\$/lot)		
	Exchange	Clearing	Total
Futures	1.50	3.50	5.00
Block/EFP/EFS	0.50	4.50	5.00
Cash Settlement	--	1.00	1.00

Contract Levies — Carbon Credits	Fee (\$/lot)		
	Exchange	Clearing	Total
Futures	3.00	7.00	10.00
Block/EFP/EFS	1.00	9.00	10.00
Delivery	--	5.00	5.00

Contract Levies — London Cocoa <sup>4</sup> , Robusta Coffee, White Sugar, UK Feed Wheat	Fee (£)		
	Exchange	Clearing	Total
EFP/EFS/EOO	0.09	0.78	0.87
Futures & Block <sup>5</sup> Contracts	0.23	0.55	0.78
Options Contracts (including Calendar Spread Options)	0.23	0.55	0.78
Option Exercise (including Calendar Spread Options)	0.00	0.075	0.075

<sup>4</sup>London Cocoa and Euro Cocoa — futures exchange and clearing fee is 0.79, with 0.01 per lot per side being paid to support the Cocoa Research Association.

<sup>5</sup>Block contract is only applicable to White Sugar Arbitrage, London Cocoa Arbitrage and Robusta Coffee Arbitrage.



Grading & Delivery Fees For Soft Commodity Futures*	Fee (£)*			
	Supervision	Grading	Appeal	Delivery
London Cocoa Standard Delivery Unit**	16	55	65	3.50
London Cocoa Large Delivery Unit**	160	550	650	25.00
London Cocoa Bulk Delivery - Grading & FFA***	1600	5500	N/A	200.00
London Cocoa Bulk Delivery - Grading Appeal Only	N/A	N/A	4750	N/A
London Cocoa Bulk Delivery - FFA Appeal Only	N/A	N/A	750	N/A
London Cocoa Bulk Delivery - Moisture Appeal Only	N/A	N/A	150	N/A
Robusta Coffee Single Lot	N/A	110	85	3.50
Robusta Coffee Grouped Lots	N/A	265	102.5	5.00
UK Feed Wheat	N/A	N/A	N/A	5.00
White Sugar	N/A	N/A	N/A	5.00

Grading and Grading Appeal fees are for the account of the Seller only

\* Supervision, Grading and Grading Appeal fees are for the account of the initiating party.

\*\* Minimum 50 lots per full-day supervision. £16 surcharge per lot under 50 lots

\*\*\* Based on 2-day shifts. £800 surcharge per additional day shift(s)

Guardian Depository Lodgement Fees for London Cocoa & Robusta Coffee	Fee (£)
1-10 warrants	170
11-50 warrants	315
51-100 warrants	400
101-150 warrants	475
151-200 warrants	575

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Last updated December 2023



# Equity Products

Transaction Fees (Per Side Per Lot, up to a Fee Cap where stated)

	Fee Cap <sup>2</sup>																		
	Published									Delayed Published									
	Exchange	Clearing	Total	Exchange Delayed Published	Clearing Delayed Published	Total Delayed Published	Exercise/Assignment	Cash Settlement	Delivery	Exchange	Clearing	Total	Exercise/Assignment	Cash Settlement	Exchange	Clearing	Total	Exercise/Assignment	Cash Settlement
UK Single Stock Options (block only)	£0.04	£0.36	£0.40	£0.05	£0.40	£0.45	£0.20	N/A	£3.00	£40	£360	£400	£400	N/A	£50	£450	£500	£400	N/A
UK Single Stock Options3	£0.12	£0.28	£0.40	N/A	N/A	N/A	£0.20	N/A	£3.00	N/A	N/A	N/A	£150	N/A	N/A	N/A	N/A	N/A	N/A
Austrian, Belgian, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Irish, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish, Swiss Dividend Adjusted Single Stock Futures (block only)	€0.02	€0.16	€0.18	€0.03	€0.17	€0.20	N/A	€0.30	€3.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Austrian, Belgian, Czech, Danish, Dutch, Finnish, French, German, Hungarian, Irish, Italian, Norwegian, Polish, Portuguese, Spanish, Swedish, Swiss Single Stock futures (block only)	€0.02	€0.16	€0.17	€0.03	€0.17	€0.20	N/A	€0.30	€3.00	€45	€405	€405	N/A	€540	€58	€517	€575	N/A	€450
"Austrian, Belgian, Danish, Dutch, Finnish, French, German, Irish, Italian, Norwegian, Portuguese, Spanish, Swedish, Swiss Single Stock Options (block only)"	€0.02	€0.16	€0.18	€0.03	€0.17	€0.20	€0.20	N/A	€3.00	€50	€450	€500	€500	N/A	€60	€540	€600	€500	N/A
Australian Dividend Adjusted Single Stock Futures (Block Only)	£0.04	£0.36	£0.40	£0.05	£0.43	£0.48	N/A	£0.20	£3.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canadian, Kazakhstan DR, South Korean DRs, Taiwan DR, UK Dividend Adjusted Single Stock Futures (block only)	£0.01	£0.09	£0.10	£0.02	£0.10	£0.12	N/A	£0.20	£3.00	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Canadian, Indian DR, South Korean DR, Swiss DR, UK Single Stock Futures (block only)	£0.01	£0.09	£0.10	£0.02	£0.10	£0.12	N/A	£0.20	£3.00	£50	£450	£450	N/A	£500	£60	£540	£600	N/A	£500
South African Dividend Adjusted Single Stock Futures (block only)	£0.04	£0.36	£0.40	£0.05	£0.43	£0.48	N/A	£0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
South African Single Stock Futures (block only)	£0.04	£0.36	£0.40	£0.05	£0.43	£0.48	N/A	£0.20	N/A	£75	£675	£750	N/A	£750	£90	£810	£900	N/A	N/A
AEX Index Futures (block only)	€0.07	€0.68	€0.75	€0.09	€0.81	€0.90	N/A	€0.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
AEX Index Options (block only)	€0.07	€0.68	€0.75	€0.09	€0.81	€0.90	€0.30	N/A	N/A	€200	€1800	€2000	€2000	N/A	€240	€2160	€2400	€2000	N/A
BEL20, CAC 40, PSI 20 Index Futures (block only)	€0.03	€0.32	€0.35	€0.04	€0.36	€0.40	N/A	€0.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
BEL20, CAC 40, PSI 20 Index Options (block only)	€0.03	€0.32	€0.35	€0.04	€0.36	€0.40	€0.30	N/A	N/A	€200	€1800	€2000	€2000	N/A	€240	€2160	€2400	€2000	N/A
FTSE 100 Equally Weighted NTR Index Futures (Block only)	£0.04	£0.36	£0.40	£0.05	£0.45	£0.50	N/A	£0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE 100 Total Return Index Futures (block only)	£0.04	£0.34	£0.38	£0.05	£0.38	£0.43	N/A	£0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSEurofirst 80, FTSEurofirst 100 Index Futures and Options (block only)	£0.05	£0.45	£0.50	£0.06	£0.54	£0.60	£0.20	£0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE Developed Europe SMID Cap Tradable Plus Index Futures (block only)	£0.04	£0.36	£0.40	£0.05	£0.45	£0.50	N/A	£0.30	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE UK Mid Cap Tradable Plus Index Futures (block only)	£0.04	£0.34	£0.38	£0.05	£0.38	£0.43	N/A	£0.20	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE 100 ESG Risk Adjusted Index Futures	£0.15	£0.30	£0.45	N/A	N/A	N/A	N/A	£0.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE 100 ESG Risk Adjusted Index Futures (block only)	£0.08	£0.37	£0.45	£0.12	£0.38	£0.50	N/A	£0.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE AllShare ESG Risk Adjusted Index Futures	€0.15	€0.30	€0.45	N/A	N/A	N/A	N/A	£0.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
FTSE All-Share ESG Risk Adjusted Index Future (block only)	£0.08	£0.37	£0.45	£0.12	£0.38	£0.50	N/A	£0.45	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

## Notes

1 Delivery fees are charged per bargain

2 For trades with multiple legs, each leg is charged separately, up to a fee cap (i.e. For these purposes, each leg is treated as a separate transaction)

3 Recognised Strategy Trades in UK Stock Option and FTSE 100 Index Option contracts will be charged 1.5 times the maximum per lot leg rate. In circumstances where the Strategy fee discount results in a higher fee than the total per leg fee, the lower of the two fees will be charged.

4 Both FTSE 100 Declared Dividend Index Futures and FTSE 100 Dividend Index Futures RDSA

5 Withholding Trading and Clearing fees do not apply to the stock leg of a stock contingent trade, only Delivery fees per bargain apply.

