



ICE FUTURES EUROPE
EXCHANGE & CLEARING FEES
CURRENT LIQUIDITY PROVIDER PROGRAMMES
5th April 2018

INTERCONTINENTAL EXCHANGE

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EXCHANGE & CLEARING FEES

ENERGY PRODUCTS — TRANSACTION FEES (PER SIDE PER LOT)

| CONTRACT LEVIES — BRENT, BRENT NX, GASOIL, LOW SULPHUR GASOIL, WTI, HEATING OIL, RBOB GASOLINE, ME SOUR CRUDE, ASCI AND ASCI DIFFERENTIAL | FEE (\$) | | |
|---|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Cash Settlement | — | 0.09 | 0.09 |
| Deliveries (Gasoil and Low Sulphur Gasoil only) ¹ | — | 8.00 | 8.00 |
| EFP/EFS/Block | 0.12 | 1.20 | 1.32 |
| Futures Contracts | 0.25 | 0.57 | 0.82 |
| Futures Style Option Contracts (Brent, WTI, Gasoil and Low Sulphur Gasoil) | 0.25 | 0.57 | 0.82 |
| Futures Style Option Exercise (Brent, WTI, Gasoil and Low Sulphur Gasoil) | — | 0.30 | 0.30 |

¹ (\$2.50 if ADP 2 days prior to first day of each delivery range)

| CONTRACT LEVIES — UK NATURAL GAS (GBP) | FEE (£) — MONTHLY | | | FEE (£) — DAILY | | |
|--|-------------------|----------|-------|-----------------|----------|--------|
| | EXCHANGE | CLEARING | TOTAL | EXCHANGE | CLEARING | TOTAL |
| Cash Settlement | — | — | — | — | 0.0050 | 0.0050 |
| Deliveries (Per Day) | — | 0.05 | 0.05 | — | 0.0500 | 0.0500 |
| EFP/EFS/Block | 0.05 | 0.58 | 0.63 | 0.0025 | 0.0225 | 0.0250 |
| Futures Contracts | 0.12 | 0.26 | 0.38 | 0.0080 | 0.0170 | 0.0250 |
| 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 (EUR) | FEE (€) PER MWH | | |
|--|-----------------|----------|---------|
| | EXCHANGE | CLEARING | TOTAL |
| Deliveries | — | 0.05 | 0.05 |
| EFP/EFS/Block | 0.00038 | 0.00337 | 0.00375 |
| Futures Contracts | 0.00113 | 0.00262 | 0.00375 |

| CONTRACT LEVIES — COAL | FEE (\$) PER MONTHLY LOT | | |
|---------------------------|--------------------------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Cash Settlement | — | 2.00 | 2.00 |
| EFP/EFS/Block | 0.90 | 8.10 | 9.00 |
| Futures/Options Contracts | 2.75 | 6.25 | 9.00 |
| Option Exercise | — | 2.00 | 2.00 |

| CONTRACT LEVIES — UK ELECTRICITY | FEE (£) PER MWH | | |
|----------------------------------|-----------------|----------|---------|
| | EXCHANGE | CLEARING | TOTAL |
| Deliveries (includes Elexon fee) | — | 0.00450 | 0.00450 |
| EFP/EFS/Block | 0.00023 | 0.00202 | 0.00225 |
| Futures Contracts | 0.00068 | 0.00157 | 0.00225 |

| CONTRACT LEVIES — EMISSIONS | FEE (€) | | |
|---|-------------------------------------|-------------------------------------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Option Block (Members Proprietary Business) | 0.35 | 3.15 | 3.50 |
| EFP/EFS/Block, including options (All Other Business) | 0.40 | 3.60 | 4.00 |
| Futures/Daily Futures/Option Contracts | 1.05 (Members Proprietary Business) | 2.45 (Members Proprietary Business) | 3.50 |
| | 1.20 (All Other Business) | 2.80 (All Other Business) | 4.00 |
| Option Exercise | — | 1.50 | 1.50 |
| U.K. Auction Contracts | 0.06 | 0.14 | 0.20 |

SOFT COMMODITY PRODUCTS — TRANSACTION FEES (PER SIDE PER LOT)

| CONTRACT LEVIES — LONDON COCOA AND EURO COCOA ² , ROBUSTA COFFEE, WHITE SUGAR AND CONTAINERISED WHITE SUGAR, UK FEED WHEAT | FEE (£) | | |
|---|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| EFP/EFS | 0.09 | 0.78 | 0.87 |
| Futures and Block ³ Contracts | 0.16 | 0.37 | 0.53 |
| Options Contracts (including Calendar Spread Options) | 0.16 | 0.37 | 0.53 |
| Option Exercise (including Calendar Spread Options) | 0.00 | 0.075 | 0.075 |

² London Cocoa and Euro Cocoa — futures exchange and clearing fee is £0.54, with £0.01 per lot per side being paid to support the Cocoa Research Association.