## ICE FUTURES EUROPE

## EXCHANGE &amp; CLEARING FEES

## INTEREST RATE PRODUCTS

## TRANSACTION FEES (PER SIDE PER LOT)

CONTRACT LEVIES — EURIBOR®	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.08	0.20	0.28
Futures Basis/Block	0.08	0.20	0.28
Futures Block with Delayed Publication	0.14	0.36	0.50
Cash Settlement	0.00	0.28	0.28
Options Contracts	0.08	0.20	0.28
Options Block	0.08	0.20	0.28
Options Block with Delayed Publication	0.14	0.36	0.50
Option Exercise	0.00	0.28	0.28

CONTRACT LEVIES — SHORT, MEDIUM, LONG AND ULTRA-LONG GILTS	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.09	0.24	0.33
Futures Basis/Block	0.09	0.24	0.33
Futures Block with Delayed Publication	0.14	0.36	0.50
Deliveries	0.00		2.50
Options Contracts (Long Gilt only)	0.09	0.24	0.33
Options Block (Long Gilt only)	0.09	0.24	0.33
Options Block with Delayed Publication (Long Gilt only)	0.14	0.36	0.50
Option Exercise (Long Gilt only)	0.00	0.33	0.33

CONTRACT LEVIES — EURO, SOFR SWAPNOTE® FUTURES	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.05	0.13	0.18
Futures Basis/Block	0.05	0.13	0.18
Futures Block with Delayed Publication	0.03	0.25	0.28
Cash Settlement	0.00	0.15	0.15

CONTRACT LEVIES — EUROPEAN GOVERNMENT BONDS (GERMAN, ITALIAN, SPANISH, SWISS)	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.05	0.13	0.18
Basis/Block	0.05	0.13	0.18
Block with Delayed Publication	0.03	0.25	0.28
Deliveries	0.00	2.50	2.50

CONTRACT LEVIES — ESTR INDEXED FUTURES (ONE MONTH & ECB DATED)	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.11	0.45	0.56
Futures Basis/Block	0.11	0.45	0.56
Futures Block with Delayed Publication	0.22	0.90	1.12
Cash Settlement	0.00	0.56	0.56

CONTRACT LEVIES — THREE MONTH ESTR INDEXED FUTURES	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.08	0.20	0.28
Futures Basis/Block	0.08	0.20	0.28
Futures Block with Delayed Publication	0.14	0.36	0.50
Cash Settlement	0.00	0.28	0.28

CONTRACT LEVIES — THREE MONTH ESTR INDEXED OPTIONS	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Options Contracts	0.08	0.20	0.28
Options Block	0.08	0.20	0.28
Options Block with Delayed Publication	0.14	0.36	0.50
Option Exercise	0.00	0.28	0.28

CONTRACT LEVIES — SONIA INDEXED FUTURES (ONE MONTH & THREE MONTH)	FEE (£)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.11	0.45	0.56
Futures Basis/Block	0.11	0.45	0.56
Futures Block with Delayed Publication	0.22	0.90	1.12
Cash Settlement	0.00	0.56	0.56
Options Contracts (Three Month only)	0.11	0.45	0.56
Options Block (Three Month only)	0.11	0.45	0.56
Options Block with Delayed Publication (Three Month only)	0.22	0.90	1.12
Option Exercise (Three Month only)	0.00	0.56	0.56

CONTRACT LEVIES — SOFR MONTH INDEXED FUTURES (ONE MONTH & THREE MONTHS)	FEE (\$)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.20	0.80	1.00
Futures Basis/Block	0.20	0.80	1.00
Futures Block with Delayed Publication	0.40	1.60	2.00
Cash Settlement	0.00	1.00	1.00

CONTRACT LEVIES — SARON INDEXED FUTURES	FEE (€)		
	EXCHANGE	CLEARING	TOTAL
Futures Contracts	0.12	0.48	0.60
Futures Basis/Block	0.12	0.48	0.60
Futures Block with Delayed Publication	0.17	0.68	0.85
Cash Settlement	0.00	0.60	0.60

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## Exchange and Clearing Fees

(Per side per lot)

### Crude Oil & Refined Products - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Brent 1st Line Mini Future	IMM	IMM	100 bbl	\$0.125	\$0.134	\$0.134	\$0.009
Brent 1st Line Future	BRN	I	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent 1st Line Balmo Future	BSQ	BSQ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent Bullet Future	BRN	BNB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent 1st Line vs Dubai 1st Line Future	BOD	BOD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent 1st Line vs Dubai 1st Line (Platts) Balmo Future	BOH	BOH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent Singapore Marker 1st Line Future	BSF	BSF	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent Singapore Marker 1st Line Balmo Future	BSG	BSG	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent Singapore Marker Penultimate Day 1st Line Future	BSA	BSA	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent Singapore Marker Penultimate Day 1st Line Balmo Future	BSB	BSB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Dated Brent (Platts) Mini Future	PDM	PDM	100 bbl	\$0.125	\$0.134	\$0.134	\$0.009
Dated Brent (Platts) Future	PDB	PDB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Dated Brent (Platts) Balmo Future	DBQ	DBQ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Dated Brent (Platts) vs Dubai 1st Line Future	PDD	PDD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Dated Brent (Platts) vs Brent 1st Line Future	DBF	DBF	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Dated Brent (Platts) vs Brent 1st Line Balmo Future	DBG	DBG	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily BFOET (Platts) M1 Future	BF1	BF1	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily BFOET (Platts) M2 Future	BF2	BF2	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily BFOET (Platts) M3 Future	BF3	BF3	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Dated Brent (Platts) Future (1,000 bbl)	DDB	DDB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Dated Brent (Platts) vs Brent 1st Line Future	DBL	DBL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Dated Brent (Platts) vs Brent 2nd Line Future	DBS	DBS	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Dated Brent (Platts) vs Mediterranean Dated Strip (Platts) Future	DDM	DDM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Weekly CFD - Dated Brent (Platts) vs First Month BFOE (Platts) Future	CFD	CFD	1,000 bbl (5 x 200 bbl)	\$1.25 \$0.250	\$1.34 \$0.268	\$1.34 \$0.268	\$0.018 (200 bbl)
Weekly CFD - Dated Brent (Platts) vs Second Month BFOE (Platts) Future	CFT	CFT	1,000 bbl (5 x 200 bbl)	\$1.25 \$0.250	\$1.34 \$0.268	\$1.34 \$0.268	\$0.018 (200 bbl)
Monthly CFD - Dated Brent (Platts) vs First Month BFOE (Platts) Future	CFM	CFM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Monthly CFD - Dated Brent (Platts) vs Second Month BFOE (Platts) Future	CFL	CFL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily CFD - Dated Brent (Platts) vs First Month BFOE (Platts) Future	BSM	BSM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily CFD - Dated Brent (Platts) vs Second Month BFOE (Platts) Future	BTM	BTM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily CFD - Dated Brent (Platts) vs Third Month BFOE (Platts) Future	BUM	BUM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Argus East Siberian Pacific Ocean (ESPO) Diff Future	AED	AED	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily CPC Blend CIF MED Cargoes (Platts) vs Dated Brent (Platts) Future	DCW	DCW	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
CPC Blend CIF (Platts) Future	JFI	JFI	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
CPC Blend CIF (Platts) Balmo Future	JFJ	JFJ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
CPC Blend CIF MED Cargoes (Platts) vs Dated Brent (Platts) Future	DCR	DCR	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
CPC Blend CIF MED Cargoes (Platts) vs Dated Brent (Platts) Balmo Future	DCT	DCT	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Urals Med (Platts) vs Dated Brent (Platts) Future	DUN	DUN	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Johan Sverdrup (Platts) Future	JSF	JSF	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Johan Sverdrup (Platts) Balmo Future	JSB	JSB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Johan Sverdrup (Platts) vs Dated Brent (Platts) Future	JSC	JSC	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Johan Sverdrup (Platts) vs Dated Brent (Platts) Balmo Future	JSD	JSD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Urals North (Platts) vs Dated Brent (Platts) Future	DUM	DUM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Urals Med (Platts) vs Dated Brent (Platts) Future	UCF	UCF	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Urals Med (Platts) vs Dated Brent (Platts) Balmo Future	UCG	UCG	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Urals North (Platts) vs Dated Brent (Platts) Future	CFU	CFU	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Urals North (Platts) vs Dated Brent (Platts) Balmo Future	CFV	CFV	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Future	CGG	CGG	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Future	CGH	CGH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Future	WTD	WTD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Balmo Future	CGC	CGC	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Future	CGD	CGD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Balmo Future	CGE	CGE	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Daily Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Mini Future	DFR	DFR	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% CIF Med Cargoes (Platts) Future	CIF	CIF	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Micro Future (10 MT)	GNU	GNU	10 mt	\$0.2175	\$0.11	\$0.11	\$0.01
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Micro Future (10 MT)	GNV	GNV	10 mt	\$0.2175	\$0.11	\$0.11	\$0.01
Marine Fuel 0.5% FOB Med Cargoes (Platts) Balmo Future	FNT	FNT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Marine Fuel 0.5% FOB Med Cargoes (Platts) Mini Future	FNS	FNU	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% CIF Med Cargoes (Platts) Mini Future	CIE	CIE	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% CIF Med Cargoes (Platts) Balmo Future	CIG	CIG	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% CIF Med Cargoes (Platts) vs 1% FOB NWE Cargoes (Platts) Future	CIB	CIB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% CIF NWE Cargoes (Platts) Future	CID	CID	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% CIF NWE Cargoes (Platts) Balmo Future	FOF	FOF	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% CIF NWE Cargoes (Platts) vs 1% FOB NWE Cargoes (Platts) Future	CIH	CIH	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% CIF NWE Cargoes (Platts) Mini Future	FFI	FFI	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Med Cargoes (Platts) Future	OPM	OPM	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB Med Cargoes (Platts) Balmo Mini Future	GCU	GCU	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Med Cargoes (Platts) Balmo Future	OPN	OPN	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB Med Cargoes (Platts) vs 1% FOB NWE Cargoes (Platts) Future	FOG	FOG	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB NWE Cargoes (Platts) Mini Future	CAT	CAT	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB NWE Cargoes (Platts) Mini Balmo Future	FQK	FQK	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB NWE Cargoes (Platts) Future	CAR	CAR	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB Med Cargoes (Platts) Mini Future	FFF	FFF	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB NWE Cargoes (Platts) Balmo Future	CAS	CAS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB NWE Cargoes vs Brent 1st Line Future	FVB	FVB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB NWE Cargoes vs Brent 1st Line Future in (bbl)	FVA	FVA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Future	FOS	FOS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00

## Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Fuel Oil 1% FOB NWE Cargoes (Platts) vs Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Balmo Future	FOT	FOT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Fuel Oil 1% FOB NWE Cargoes (Platts) vs Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Mini Future	FOX	FOX	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Rotterdam Barges Future	FOB	FOB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB Rotterdam Barges (Platts) Mini Future	FOV	FOV	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Rotterdam Barges (Platts) Balmo Future	FOC	FOC	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Fuel Oil 3.5% CIF Med Cargoes (Platts) Mini Future	FOA	FOA	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB NWE Cargoes Future	FBC	FBC	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 1% FOB Rotterdam Barges (Platts) vs 1% FOB NWE Cargoes (Platts) Balmo Future	FBD	FBD	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Micro Future (10 MT)	GNW	GNW	10 mt	\$0.2725	\$0.11	\$0.11	\$0.01
Fuel Oil 3.5% CIF Med Cargoes Future	CIM	CIM	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% CIF Med Cargoes Balmo Future	CIL	CIL	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% CIF Med Cargoes (Platts) vs 3.5% FOB Med Cargoes (Platts) Future	AIN	AIN	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% CIF Med Cargoes (Platts) vs 3.5% FOB Med Cargoes (Platts) Balmo Future	FQJ	FQJ	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% CIF Med Cargoes (Platts) vs Fuel Oil 3.5% FOB Med Cargoes (Platts) Mini Future	FOV	FOV	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Med Cargoes (Platts) Mini Future	FFG	FFG	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Future	BAR	BAR	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Balmo Future	BAS	BAS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Mini 3.5% FOB Rotterdam Barges Future (100 mt)	BAM	BAM	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Mini 3.5% FOB Rotterdam Barges Balmo Future (100 mt)	BAL	BAL	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Future	BOB	BOB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Future (in bbls)	BOA	BOA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Mini Future (in bbls)	FOY	FOY	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Balmo Future (in bbls)	FOO	FOO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil 3.5% FOB Med Cargoes (Platts) Future	FOM	FOM	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Med Cargoes (Platts) Balmo Mini Future	14V	14V	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Med Cargoes (Platts) Balmo Future	FON	FON	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Med Cargoes (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Future	NVS	NVS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Med Cargoes (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Future	NVT	NVT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) vs Brent 1st Line Balmo Future (in MT)	MHS	MHS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) vs Fuel Oil 380 CST Singapore (Platts) Future	MHB	MHB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) vs Fuel Oil 380 CST Singapore (Platts) Balmo Future	MHR	MHR	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) vs Brent 1st Line Future (in MTs)	MHC	MHC	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Middle East Fuel Oil 180 CST FOB Arab Gulf (Platts) vs Brent 1st Line Future (in MTs)	MHD	MHD	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Middle East Fuel Oil 180 CST FOB Arab Gulf (Platts) vs Brent 1st Line Balmo Future (in MT)	MHT	MHT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 3.5% FOB Med Cargoes (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Mini Future	NVU	NVU	100 mt	\$2.18	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Med Cargoes (Platts) vs Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Mini Future	FDJ	FDJ	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Mini Future (in MTs)	FGY	FGY	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 3.5% FOB Med Cargoes (Platts) vs Brent 1st Line Future (in bbls)	BOC	BOC	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil 180 CST Singapore Future	SZS	SZS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore Mini Future (100 mt)	SZZ	SZZ	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 180 CST Singapore (Platts) Balmo Future	SZT	SZT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore (Platts) Balmo Mini Future	SMK	SMK	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 180 CST Singapore vs 3.5% FOB Rotterdam Barges Future	SFS	SFS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Future	SFT	SFT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore vs 380 CST Singapore Future	STS	STS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore vs Brent 1st Line Future	SBS	SBS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 180 CST Singapore vs Dubai 1st Line Future	SES	SES	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Fuel Oil 180 CST Singapore (Platts) vs 380 CST Singapore (Platts) Mini Future	TEZ	TEZ	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 180 CST Singapore (Platts) vs 380 CST Singapore (Platts) Balmo Future	STT	STT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 380 CST Singapore Future	SYS	SYS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 380 CST Singapore Mini Future (100 mt)	SYV	SYV	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Fuel Oil 380 CST Singapore (Platts) Micro Future (10 MT)	GNX	GNX	10 mt	\$0.2175	\$0.11	\$0.11	\$0.01
Fuel Oil 380 CST Singapore (Platts) Balmo Future	SYT	SYT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 380 CST Singapore (Platts) Balmo Mini Future	SML	SML	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 380 CST Singapore vs 3.5% FOB Rotterdam Barges Future	SJS	SJS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Fuel Oil 380 CST Singapore (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Mini Future	TEY	TEY	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 380 CST Singapore (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Future	SKS	SKS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 380 CST Singapore vs Brent 1st Line Future	SPS	SPS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil 380 CST Singapore vs Dubai 1st Line Future	SLS	SLS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Middle East Fuel Oil 180 CST Arab Gulf (Platts) Future	MEA	MEA	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Middle East Fuel Oil 180 CST Arab Gulf (Platts) Balmo Future	ME9	ME9	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Middle East Fuel Oil 180 CST Arab Gulf (Platts) vs Fuel Oil 180 CST Singapore (Platts) Future	MEB	MEB	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Middle East Fuel Oil 180 CST FOB Arab Gulf (Platts) Mini Future	ME1	ME1	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) Future	ME2	ME2	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) Balmo Future	NPC	NPC	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Middle East Fuel Oil 380 CST FOB Arab Gulf (Platts) Mini Future	ME3	ME3	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Marine Fuel 0.5% CIF Med Cargoes (Platts) Future	MGX	MGX	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% CIF Med Cargoes (Platts) Balmo Future	MGZ	MGZ	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% CIF Med Cargoes (Platts) Mini Future	MGY	MGY	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Marine Fuel 0.5% FOB Med Cargoes (Platts) Future	FNS	FNS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Med Cargoes (Platts) Balmo Future	FNT	FNT	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Med Cargoes (Platts) Mini Future	FNU	FNU	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Future	MF3	MF3	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Balmo Mini Future	FDL	FDL	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Diff - Marine Fuel 0.5% FOB Med Cargoes (Platts) vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Future	MDK	MDK	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Med Cargoes (Platts) vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Balmo Future	MHA	MHA	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Med Cargoes (Platts) vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Mini Future	MDL	MDL	100 mt	\$2.175	\$1.10	\$1.10	\$0.10

## Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Fuel Oil Crack - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Future (in MTs)	TEO	TEO	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Balmo Future (in MTs)	MHE	MHE	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Balmo Mini Future (in MTs)	FOZ	FOZ	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Crack - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Future (in Bbls)	MFR	MFR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil Crack - Marine Fuel 0.5% FOB Singapore (Platts) vs Brent 1st Line Future (in Bbls)	MFT	MFT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil Crack - Marine Fuel 0.5% FOB Singapore (Platts) vs Brent 1st Line Future (in MTs)	TEN	TEN	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Crack - Marine Fuel 0.5% FOB Singapore (Platts) vs Brent 1st Line Balmo Future (in MTs)	MHF	MHF	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Diesel Crack - Diesel 10ppm FOB ARA Barges (Platts) vs Brent 1st Line Future (in Bbls)	TEP	TEP	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Future	MF5	MF5	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Future	FNV	FNV	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Future	FNV	FNV	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Fuel Oil 3.5% FOB Rotterdam Barges (Platts) Mini Future	MDH	MDH	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Low Sulphur Gasoil 1st Line Future	FDH	FDH	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	FDI	FDI	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Future	MF4	MF4	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Balmo Mini Future	FDK	FDK	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Future	MF7	MF7	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) Future vs Fuel Oil 380 CTS Singapore (Platts) Future	MF6	MF6	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs 380 CST Singapore (Platts) Balmo Future	FNW	FNW	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs 380 CST Singapore (Platts) Balmo Future	FNW	FNW	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs Fuel Oil 380 CST Singapore (Platts) Mini Future	MDG	MDG	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs Singapore Gasoil (Platts) Future (in MTs)	FDG	FDG	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs Singapore Gasoil (Platts) Balmo Future (in MTs)	FDG	FDG	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Balmo Future	MFU	MFU	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Balmo Future	MFV	MFV	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Mini Future	MFY	MFY	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Mini Future	MFZ	MFZ	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Fuel Oil 1% FOB NWE Cargoes (Platts) Future	MFS	MFS	1,000 mt	\$21.75	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB Rotterdam Barges (Platts) Mini Future	GOR	GOR	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil 0.1% FOB Rotterdam Barges Future	GOF	GOF	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB ARA Barges (Platts) Balmo Future	GOG	GOG	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Diff - Gasoil 0.1% FOB ARA Barges (Platts) vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Future	GDF	GDF	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB Rotterdam Barges vs Brent 1st Line Future	GRB	GRB	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Future	ULR	ULR	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB ARA Barges (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	ULY	ULY	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Outright - Gasoil 0.1% FOB ARA Barges (Platts) Micro Future (10 MT)	THK	THK	10 mt	\$0.2725	\$0.11	\$0.11	\$0.01
Gasoil 0.1% FOB Med Cargoes Future	GOM	GOM	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% FOB Med Cargoes (Platts) Balmo Mini Future	GON	GON	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil 0.1% CIF Med Cargoes (Platts) Mini Future	GCP	GCP	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil 0.1% CIF Med Cargoes (Platts) Balmo Mini Future	GCR	GCR	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil 0.1% CIF Med Cargoes Future	GCM	GCM	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Outright - Gasoil 0.1% CIF Med Cargoes (Platts) Balmo Future	JFL	JFL	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Future	ULQ	ULQ	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Future	ULW	ULW	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF NWE Cargoes Future	GCW	GCW	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF NWE Cargoes (Platts) Balmo Future	GCX	GCX	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Future	ULT	ULT	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 0.1% CIF NWE Cargoes (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	ULX	ULX	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Outright - Middle East Gasoil FOB Arab Gulf (Platts) Mini Future	TEV	TEV	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Gasoil Outright - Singapore Gasoil 0.05% (Platts) Mini Future	SWM	SWM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Gasoil Outright - Singapore Gasoil 0.05% (Platts) Future	SWS	SWS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Outright - Singapore Gasoil 0.05% (Platts) Balmo Future	SWT	SWT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Crack - Singapore Gasoil (Platts) vs Brent 1st Line Future	SGB	SGB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Crack - Singapore Gasoil 0.05% (Platts) vs Dubai 1st Line (Platts) Future	SFG	SFG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Arb - Singapore Gasoil 0.05% (Platts) vs Low Sulphur Gasoil 1st Line Future (in Bbls)	SWW	SWW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Diff - Singapore Gasoil 0.05% (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future (in Bbls)	SWR	SWR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Outright - Singapore Gasoil (Platts) Future	GST	GST	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Outright - Singapore Gasoil (Platts) Mini Future	GSR	GSR	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Gasoil Outright - Singapore Gasoil (Platts) Balmo Mini Future	GSY	GSY	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Gasoil Outright - Singapore Gasoil (Platts) Balmo Future	GSS	GSS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Crack - Singapore Gasoil (Platts) vs Dubai 1st Line (Platts) Future	BAO	BAO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Diff - Singapore Gasoil (Platts) vs Low Sulphur Gasoil 1st Line Future (in Bbls)	BAP	BAP	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Arb - Singapore Gasoil (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future (in Bbls)	GSL	GSL	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Diff - Singapore Gasoil (Platts) vs Singapore Gasoil 0.05% (Platts) Future	GSW	GSW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Diff - Singapore Gasoil (Platts) vs Singapore Gasoil 0.05% (Platts) Balmo Future	G SX	G SX	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Outright - Gasoil 0.1% CIF NWE Cargoes (Platts) Mini Future	GOS	GOS	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil Outright - Gasoil 0.1% FOB Med Cargoes (Platts) Line Future	GOP	GOP	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil 50ppm FOB Rotterdam Barges Future	GSA	GSA	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 50ppm FOB Rotterdam Barges Balmo Future	GSB	GSB	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil 50ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Future	ULH	ULH	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Diff - Gasoil 50ppm FOB Rotterdam Barges (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	UMF	UMF	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Low Sulphur Gasoil 1st Line Future	ULA	ULA	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Gasoil Outright - Low Sulphur Gasoil 1st Line Micro Future (10 MT)	GNT	GNT	10 mt	\$0.2725	\$0.11	\$0.11	\$0.01
Low Sulphur Gasoil 1st Line Balmo Future	ULV	ULV	100 mt	\$2.725	\$1.10	\$1.10	\$0.10

## Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Low Sulphur Gasoil Bullet Future	ULS	UUB	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Low Sulphur Gasoil 1st Line vs Brent 1st Line Future (mt)	ULC	ULC	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Low Sulphur Gasoil 1st Line vs Brent 1st Line Balmo Future (in Mts)	UL8	UL8	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Low Sulphur Gasoil 1st Line vs Brent 1st Line Mini Future (bbl)	LVB	LVB	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Low Sulphur Gasoil 1st Line vs Brent 1st Line Future (bbl)	ULD	ULD	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Low Sulphur Gasoil 1st Line vs Brent 1st Line Balmo Future (in Bbl)	LVA	LVA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoil Diff - Low Sulphur Gasoil 1st Line vs Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Future	GDD	GDD	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gasoil Outright - Middle East 500 ppm Gasoil FOB Fujairah (Platts) Future	NPE	NPE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Middle East Gasoil FOB Arab Gulf (Platts) Future	GCC	GCC	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Middle East Gasoil FOB Arab Gulf (Platts) Balmo Future	GCN	GCN	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoline Outright - Eurobob Non Oxy Gasoline NWE FOB Barges (GX) Future	MHI	MHI	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - Eurobob Non Oxy Gasoline NWE FOB Barges (GX) Balmo Mini Future	MHU	MHU	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Outright - Eurobob Non Oxy Gasoline NWE FOB Barges (GX) Mini Future	MHK	MHK	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Outright - Argus Eurobob Non-Oxy FOB Rotterdam Barges Mini Future	TEQ	TEQ	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Outright - Argus Eurobob Non-Oxy FOB Rotterdam Barges Balmo Mini Future	TER	TER	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Crack - Argus Eurobob Non-Oxy FOB Rotterdam Barges vs Brent 1st Line Future (in MTs)	TET	TET	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Crack - Argus Eurobob Non-Oxy FOB Rotterdam Barges vs Brent 1st Line Mini Future (in Bbls)	MHU	MHU	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Gasoline Diff - Argus Eurobob Non-Oxy FOB Rotterdam Barges vs Naphtha CIF NWE Cargoes (Platts) Future	TEU	TEU	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - E10 Eurobob FOB Rotterdam Barges (Platts) Future	JFB	JFB	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - E10 Eurobob FOB Rotterdam Barges (Platts) Balmo Future	JFD	JFD	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - E10 Eurobob FOB Rotterdam Barges (Platts) Mini Future	JFC	JFC	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Crack - E10 Eurobob FOB Rotterdam Barges (Platts) vs Brent 1st line Future (in Bbls)	JFE	JFE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Eurobob Gasoline FOB Rotterdam Barge (Platts) Future	GDG	GDG	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - MTBE FOB Singapore (Platts) Mini Future	CGK	CGK	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Premium Unleaded Gasoline 10ppm CIF NWE Cargoes (Platts) Future	UCE	UCE	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Premium Unleaded Gasoline 10ppm FOB Med Cargoes (Platts) Mini Future	GCZ	GCZ	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Premium Unleaded Gasoline 10ppm FOB Med Cargoes Future	UCB	UCB	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Premium Unleaded Gasoline 10ppm FOB Med Cargoes Balmo Future	UCC	UCC	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Gasoline Outright - Premium Unleaded Gasoline 10ppm FOB Med Cargoes (Platts) Mini Balmo Future	UCD	UCD	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Gasoline Diff - Premium Unleaded Gasoline 10ppm FOB Med Cargoes (Platts) vs Argus Eurobob Non-Oxy FOB Rotterdam Barges Future	TES	TES	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Premium Unleaded Gasoline 10ppm FOB Rotterdam Barge (Platts) Future	GDI	GDI	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Premium Unleaded Gasoline 10ppm FOB Rotterdam Barge (Platts) Balmo Future	GDH	GDH	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Premium Unleaded Gasoline 10ppm FOB Med Cargoes (Platts) vs Argus Eurobob Oxy FOB Rotterdam Barges Future	GDA	GDA	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Premium Unleaded Gasoline 10ppm FOB Med Cargoes (Platts) vs Argus Eurobob Oxy FOB Rotterdam Barges Future	GDE	GDE	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Middle East Mogas 92 FOB Arab Gulf (Platts) Future	SMQ	SMQ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoline Outright - Middle East Mogas 92 FOB Arab Gulf (Platts) Balmo Future	NPD	NPD	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 92 Unleaded (Platts) Mini Future	SMV	SMV	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 92 Unleaded (Platts) Mini Balmo Future	SMW	SMW	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 92 Unleaded (Platts) Future	SMT	SMT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 92 Unleaded (Platts) Balmo Future	SMU	SMU	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 92 Unleaded (Platts) vs Argus Eurobob Non-Oxy FOB Rotterdam Barges Future	GDJ	GDJ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 92 Unleaded (Platts) vs Argus Eurobob Oxy FOB RDAM Barges Future	GDK	GDK	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoline Crack - Singapore Mogas 92 Unleaded (Platts) vs Dubai 1st Line (Platts) Future	GNQ	GNQ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 95 Unleaded (Platts) Mini Future	SMH	SMH	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 95 Unleaded (Platts) Mini Balmo Future	SMI	SMI	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 95 Unleaded (Platts) Future	SMF	SMF	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 95 Unleaded (Platts) Balmo Future	SMG	SMG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 97 Unleaded (Platts) Mini Future	SMY	SMY	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 97 Unleaded (Platts) Mini Balmo Future	SMZ	SMZ	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Mogas 97 Unleaded (Platts) Future	SMS	SMS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 97 Unleaded (Platts) Balmo Future	SMX	SMX	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 92 Unleaded (Platts) vs Brent 1st Line Future	STB	STB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gasoline Crack - Singapore Mogas 92 Unleaded (Platts) vs Brent 1st Line Balmo Future	STC	STC	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 95 Unleaded (Platts) vs Brent 1st Line Future	SFB	SFB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 97 Unleaded (Platts) vs Brent 1st Line Future	SSB	SSB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 95 Unleaded vs Singapore Mogas 92 Unleaded Future	SMD	SMD	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 97 Unleaded vs Singapore Mogas 92 Unleaded Future	SMC	SMC	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Mogas 97 Unleaded vs Singapore Mogas 95 Unleaded Future	SMB	SMB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Diesel 10ppm ARA Barges (Platts) Mini Future	DOQ	DOQ	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Diesel 10ppm FOB ARA Barges (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	UMA	UMA	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm CIF NWE Cargoes Future	DCC	DCC	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Future	ULG	ULG	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm CIF NWE (Le Havre) Cargoes vs Low Sulphur Gasoil 1st Line Balmo Future	UMB	UMB	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm FOB Rotterdam Barges Future	DOR	DOR	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm FOB Rotterdam Barges (Platts) Balmo Future	DOS	DOS	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Future	ULE	ULE	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm (UK) CIF NWE Cargoes Future	DCN	DCN	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Future	ULU	ULU	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel 10ppm (UK) CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Future	ULZ	ULZ	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - Diesel 10ppm UK CIF NWE Cargoes (Platts) Future	DCQ	DCQ	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Diff - Diesel 10ppm UK CIF NWE Cargoes (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	DDR	DDR	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Diff - Diesel 10ppm UK CIF NWE Cargoes (Platts) vs Low Sulphur Gasoil 1st Line Future	DDQ	DDQ	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
ULSD 10ppm CIF Med Cargoes Future	UCM	UCM	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
ULSD 10ppm CIF Med Cargoes Mini Future	FFM	FFM	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
ULSD 10ppm CIF Med Cargoes Balmo Future	UCL	UCL	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Future	ULI	ULI	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
ULSD 10ppm CIF Med Cargoes vs Low Sulphur Gasoil 1st Line Balmo Future	UMC	UMC	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - ULSD 10ppm CIF Med Cargoes (Platts) Balmo Mini Future	TEX	TEX	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
ULSD 10ppm CIF NWE Cargoes vs Brent 1st Line Future (bbl)	UHM	UHM	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
ULSD 10ppm CIF NWE Cargoes Future	ULN	ULN	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00

## Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
ULSD 10ppm CIF NWE Cargoes (Platts) Mini Future	14Y	14Y	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
ULSD 10ppm CIF NWE Cargoes (Platts) Balmo Future	ULO	ULO	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - ULSD 10ppm CIF NWE Cargoes (Platts) Balmo Mini Future	DOK	DOK	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
ULSD 10ppm CIF NWE Cargoes vs Brent 1st Line Future	UBN	UBN	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
ULSD 10ppm CIF NWE Cargoes (Platts) vs Brent 1st Line Balmo Future (in Bbl)	14Z	14Z	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
ULSD 10ppm CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Future	ULF	ULF	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
ULSD 10ppm CIF NWE Cargoes (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	UMD	UMD	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - ULSD 10ppm FOB Med Cargoes (Platts) Future	UCO	UCO	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - ULSD 10ppm FOB Med Cargoes (Platts) Mini Future	FFL	FFL	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Diesel Outright - ULSD 10ppm FOB Med Cargoes (Platts) Balmo Mini Future	TEW	TEW	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Argus Eurobob Non-Oxy FOB Rotterdam Barges Future	AEK	AEK	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Non-Oxy FOB Rotterdam Barges Balmo Future	AEE	AEE	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Non-Oxy FOB Rotterdam Barges vs Eurobob Oxy FOB Rotterdam Barges Future	AEL	AEL	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Non-Oxy FOB Rotterdam Barges vs Brent 1st Line Future (in Bbls)	AEA	AEA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Daily Argus Eurobob Oxy FOB Rotterdam Barges Mini Future	AIT	AIT	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Argus Eurobob Oxy FOB Rotterdam Barges Mini Future	AOM	AOM	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Argus Eurobob Oxy FOB Rotterdam Barges Mini Balmo Future	AEN	AEN	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Argus Eurobob Oxy FOB Rotterdam Barges Future	AEO	AEO	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Oxy FOB Rotterdam Barges Balmo Future	AEP	AEP	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Future (in Bbl)	AEB	AEB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Future (in Bbl)	AIR	AIR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Future	EOB	EOB	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Crude Diff - Argus Eurobob Oxy FOB Rotterdam Barges vs Naphtha CIF NWE Cargoes (Platts) Mini Future	EOO	EOO	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
Argus Eurobob Oxy FOB Rotterdam Barges vs Naphtha CIF NWE Cargoes Future	EON	EON	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Balmo Future (in Mts)	AES	AES	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Soybean Oil Penultimate Day 1st Line Future	SOY	SOY	100 mt	\$3.815	\$1.10	\$1.10	\$0.10
Soybean Oil Penultimate Day 1st Line Balmo Future	SOW	SOW	100 mt	\$3.815	\$1.10	\$1.10	\$0.10
Ammonia Outright - Ammonia CFR NWE (Weekly) (Platts) Future	AOC	AOC	100 mt	\$20.00	\$15.00	\$15.00	\$1.50
Ammonia Outright - Argus Ammonia NWE CFR Future	AOA	AOA	100 mt	\$20.00	\$15.00	\$15.00	\$1.50
Biodiesel Diff - Argus Biodiesel FAME -10 FOB ARA Range (RED Compliant) vs Low Sulphur Gasoil 1st Line Future	GNS	GNS	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biodiesel Outright - Argus Biodiesel FAME Zero FOB ARA Range (RED Compliant) Mini Future	FAZ	FAZ	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biodiesel Outright - Argus Biodiesel RME FOB ARA Range (RED Compliant) Mini Future	FAR	FAR	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biofuel Outright - Argus HVO FOB ARA Range (Class II) Future	BDA	BDA	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biodiesel Diff - Argus HVO FOB ARA Range (Class II) vs Low Sulphur Gasoil 1st Line Future	HVO	HVO	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biodiesel Outright - Argus UCOME FOB ARA Range (Red Compliant)	BDB	BDB	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Biodiesel Diff - Argus UCOME FOB ARA Range (RED Compliant) vs Low Sulphur Gasoil 1st Line Future	UCR	UCR	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Argus Biodiesel RME FOB Rotterdam (RED Compliant) Future	ABI	ABI	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Argus Biodiesel RME FOB Rotterdam (RED Compliant) vs LSGO 1st Line Future	BRI	BRI	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Argus Biodiesel FAME Zero FOB Rotterdam (RED Compliant) Future	FAM	FAM	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Argus Biodiesel FAME Zero FOB Rotterdam (RED Compliant) vs Low Sulphur Gasoil 1st Line Future	BFZ	BFZ	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Methanol Outright - Argus Methanol FOB Rotterdam Barge Future	BMO	BMO	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Methanol Outright - Methanol T2 FOB Rotterdam (ICIS) Future	BMN	BMN	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
Singapore Jet Kerosene Mini Future	RSM	RSM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Jet Kerosene (Platts) Future	SRS	SRS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Outright - Middle East Jet Kero FOB Arab Gulf (Platts) Future	GCV	GCV	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Outright - Middle East Jet Kero FOB Arab Gulf (Platts) Mini Future	MHG	MHG	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Jet Fuel Outright - Middle East Jet Kero FOB Arab Gulf (Platts) Balmo Mini Future	MHH	MHH	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Jet Fuel Outright - Singapore Jet Kero Cargoes (Platts) Balmo Mini Future	CGL	CGL	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Jet Kerosene (Platts) Balmo Future	SBJ	SBJ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Jet Kero Cargoes (Platts) vs Dubai 1st Line (Platts) Future	SFF	SFF	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Diff - Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil (Platts) Future	BAQ	BAQ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Diff - Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil (Platts) Balmo Future	BAT	BAT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Jet Kero (Platts) vs Low Sulphur Gasoil 1st Line Future	SJR	SJR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Diff - Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil 0.05% (Platts) Future	SVW	SVW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet Fuel Diff - Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil 0.05% (Platts) Balmo Future	SVX	SVX	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet CIF NWE Cargoes (Platts) Mini Future	JCM	JCM	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet Fuel Outright - Jet CIF NWE Cargoes (Platts) Balmo Mini Future	JCO	FNX	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet CIF NWE Cargoes (Platts) Future	JCN	JCN	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet CIF NWE Cargoes Balmo Future	JCO	JCO	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet Fuel Outright - Daily Jet FOB Med Cargoes (Platts) Mini Future	JFA	JFA	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet Fuel Outright - Jet CIF NWE Cargoes (Platts) Balmo Mini Future	FNX	FNX	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet CIF NWE Cargoes vs Brent 1st Line Mini Future	JBM	JBM	100 bbl	\$0.38	\$0.13	\$0.13	\$0.01
Jet CIF NWE Cargoes vs Brent 1st Line Future	JNB	JNB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Future	ULJ	ULJ	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet CIF NWE Cargoes vs Low Sulphur Gasoil 1st Line Balmo Future	UME	UME	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet FOB MED Cargoes (Platts) Mini Future	JCP	JCL	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet FOB MED Cargoes (Platts) Future	JCP	JCP	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet Fuel Outright - Jet FOB Rotterdam Barges (Platts) Balmo Future	JFK	JFK	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet FOB Med Cargoes (Platts) Balmo Mini Future	JCQ	JCQ	100 mt	\$2.94	\$1.10	\$1.10	\$0.10
Jet FOB Med Cargoes (Platts) vs Jet CIF NWE Cargoes (Platts) Future	JEU	JEU	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet FOB Rotterdam Barges (Platts) Future	JER	JER	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet Fuel Diff - Jet FOB Rotterdam Barges (Platts) vs Jet CIF NWE Cargoes (Platts) Balmo Future	JCR	JCR	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Future	ULK	ULK	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Jet FOB Rotterdam Barges vs Jet CIF NWE Cargoes Future	JRJ	JRJ	1,000 mt	\$29.40	\$11.00	\$11.00	\$1.00
Singapore Naphtha (Platts) Mini Future	NSM	NSM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Naphtha Future	NPT	NPT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Naphtha Balmo Future	NPU	NPU	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Naphtha Outright - Middle East Naphtha FOB Arab Gulf (Platts) Future	NOI	NOI	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha Outright - Middle East Naphtha FOB Arab Gulf (Platts) Mini Future	NPA	NPA	100 mt	\$3.450	\$1.10	\$1.10	\$0.10
Naphtha Outright - Middle East Naphtha FOB Arab Gulf (Platts) Balmo Future	NPB	NPB	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha CIF NWE Cargoes (Platts) Future (bbl)	NBA	NBA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09

## Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Naphtha CIF NWE Cargoes (Platts) Mini Daily Future	DNC	DNC	100 mt	\$3.450	\$1.10	\$1.10	\$0.10
Naphtha CIF NWE Cargoes Mini Future	NAM	NAM	100 mt	\$3.450	\$1.10	\$1.10	\$0.10
Naphtha CIF NWE Cargoes (Platts) Mini Balmo Future	NAO	NAO	100 mt	\$3.450	\$1.10	\$1.10	\$0.10
Naphtha CIF NWE Cargoes Future	NEC	NEC	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha Outright - Naphtha CIF NWE Cargoes (Platts) Daily Balmo	NEH	NEH	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha CIF NWE Cargoes vs Brent 1st Line Future	NOB	NOB	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha CIF NWE Cargoes (Platts) vs Brent 1st Line Balmo Future	NCB	NCB	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha CIF NWE Cargoes (Platts) vs Brent 1st Line Future (bbl)	NBB	NBB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Naphtha CIF NWE Cargoes (Platts) vs Brent 1st Line Balmo Future (bbl)	NBL	NBL	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Daily Naphtha C+F Japan (Platts) Mini Future	DNE	DNE	100 mt	\$3.450	\$1.10	\$1.10	\$0.10
Naphtha C+F Japan (Platts) Mini Future	NJM	NJM	100 mt	\$3.45	\$1.10	\$1.10	\$0.10
Naphtha C+F Japan Future	NJC	NJC	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha C+F Japan (Platts) Mini Balmo Future	NJB	NJB	100 mt	\$3.45	\$1.10	\$1.10	\$0.10
Naphtha C+F Japan (Platts) Balmo Future	NJD	NJD	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha C+F Japan (Platts) vs Brent 1st Line Futures (bbl)	NBG	NBG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Naphtha C+F Japan (Platts) vs Brent 1st Line Balmo Futures (bbl)	NBH	NBH	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Naphtha C+F Japan vs Naphtha CIF NWE Cargoes Future	JOE	JOE	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha C+F Japan Cargoes (Platts) vs Naphtha CIF NWE Cargoes (Platts) Balmo Future	JOD	JOD	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha FOB Med Cargoes (Platts) Mini Future	NIM	NIM	100 mt	\$3.45	\$1.10	\$1.10	\$0.10
Naphtha FOB Med Cargoes (Platts) Future	NIT	NIT	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Naphtha FOB Med Cargoes (Platts) Balmo Future	NIU	NIU	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Ethanol T2 FOB Rotterdam Barges (Platts) Future	EFR	EFR	100 m3	\$2.15	\$1.00	\$1.00	\$0.09
PetChem Outright - Paraxylene CFR Taiwan/China (Platts) Future	PCA	PCA	100 mt	\$3.00	\$1.10	\$1.10	\$0.10
PetChem Outright - Paraxylene CFR Taiwan/China (Platts) vs Naphtha C+F Japan Cargoes (Platts) Future	PCB	PCB	100 mt	\$3.00	\$1.10	\$1.10	\$0.10