³ Block contract is only applicable to White Sugar Arbitrage and London Cocoa/Euro Cocoa Arbitrage. No fees will be charged on the Euro Cocoa Futures leg of the Cocoa Arbitrage block trade.

| GRADING AND DELIVERY FEES FOR SOFT COMMODITY FUTURES | FEE (£) | | |
|---|---------|--------|----------|
| | GRADING | APPEAL | DELIVERY |
| London Cocoa and Euro Cocoa Standard Delivery Unit | 72 | 63 | 3.50 |
| London Cocoa and Euro Cocoa Large Delivery Unit | 550 | 440 | 25.00 |
| London Cocoa and Euro Cocoa Bulk Delivery - Grading & FFA | 5350 | 3650 | 200.00 |
| London Cocoa and Euro Cocoa Bulk Delivery - Grading Appeal Only | N/A | 3450 | N/A |
| London Cocoa and Euro Cocoa Bulk Delivery - FFA Appeal Only | N/A | 200 | N/A |
| Robusta Coffee Single Lot | 74.5 | 85 | 3.50 |
| Robusta Coffee Grouped Lots | 90 | 102.5 | 5.00 |
| UK Feed Wheat | N/A | N/A | 5.00 |
| White Sugar | N/A | N/A | 5.00 |
| Containerised White Sugar | N/A | N/A | 5.00 |

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

| GUARDIAN DEPOSITORY LODGEMENT FEES FOR LONDON COCOA, EURO COCOA AND ROBUSTA COFFEE | FEE (£) |
|--|---------|
| 1-10 warrants | 170 |
| 11-50 warrants | 315 |
| 51-100 warrants | 400 |
| 101-150 warrants | 475 |
| 151-200 warrants | 575 |

EXCHANGE & CLEARING FEES

EQUITY PRODUCTS

TRANSACTION FEES (PER SIDE PER LOT, UP TO A FEE CAP WHERE STATED)

| | FEE CAP ² | | | | | | | | | | | | | | | | | | |
|---|----------------------|----------|-------|----------------------------|----------------------------|-------------------------|----------------------|-----------------|-----------------------|-----------|----------|--------|----------------------|-----------------|-------------------|----------|--------|----------------------|-----------------|
| | | | | | | | | | | PUBLISHED | | | | | DELAYED PUBLISHED | | | | |
| | Exchange | Clearing | Total | Exchange Delayed Published | Clearing Delayed Published | Total Delayed Published | Exercise/ Assignment | Cash Settlement | Delivery ¹ | Exchange | Clearing | Total | Exercise/ Assignment | Cash Settlement | Exchange | Clearing | Total | Exercise/ Assignment | Cash Settlement |
| FTSE 100 Index futures and options (including FTSE 100 Weekly Options) ³ | £0.08 | £0.20 | £0.28 | N/A | N/A | N/A | £0.20 | £0.20 | N/A | N/A | N/A | N/A | £1,500 | N/A | N/A | N/A | N/A | N/A | N/A |
| FTSE 100 Index futures and options (block only) | £0.03 | £0.25 | £0.28 | £0.04 | £0.29 | £0.33 | £0.20 | £0.20 | N/A | £150 | £1,350 | £1,500 | £1,500 | N/A | £180 | £1,620 | £1,800 | £1,500 | N/A |
| FTSE 100 Dividend Index futures ⁴ | £0.08 | £0.20 | £0.28 | N/A | N/A | N/A | 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 Dividend Index futures (block only ⁴) | £0.03 | £0.25 | £0.28 | £0.04 | £0.34 | £0.38 | 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 250 Index futures | £0.04 | £0.09 | £0.13 | N/A | N/A | N/A | 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 250 Index futures and options (block only) | £0.01 | £0.12 | £0.13 | £0.02 | £0.13 | £0.15 | £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 |
| MSCI Emerging Markets Index futures | £0.15 | £0.35 | £0.50 | N/A | N/A | N/A | 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 |
| MSCI Emerging Markets Index futures (block only) | £0.05 | £0.45 | £0.50 | £0.06 | £0.54 | £0.60 | 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 |
| MSCI Europe Index futures | £0.09 | £0.21 | £0.30 | N/A | N/A | N/A | 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 |
| MSCI Europe Index futures and options (block only) | £0.03 | £0.27 | £0.30 | £0.04 | £0.31 | £0.35 | £0.30 | £0.30 | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A | N/A |
| MSCI World Index futures | £0.15 | £0.35 | £0.50 | N/A | N/A | N/A | 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 |
| MSCI World Index futures (block only) | £0.05 | £0.45 | £0.50 | £0.06 | £0.54 | £0.60 | 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 |
| 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 Stock futures (block only) | €0.02 | €0.16 | €0.18 | €0.03 | €0.17 | €0.20 | N/A | €0.30 | €3.00 | €37 | €328 | €365 | N/A | €365 | €48 | €427 | €475 | N/A | €365 |
| 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 | €20 | €180 | €200 | €200 | N/A | €24 | €216 | €240 | €200 | N/A |
| Australian and Turkish 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 |

EQUITY PRODUCTS (CONTINUED)

TRANSACTION FEES (PER SIDE PER LOT, UP TO A FEE CAP WHERE STATED)

| | Exchange | Clearing | Total | Exchange Delayed Published | Clearing Delayed Published | Total Delayed Published | Exercise/Assignment | Cash Settlement | Delivery ¹ | FEE CAP ² | | | | | | | | | |
|--|----------|----------|--------|----------------------------|----------------------------|-------------------------|---------------------|-----------------|-----------------------|----------------------|----------|---------|---------------------|-----------------|-------------------|----------|---------|---------------------|-----------------|
| | | | | | | | | | | PUBLISHED | | | | | DELAYED PUBLISHED | | | | |
| | | | | | | | | | | Exchange | Clearing | Total | Exercise/Assignment | Cash Settlement | Exchange | Clearing | Total | Exercise/Assignment | Cash Settlement |
| Turkish Stock futures (block only) | £0.04 | £0.36 | £0.40 | £0.05 | £0.43 | £0.48 | N/A | £0.20 | £3.00 | £75 | £675 | £750 | N/A | £750 | £90 | £810 | £900 | N/A | £750 |
| 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 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 | £750 |
| Canadian, Kazakhstan GDR, Russian GDRs, South Korean GDRs, Taiwan GDR, UK and US 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 GDR, Russian GDR, South Korean ADR, Swiss ADR, UK and US Stock Futures (block only) | £0.01 | £0.09 | £0.10 | £0.02 | £0.10 | £0.12 | N/A | £0.20 | £3.00 | £30 | £270 | £300 | N/A | £300 | £36 | £324 | £360 | N/A | £300 |
| Russian GDRs, US Single Stock options (block only) | £0.03 | £0.25 | £0.28 | £0.04 | £0.29 | £0.33 | £0.20 | N/A | £3.00 | £30 | £120 | £150 | £150 | N/A | £18 | £162 | £180 | £150 | N/A |
| UK Single Stock Options (block only) | £0.04 | £0.36 | £0.40 | £0.05 | £0.40 | £0.45 | £0.20 | N/A | £3.00 | £22 | £198 | £220 | £150 | N/A | £27 | £243 | £270 | £150 | N/A |
| UK Stock Options ³ | £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 |
| 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 | € 1,800 | € 2,000 | € 2,000 | N/A | € 240 | € 2,160 | € 2,400 | € 2,000 | 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 | € 1,800 | € 2,000 | € 2,000 | N/A | € 240 | € 2,160 | € 2,400 | € 2,000 | N/A |
| FTSE 100 Equally Weighted Net Total Return (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 |
| MSCI Regional & Country Specific, MSCI Europe Sectors, MSCI World Sectors, MSCI Factor and MSCI Currency Hedged Index futures (block only) | £0.05 | £0.45 | £0.50 | £0.06 | £0.54 | £0.60 | 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 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 |