## Crude Oil & Refined Options - Cleared

Options Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EEO	Exercise (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Daily EU-Style Brent Option	BDE	BDE	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Brent Average Price Option	BRN	I	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Brent Balmo Average Price Balmo Option	BSQ	BSQ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
EU-Style Brent Option	BRN	BUL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Brent 1-Month Calendar Spread Option*	BRM	BRM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Dated Brent Average Price Option	PDB	PDB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Fuel Oil Crack - 3.5% FOB Rotterdam Barges vs Brent 1st Line Average Price Option (bbl)	BOA	BOA	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Average Price Option	MF3	MF3	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil Outright - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) Mini Average Price Option	MFY	MFY	100 mt	\$2.175	\$1.10	\$1.10	\$0.30
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Average Price Option	MF4	MF4	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil Outright - Marine Fuel 0.5% FOB Singapore (Platts) Mini Average Price Option	MFZ	MFZ	100 mt	\$2.175	\$1.10	\$1.10	\$0.30
Fuel Oil Diff - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Average Price Option	MF5	MF5	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil Diff - Marine Fuel 0.5% FOB Singapore (Platts) vs 380 CST Singapore (Platts) Average Price Option	MF6	MF6	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Low Sulphur Gasoil Average Price Option	ULA	ULA	100 mt	\$3.125	\$0.69	\$0.69	\$0.30
Low Sulphur Gasoil Balmo Average Price Balmo Option	ULV	ULV	100 mt	\$3.125	\$0.69	\$0.69	\$0.30
Low Sulphur Gasoil 1st Line vs Brent 1st Line Average Price Option (bbl)	ULD	ULD	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Low Sulphur Gasoil 1-Month Calendar Spread Option*	UUM	UUM	100 mt	\$3.125	\$0.69	\$0.69	\$0.30
Gasoil Outright - Low Sulphur Gasoil Micro Average Price Option	GNT	GNT	10 mt	\$0.3125	\$0.069	\$0.069	\$0.03
Gasoil Diff - Low Sulphur Gasoil 12-Month Calendar Spread Option*	UJZ	UJZ	100 mt	\$3.125	\$0.69	\$0.69	\$0.30
Gasoil Outright - Singapore Gasoil 0.05% (Platts) Average Price Option	SWS	SWS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoil Outright - Singapore Gasoil (Platts) Mini Average Price Option	GSR	GSR	100 bbl	\$0.375	\$0.134	\$0.134	\$0.03
Naphtha Crack - Naphtha CIF NWE Cargoes (Platts) vs Brent 1st Line Average Price Option (in Bbls)	NBB	NBB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoil Outright - Singapore Gasoil (Platts) Average Price Option	GST	GST	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoil Crack - Singapore Gasoil (Platts) vs Dubai 1st Line (Platts) Average Price Option	BAO	BAO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoil Outright Option - Singapore Mogas 92 Unleaded (Platts) Average Price Option	SMT	SMT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoline Crack Option - Singapore Mogas 92 Unleaded (Platts) vs Brent 1st Line Average Price Opti	STB	STB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Argus Eurobob Oxy FOB Rotterdam Barges Average Price Option	AEO	AEO	1,000 mt	\$31.65	\$11.00	\$11.00	\$0.30
Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Future (bbl)	AEB	AEB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Fuel Oil 3.5% FOB Rdam Barges Fuel Oil Average Price Option	BAR	BAR	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil 380 cst Singapore (Platts) Average Price Option	SYS	SYS	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil 1% FOB NWE Cargoes (Platts) Average Price Option	CAR	CAR	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Fuel Oil Crack - Marine Fuel 0.5% FOB Rotterdam Barges (Platts) vs Brent 1st Line Average Price Option (in Bbls)	MFR	MFR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Fuel Oil Crack - Marine Fuel 0.5% FOB Singapore (Platts) vs Brent 1st Line Average Price Option (in Bbls)	MFT	MFT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
180 CST Singapore Fuel Oil Average Price Option	SZS	SZS	1,000 mt	\$21.75	\$11.00	\$11.00	\$0.30
Jet Fuel Outright - Singapore Jet Kerosene (Platts) Mini Average Price Option	RSM	RSM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.03
Jet Fuel Outright - Jet CIF NWE Cargoes (Platts) Mini Average Price Option	JCM	JCM	100 mt	\$2.94	\$1.10	\$1.10	\$0.03
Jet CIF NWE Cargoes (Platts) Average Price Option	JCN	JCN	1,000 mt	\$29.40	\$11.00	\$11.00	\$0.30
Singapore Jet Kerosene (Platts) Average Price Option	SRS	SRS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Singapore Jet Kero Cargoes (Platts) vs Dubai 1st Line (Platts) Average Price Option	SFF	SFF	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Gasoil Crack Option - Singapore Mogas 92 Unleaded (Platts) vs Dubai 1st Line (Platts) Average Price Option	GNQ	GNQ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Naphtha CIF NWE Cargoes (Platts) Average Price Option	NEC	NEC	1,000 mt	\$34.50	\$11.00	\$11.00	\$0.30
Naphtha Outright - Naphtha CIF NWE Cargoes (Platts) Average Price Daily Balmo Option	NEH	NEH	1,000 mt	\$34.50	\$11.00	\$11.00	\$0.30
Naphtha CIF NWE Cargoes (Platts) vs Brent 1st Line Average Price Option	NOB	NOB	1,000 mt	\$34.50	\$11.00	\$11.00	\$0.30

\*These Calendar Spread Options are charged a Cash Settlement Fee: 1,000 bbl = \$0.09, 100 mt = \$0.10, and 1,000 mt = \$1.00 per lot.

### Payment Cleared Transactions

The clearinghouse will collect the commission from Participant's FCM account on behalf of ICE no later than the first business day after the Transaction was Executed. ICE will rebate to Participant amounts collected in excess, if any, of the rates above within 30 days of the end of the month in which the Transaction was Executed.

[Market Data Fees - Minimum commissions](#)