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 Withholding

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

EXCHANGE & CLEARING FEES



INTEREST RATE PRODUCTS

TRANSACTION FEES (PER SIDE PER LOT)

| CONTRACT LEVIES — EURODOLLAR | FEE (\$) | | |
|------------------------------|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Cash Settlement | — | 0.06 | 0.06 |
| EFP/EFS/Block | 0.025 | 0.225 | 0.250 |
| Futures Contracts | 0.075 | 0.175 | 0.250 |

| CONTRACT LEVIES — DTCC GCF REPO INDEX | FEE (\$) | | |
|---------------------------------------|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Cash Settlement | — | 0.06 | 0.06 |
| EFP/EFS/Block | 0.086 | 0.774 | 0.860 |
| Futures Contracts | 0.183 | 0.427 | 0.610 |

| CONTRACT LEVIES — EONIA, EONIA SWAP INDEX, EURIBOR®, SHORT STERLING, EUROSUISS ¹ Excludes Eonia and Eonia Swap Index | FEE (£) | | |
|--|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.08 | 0.20 | 0.28 |
| Block with Delayed Publication ¹ | 0.04 | 0.34 | 0.38 |
| Cash Settlement | 0.00 | 0.25 | 0.25 |
| Futures Contracts | 0.08 | 0.20 | 0.28 |
| Options Contracts ¹ | 0.07 | 0.18 | 0.25 |
| Option Exercise | 0.00 | 0.25 | 0.25 |

| CONTRACT LEVIES — SHORT, MEDIUM, LONG AND ULTRA-LONG GILTS | FEE (£) | | |
|--|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.08 | 0.20 | 0.28 |
| Block with Delayed Publication | 0.04 | 0.34 | 0.38 |
| Deliveries | 0.00 | 2.50 | 2.50 |
| Futures Contracts | 0.08 | 0.20 | 0.28 |
| Options Contracts (Long Gilt only) | 0.08 | 0.20 | 0.28 |
| Option Exercise (Long Gilt only) | 0.00 | 0.20 | 0.20 |

| CONTRACT LEVIES — EURO, STERLING, SWISS FRANC, U.S. DOLLAR SWAPNOTE® ² Only Euro Swapnote® | FEE (£) | | |
|--|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.05 | 0.13 | 0.18 |
| Block with Delayed Publication | 0.03 | 0.25 | 0.28 |
| Cash Settlement | 0.00 | 0.15 | 0.15 |
| Futures Contracts | 0.05 | 0.13 | 0.18 |
| Options Contracts ² | 0.05 | 0.13 | 0.18 |
| Option Exercise ² | 0.00 | 0.15 | 0.15 |

| CONTRACT LEVIES — EUROPEAN GOVERNMENT BONDS (GERMAN, ITALIAN, SPANISH, SWISS) | FEE (£) | | |
|---|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| 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 |
| Futures Contracts | 0.05 | 0.13 | 0.18 |

| CONTRACT LEVIES — NON-CUSTOM EURIBOR & GBP LIBOR ERIIS INTEREST RATE FUTURES 1-10YR TENOR | FEE (£) | | |
|---|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.10 | 0.40 | 0.50 |
| Block with Delayed Publication | 0.14 | 0.56 | 0.70 |
| Cash Settlement | 0.10 | 0.40 | 0.50 |
| Futures Contracts | 0.10 | 0.40 | 0.50 |

| CONTRACT LEVIES — CUSTOM EURIBOR AND GBP LIBOR ERIIS INTEREST RATE FUTURES & NON-CUSTOM 30YR TENOR | FEE (£) | | |
|--|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.20 | 0.80 | 1.00 |
| Block with Delayed Publication | 0.28 | 1.12 | 1.40 |
| Cash Settlement | 0.20 | 0.80 | 1.00 |
| Futures Contracts | 0.20 | 0.80 | 1.00 |

| CONTRACT LEVIES — SONIA INDEXED FUTURES | FEE (£) | | |
|---|----------|----------|-------|
| | EXCHANGE | CLEARING | TOTAL |
| Basis/Block | 0.11 | 0.45 | 0.56 |
| Block with Delayed Publication | 0.22 | 0.90 | 1.12 |
| Cash Settlement | 0.00 | 0.56 | 0.56 |
| Futures Contracts | 0.11 | 0.45 | 0.56 |

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 | BQO | CMA-CNE | 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 | B00-B0U | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dubai 1st Line (Platts) Mini Future | DBM | DBM | 100 bbl | \$0.125 | \$0.134 | \$0.134 | \$0.009 |
| Dubai 1st Line (Platts) Future | DBI | DBI | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dubai 1st Line (Platts) Mini Balmo Future | DBK | DPX-DRB | 100 bbl | \$0.125 | \$0.134 | \$0.134 | \$0.009 |
| Dubai 1st Line (Platts) Balmo Future | DBJ | AMA-ANE | 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 Future | PDB | PDB | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dated Brent (Platts) Balmo Future | DBC | QOQ-QOU | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dated Brent vs Dubai 1st Line Future | PDD | PDD | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| CAD WTI Crude Future | WTF | WTF | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| CAD WTI 1st Line Future | WTF | WTH | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dated Brent vs Brent 1st Line Future | DBF | DBF | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Dated Brent vs Brent 1st Line Balmo Future | DBG | BBA-BCE | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Brent CFD vs First Month Future | CFP | CFP | 1 bbl | \$0.00125 | \$0.00134 | \$0.00134 | \$0.00009 |
| Brent CFD vs Second Month Future | CFE | CFE | 1 bbl | \$0.00125 | \$0.00134 | \$0.00134 | \$0.00009 |
| Brent CFD vs Third Month Future | CFR | CFR | 1 bbl | \$0.00125 | \$0.00134 | \$0.00134 | \$0.00009 |
| Daily Dated Brent Future | CFN | CFN | 1 bbl | \$0.00125 | \$0.00134 | \$0.00134 | \$0.00009 |
| Daily Dated Brent Future (1000 bbl) | DDB | DDB | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Daily Dated Brent 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 |
| Dated Brent (Platts) vs Mediterranean Dated Strip (Platts) Future | DDM | DDM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Brent CFD vs Second Month Future | CFD | CFD | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.018 (200 bbl) |
| | | | (5 x 200 bbl) | \$0.250 | \$0.268 | \$0.268 | |
| Brent CFD vs Third Month Future | CFT | CFT | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.018 (200 bbl) |
| | | | (5 x 200 bbl) | \$0.250 | \$0.268 | \$0.268 | |
| Monthly Brent CFD (Platts) vs Second Month (Platts) Future | CFM | CFM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Monthly Brent CFD (Platts) vs Third Month (Platts) Future | CFL | CFL | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Brent CFD vs Second Month Future (1000 bbl) | BSM | BSM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Brent CFD vs Third Month Future (1000 bbl) | BTM | BTM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Brent CFD (Platts) vs Fourth Month Future | BUM | BUM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Argus East Siberian Pacific Ocean (ESPO) Diff Swap Future | ARF | ARF | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Argus East Siberian Pacific Ocean (ESPO) Swap Future | ARG | ARG | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Platts East Siberian Pacific Ocean (ESPO) Future | ESO | ESO | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Platts East Siberian Pacific Ocean (ESPO) Diff Future | ESP | ESP | 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 |
| Daily Urals North (Platts) vs Dated Brent (Platts) Future | DUM | DUM | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Urals Med vs Dated Brent CFD Future | UCF | UCF | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Urals Med vs Dated Brent CFD Balmo Future | UCS | MED-MFH | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Urals North vs Dated Brent CFD Future | CFU | CFU | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.09 |
| Urals North vs Dated Brent CFD Balmo Future | CFV | MAM-MBQ | 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 Future | CIF | CIF | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| 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 Balmo Future | CIG | CJA-CKE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% CIF Med Cargoes vs 1% FOB NWE Cargoes Future | CIB | CIB | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% CIF NWE Cargoes Future | CID | CID | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% CIF NWE Cargoes vs 1% FOB NWE Cargoes Future | CIH | CIH | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% FOB Med Cargoes Future | OPM | OPM | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% CIF NWE Cargoes Mini Future | FFI | FFI | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Fuel Oil 1% FOB Med Cargoes (Platts) Balmo Mini Future | GCU | 1S3-1SX | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Fuel Oil 1% FOB Med Cargoes Balmo Future | OPN | DJA-DKE | 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 Future | CAR | CAR | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% FOB Med Cargoes Mini Future | FFF | FFF | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Fuel Oil 1% FOB NWE Cargoes Balmo Future | CAS | AAA-ABE | 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 |
| Fuel Oil 1% FOB NWE Cargoes vs 3.5% FOB Rotterdam Barges Balmo Future | FOT | FCA-FDE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| 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 Balmo Future | FOC | AWA-AXE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% FOB Rotterdam Barges vs 1% CIF NWE Cargoes Future | FBE | FBE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 1% FOB Rotterdam Barges vs 1% FOB Med Cargoes Future | FOP | FOP | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| 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 vs 1% FOB NWE Cargoes Balmo Future | FBD | DLA-DME | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil Straight Run 0.5-0.7% FOB NWE Cargoes Future | FSR | FSR | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 3.5% 500 CST FOB Rotterdam Barges (Platts) vs 3.5% FOB Rotterdam Barges Future | FFK | FFK | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| 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 | BHA-BIE | 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% 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 Future | BAR | BAR | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 3.5% FOB Rotterdam Barges Balmo Future | BAS | BXA-BYE | 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 |