## Wet Freight - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Daily - TD3C FFA - Middle East Gulf to China (Baltic) Mini Future	DFN	DFN	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TD7 FFA - UK North Sea to Continent (Baltic) Mini Future	DFO	DFO	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TD8 FFA - Kuwait to Singapore (Baltic) Mini Future	DFP	DFP	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TD20 FFA - West Africa to UK-Continent (Baltic) Mini Future	DFQ	DFQ	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TC2 FFA - Northwest Europe to USAC (Baltic) Mini Future	DFS	DFS	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TC5 FFA - Arabian Gulf to Japan (Platts) Mini Future	DFT	DFT	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TC6 FFA - Skikda to Lavera (Cross Med) (Baltic) Mini Future	DFU	DFU	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TC12 FFA - WCI to Japan (Baltic) Mini Future	DFX	DFX	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TC14 FFA - USGC to Continent (Baltic) Mini Future	DFY	DFY	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TD9 FFA - Caribbean to US Gulf (Baltic) Mini Future	WDB	WDB	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - TD19 FFA - Cross Med (Ceyhan to Lavera) (Baltic) Mini Future	WDA	WDA	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Wet Freight - Daily - TD22 FFA - US Gulf to China (Baltic) Mini Future	WHG	WHG	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - Dirty FFA - USGC to UK Continent (Platts) Mini Future	DFC	DFC	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Wet Freight - Daily - Dirty FFA - USGC to UK Continent VLCC (Platts) Mini Future	WHI	WHI	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - Dirty FFA - USGC to China (Platts) Mini Future	DFD	DFD	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Daily - Dirty FFA - Daily Cross-UKC (Platts) Mini Future	WFJ	WFJ	100 mt	\$1.50	\$0.35	\$0.35	\$0.09
Clean FFA Arab Gulf to Japan (Platts) Future	TCY	TCY	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Dirty USGC-China (Platts) Future	WDD	WDD	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - Dirty FFA - Cross-UKC (Platts) Future	JFG	JFG	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - Dirty FFA - Cross-UKC (Platts) Balmo Future	WFK	WFK	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Dirty USGC-UK Continent (Platts) Future	WDE	WDE	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Dirty FFA - USGC to UK Continent (Platts) Balmo Future	DUR	DUR	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - Dirty FFA - USGC to UK Continent VLCC (Platts) Future	WHH	WHH	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Dirty FFA - USGC to China (Platts) Balmo Future	DUS	DUS	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - LPG (BLPG2) FFA Houston to Flushing (Baltic) Future	WHF	WHF	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC2 FFA - Northwest Europe to USAC (Baltic) Balmo Future	WNT	WNT	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC2 FFA - Northwest Europe to USAC (Baltic) Future	WNU	WNU	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC5 FFA - Arabian Gulf to Japan (Platts) Future	WMJ	WMJ	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC5 FFA - Arabian Gulf to Japan (Platts) Balmo Future	WNX	WNX	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC6 FFA - Skikda to Lavera (Cross Med) (Baltic) Future	WSL	WSL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC6 FFA - Skikda to Lavera (Cross Med) (Baltic) Balmo Future	WNZ	WNZ	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC7 FFA - Singapore to EC Australia (Baltic) Future	TC7	TC7	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC7 FFA - Singapore to EC Australia (Baltic) Balmo Future	TC8	TC8	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC9 FFA - Baltic to UK-Continent (Baltic) Future	TC9	TC9	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC9 FFA - Baltic to UK Continent (Baltic) Balmo Future	TCJ	TCJ	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC11 FFA - South Korea to Singapore (Baltic) Future	WAK	WAK	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC12 FFA - WCI to Japan (Baltic) Future	TCN	TCN	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC12 FFA - WCI to Japan (Baltic) Balmo Future	TCK	TCK	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC14 FFA - USGC to Continent (Baltic) Future	WCN	WCN	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC14 FFA - USGC to Continent (Baltic) Balmo Future	WNW	WNW	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC15 FFA - Med to Far East (Baltic) Future	TCM	TCM	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC15 FFA - Med to Far East (Baltic) Balmo Future	TCL	TCL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC17 FFA - Arab Gulf to East Africa (Baltic) Future	JFF	JFF	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC17 FFA - Arab Gulf to East Africa (Baltic) Balmo Future	TCX	TCX	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC18 FFA - US Gulf to Brazil (Baltic) Future	WFB	WFB	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC18 FFA - US Gulf to Brazil (Baltic) Balmo Future	TCW	TCW	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC20 FFA - Middle East Gulf to UK-Continent (Baltic) Future	WAL	WAL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC20 FFA - Middle East Gulf to UK-Continent (Baltic) Balmo Future	WAM	WAM	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - TC23 FFA - ARA to UK-Continent (Baltic) Future	WFL	WFL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
Wet Freight - TC23 FFA - ARA to UK-Continent (Baltic) Balmo Future	WFM	WFM	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD3C FFA - Middle East Gulf to China (Baltic) Future	TDL	TDL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD3C FFA - Middle East Gulf to China (Baltic) Balmo Future	TDM	TDM	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD5 FFA - West Africa to USAC (Baltic) Future	WAU	WAU	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD7 FFA - UK North Sea to Continent (Baltic) Future	WNC	WNC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD8 FFA - Kuwait to Singapore (Baltic) Future	TDK	TDK	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD8 FFA - Kuwait to Singapore (Baltic) Balmo Future	TDR	TDR	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD9 FFA - Caribbean to US Gulf (Baltic) Future	WDC	WDC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD17 FFA - Baltic to UK Continent (Baltic) Future	BAU	BAU	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD19 FFA - Cross Med (Ceyhan to Lavera) (Baltic) Future	WCL	WCL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD20 West Africa to UK-Continent (Baltic) Future	WAC	WAC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD20 West Africa to UK-Continent (Baltic) Balmo Future	TDA	TDA	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD22 FFA - US Gulf to China (Baltic) Future	WF2	WF2	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD22 FFA - US Gulf to China (Baltic) Balmo Future	WF3	WF3	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD25 FFA - US Gulf to Med (Baltic) Future	WF5	WF5	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
LPG (BLPG3) FFA - Houston to Chiba (Baltic) Future	WFA	WFA	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
LPG (BLPG) FFA - Middle East Gulf East 44,000 Mts (Baltic) Future (in \$/MT)	WAT	WAT	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
LPG (BLPG) FFA - Middle East Gulf to East 44,000 Mts (Baltic) Balmo Future	WAV	WAV	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90

## Wet Freight Options - Cleared

Options Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EOO	Exercise (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Freight Outright - TD20 FFA West Africa to UK Continent (Baltic) Average Price Option	WAC	WAC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
LPG (BLPG) FFA Middle East Gulf to East 44,000 Mts (Baltic) Average Price Option	WAT	WAT	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TC2 FFA - Northwest Europe to USAC (Baltic) Option	WNU	WNU	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TC5 FFA - Arabian Gulf to Japan (Platts) Option	WMJ	WMJ	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30

## Wet Freight Options - Cleared

Options Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EOO	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Exercise (per lot)
TC6 FFA - Skikda to Lavera (Cross Med) (Baltic) Option	WSL	WSL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TC14 FFA - USGC to Continent (Baltic) Option	WCN	WCN	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TD3C FFA - Middle East Gulf to China (Baltic) Average Price Option	TDL	TDL	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TD5 FFA - West Africa to USAC (Baltic) Option	WAW	WAW	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30
TD7 FFA - UK North Sea to Continent (Baltic) Option	WNC	WNC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.30

## Dry Freight - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Cash Settle (per lot)
Capesize Timecharter (Baltic) Freight Future	TCC	TCC	1 day	\$15.00	\$9.00	\$9.00	\$2.30
Panamax Timecharter (Baltic) Freight Future	TCP	TCP	1 day	\$15.00	\$4.50	\$4.50	\$1.20
Supramax Timecharter (Baltic) Freight Future	TCS	TCS	1 day	\$15.00	\$3.00	\$3.00	\$0.80
Handysize Timecharter (Baltic) Freight Future	TCH	TCH	1 day	\$15.00	\$4.50	\$4.50	\$1.20

[Market Data Fees - Minimum commissions](#)

## Ferrous Metals - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Cash Settle (per lot)
Iron Ore - Iron Ore 62% Fe (Platts IODEX) Future	IOR	IOR	1,000 dmt	\$5.00	\$20.00	\$20.00	\$5.00
Iron Ore 62% FE (TSI), CFR Tianjin Future	IOC	IOC	1,000 dmt	\$5.00	\$20.00	\$20.00	\$5.00
Iron Ore 62% FE Platts IODEX vs Iron Ore 62% FE (TSI), CFR Tianjin Future	IOS	IOS	1,000 dmt	\$5.00	\$20.00	\$20.00	\$5.00
Iron Ore 62% Fe (TSI), 500 dmt CFR Tianjin Future	IOT	IOT	500 dmt	\$2.50	\$10.00	\$10.00	\$2.50

[Market Data Fees - Minimum commissions](#)

## Liquefied Natural Gas (LNG) - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Cash Settle (per lot)
Gulf Coast LNG (Platts) 1st Line Financial Future	GPF	GPF	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
JKM LNG (Platts) Future	JKM	JKM	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
JKM LNG (Platts) Balmo Futures	JKD	JKD	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
JKM LNG (Platts) Half Month Futures	JKH	JKH	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
UK NBP Gas 1st Line Financial Futures (USD/MMBTU)	UKD	UKD	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
Dutch TTF Gas 1st Line Financial Futures (USD/MMBTU)	TFU	TFU	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
WIM LNG (Platts) Future	WIM	WIM	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
NWE LNG (Spark) Futures	NWL	NWL	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
SWE LNG (Spark) Futures	SWL	SWL	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
French PEG Natural Gas 1st Line Financial Futures (USD/MMBTU)	PEJ	PEJ	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
German THE Natural Gas 1st Line Financial Futures (USD/MMBTU)	THE	THE	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
Italian PSV Natural Gas 1st Line Financial Futures (USD/MMBTU)	PSV	PSV	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00

## Liquefied Natural Gas (LNG) Options - Cleared

Options Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EOO	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Exercise (per lot)
JKM LNG (Platts) Average Price Option	JKM	JKM	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00
TTF 1st Line (USD/MMBTU) Average Price Option	TFU	TFU	10,000 MMBtu	\$10.00	\$10.00	\$10.00	\$1.00

## LNG Freight - Cleared

Options Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EOO	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Exercise (per lot)
Spark30S Atlantic Sabine Pass to Gate LNG Freight Future	LFI	LFI	1 day	--	--	\$30.00	\$1.00
Spark25S Pacific NWS to Tianjin LNG Freight Future	LFH	LFH	1 day	--	--	\$30.00	\$1.00



# Membership Fees

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## MEMBERSHIP FEES

Membership Category	ANNUAL SUBSCRIPTION
	MEMBER
General Participant	\$11,500
Trade Participant	\$4,500
Individual Participant	\$600

Membership Category	ONE OFF APPLICATION FEE
	MEMBER
General Participant	\$4,500
Trade Participant	\$4,500
Individual Participant	\$800

Prices are all exclusive of any applicable VAT

ICE Futures Europe

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