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 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 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 vs Brent 1st Line Future (bbl) | BOA | BOA | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Mini Future (bbl) | FOY | FOY | 100 bbl | \$0.375 | \$0.134 | \$0.134 | \$0.009 |
| Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Balmo Future (bbl) | FOO | F1L-F2F | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| Fuel Oil 3.5% FOB Med Cargoes Future | FOM | FOM | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 3.5% FOB Med Cargoes Mini Balmo Future | 14V | 175-17Z | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Fuel Oil 3.5% FOB Med Cargoes Balmo Future | FON | AUA-AVE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Future | NVS | NVS | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 3.5% FOB Med Cargoes vs 3.5% FOB Rotterdam Barges Balmo Future | NVT | DTA-DUE | 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 | 1VJ-1WD | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Fuel Oil 3.5% FOB Med Cargoes (Platts) vs Brent 1st Line Future (bbl) | 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 | BLA-BME | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 180 CST Singapore (Platts) Balmo Mini Future | SMK | 1WE-1X8 | 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 vs 3.5% FOB Rotterdam Barges Balmo Future | SFT | AGA-AHE | 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 180 CST Singapore vs 380 CST Singapore Balmo Future | STT | AKA-ALE | 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 380 CST Singapore (Platts) Balmo Future | SYT | BJA-BKE | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$1.00 |
| Fuel Oil 380 CST Singapore (Platts) Balmo Mini Future | SML | 1X9-1Y3 | 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 380 CST Singapore vs 3.5% FOB Rotterdam Barges Balmo Future | SKS | AHF-AJ | 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 Arab Gulf (Platts) Future | ME2 | ME2 | 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 |
| 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 Rotterdam Barges Balmo Future | GOG | EJA-EKE | 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% 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 Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Future | ULY | VHP-VIT | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Gasoil 0.1% FOB Med Cargoes Future | GOM | GOM | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| 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) Mini Balmo 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 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 | VFF-VGJ | 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 Balmo Future | GCX | GFA-GGE | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Gasoil 0.1% CIF NWE Cargoes vs Brent 1st Line Future | GEB | GEB | 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 vs Low Sulphur Gasoil 1st Line Balmo Future | ULX | VGK-VHO | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| 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 | VXC-VYG | 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 | 120-12U | 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 Future | GSS | S1A-S24 | 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 |
| 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 | ZOJ-ZPN | 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 | ZKU-ZLY | 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 |
| Singapore Mogas 92 Unleaded (Platts) vs Singapore Naphtha (Platts) Future | BAN | BAN | 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 | ZPO-ZQS | 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 | ZLZ-ZND | 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 | S90-S9U | 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 | SMP | ZNE-ZOI | 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 |
| 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 |

Crude Oil & Refined Products - Cleared (Continued)

| Futures Description | ICE | ICE | Lot | Screen | ICE Clear EU | ICE Clear EU | Cash Settle (per lot) |
|---|--------------|---------------|-----------|-----------------------|---------------|---------------|-----------------------|
| | Logical Code | Physical Code | Size | Futures Fee (per lot) | Fee (per lot) | Fee (per lot) | |
| Singapore Mogas 97 Unleaded vs Singapore Mogas 95 Unleaded Future | SMB | SMB | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| 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 | FLA-FME | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Gasoil 50ppm FOB Rotterdam Barges Bullet Future | GSE | GSE | 100 mt | \$2.725 | \$1.10 | \$1.10 | \$0.10 |
| Gasoil 50ppm FOB Rotterdam Barges vs Brent 1st Line Future | GSC | GSC | 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 50ppm FOB Rotterdam Barges vs Gasoil 0.1% FOB Rotterdam Barges Future | GSF | GSF | 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 |
| Low Sulphur Gasoil 1st Line Balmo Future | ULV | VEA-VFE | 100 mt | \$2.725 | \$1.10 | \$1.10 | \$0.10 |
| 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 (mt) | UL8 | 18V-19P | 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 (bbl) | LVA | 131-13V | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| Middle East Gasoil FOB Arab Gulf (Platts) Future | GCQ | GCQ | 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 |
| 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 | VLE-VMI | 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 | VIU-VJY | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Diesel 10ppm ARA Barges (Platts) Mini Future | DOQ | DOQ | 100 mt | \$2.725 | \$1.10 | \$1.10 | \$0.10 |
| Diesel 10ppm FOB Rotterdam Barges Future | DOR | DOR | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Diesel 10ppm FOB Rotterdam Barges Balmo Future | DOS | CDA-CEE | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Diesel 10ppm FOB Rotterdam Barges Bullet Future | FBG | FBG | 100 mt | \$2.725 | \$1.10 | \$1.10 | \$0.10 |
| 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 FOB Rotterdam Barges vs Low Sulphur Gasoil 1st Line Balmo Future | UMA | VJZ-VLD | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| Diesel 10ppm FOB Rotterdam Barges vs Gasoil 50ppm FOB Rotterdam Barges Future | DFI | DFI | 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 Balmo Future | UCL | UCL | 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 NWE Cargoes vs Brent 1st Line Future (bbl) | UHM | UHM | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| 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 | VMJ-VNN | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| ULSD 10ppm CIF NWE Cargoes Future | ULN | ULN | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| 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 Balmo Future | ULO | FYA-FZE | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| 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 (bbl) | 14Z | 1QD-1R7 | 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 vs Low Sulphur Gasoil 1st Line Balmo Future | UMD | VNO-VOS | 1,000 mt | \$27.25 | \$11.00 | \$11.00 | \$1.00 |
| 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 | A90-A9U | 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 | AYA-AZE | 1,000 mt | \$31.65 | \$11.00 | \$11.00 | \$1.00 |
| Argus Eurobob Oxy FOB Rotterdam Barges vs Brent 1st Line Future (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 (bbl) | AIR | 1M2-1MW | 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 |
| 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 | AES | CWA-CXE | 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 | S25-S2Z | 100 mt | \$3.815 | \$1.10 | \$1.10 | \$0.10 |
| Soybean Oil Penultimate Day 1st Line vs Low Sulphur Gasoil 1st Line Future | TMG | TMG | 100 mt | \$3.815 | \$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 |
| Argus Rapeseed Oil FOB Dutch Mill Future | ARU | ARU | 100 mt | \$2.725 | \$1.10 | \$1.10 | \$0.10 |
| Argus Bitumen ABX1 Future | AB1 | AB1 | 100 mt | \$2.175 | \$1.10 | \$1.10 | \$0.10 |
| Argus Bitumen ABX2 Future | AB2 | AB2 | 100 mt | \$2.175 | \$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 |
| Singapore Jet Kerosene (Platts) Balmo Future | SBJ | BQA-BRE | 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 | GPV-GQZ | 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 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 | ELA-EME | 1,000 mt | \$29.40 | \$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) | |
| Jet CIF NWE Cargoes vs Brent 1st Line Mini Future | JBM | JBM | 100 bbl | \$0.375 | \$0.134 | \$0.134 | \$0.009 |
| 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 | VOT-VPX | 1,000 mt | \$29.40 | \$11.00 | \$11.00 | \$1.00 |
| Jet CIF MED Cargoes (Platts) Future | JCP | JCP | 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 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 |
| Eurobob Gasoline FOB Rotterdam Barge (Platts) Future | GDG | GDG | 1,000 mt | \$31.65 | \$11.00 | \$11.00 | \$1.00 |
| 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 | VVX-VXB | 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 | GDE | GDE | 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 | 1G1-1GV | 1,000 mt | \$31.65 | \$11.00 | \$11.00 | \$1.00 |
| RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barge Future (bbl) | RBA | RBA | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barge Future (350 gal/mt) | RAM | RAM | 100 mt | \$3.165 | \$1.10 | \$1.10 | \$0.10 |
| RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barge Future (350 gal/mt) | ROE | ROE | 1,000 mt | \$31.65 | \$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 | GKZ-GMD | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| Naphtha CIF NWE Cargoes (Platts) Future (bbl) | NBA | NBA | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| 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 | 1KC-1L6 | 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 CIF NWE Cargoes Balmo Future | NEE | EEA-EBE | 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 vs Brent 1st Line Balmo Future | NCB | FJA-FKE | 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 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 | NPV-NQZ | 100 mt | \$3.45 | \$1.10 | \$1.10 | \$0.10 |
| Naphtha C+F Japan Balmo Future | NJD | FEA-FFE | 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 mt | \$3.75 | \$1.34 | \$1.34 | \$0.09 |
| Naphtha C+F Japan (Platts) vs Brent 1st Line Balmo Futures (bbl) | NBH | NBH | 1,000 mt | \$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 vs Naphtha CIF NWE Cargoes Balmo Future | JOD | 115-11Z | 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 | 1UO-1V1 | 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 |

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 Option | BSQ | CMA-CNE | 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 Daily 1-Month Calendar Spread Option | DBO | DBO | 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 |
| Brent 6-Month Calendar Spread Option | BRX | BRX | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.30 |
| Brent 12-Month Calendar Spread Option | BRZ | BRZ | 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 |
| CAD WTI Crude Future Option | WTF | WTF | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.30 |
| CAD WTI Average Price Option | WTF | WTH | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.30 |
| Dubai 1st Line Average Price Option | DBI | DBI | 1,000 bbl | \$1.25 | \$1.34 | \$1.34 | \$0.30 |
| Fuel Oil 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 |
| Low Sulphur Gasoil Average Price Option | ULA | ULA | 100 mt | \$3.125 | \$0.69 | \$0.69 | \$0.30 |
| Low Sulphur Gasoil Balmo Average Price Option | ULV | VEA-VFE | 100 mt | \$3.125 | \$0.69 | \$0.69 | \$0.30 |
| EU-Style Low Sulphur Gasoil Option | ULS | UUL | 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 - Singapore Gasoil 0.05% (Platts) Average Price Option | SWS | SWS | 1,000 bbl | \$3.75 | \$1.34 | \$1.34 | \$0.30 |
| Gasoil Crack - Singapore Gasoil 0.05% (Platts) vs Dubai 1st Line (Platts) Average Price Option | SFG | SFG | 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 |
| 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 |
| 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 309 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 |
| 180 CST Singapore Fuel Oil Average Price Option | SZS | SZS | 1,000 mt | \$21.75 | \$11.00 | \$11.00 | \$0.30 |
| 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 |
| Naphtha CIF NWE Cargoes (Platts) Average Price Option | NEC | NEC | 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 |

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. Minimum commission of \$300 per month per user.

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 |
| TC2_37 FFA Triangulation with TC14 FFA - CPP/UNL Continent to USAC (Baltic) Future | TCY | TCY | 1 day | \$15.00 | \$3.50 | \$3.50 | \$0.90 |
| TC2 FFA - Northwest Europe to USAC (Baltic) Balmo Future | WNT | 1A0-1AU | 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 | 1BQ-1CK | 1,000 mt | \$15.00 | \$3.50 | \$3.50 | \$0.90 |
| TC6 FFA - Skikda to Lavera (Cross Med) 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 | 1DG-1EA | 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 | 15A-164 | 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 |
| 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 | 1AV-1BP | 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 |
| TD3 FFA - Arabian Gulf to Japan (Baltic) Future | WGJ | WGJ | 1,000 mt | \$15.00 | \$3.50 | \$3.50 | \$0.90 |
| TD3 FFA - Arabian Gulf to Japan (Baltic) Balmo Future | WGL | 1L7-1M1 | 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 | TDY | TDY | 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 | 165-16Z | 1,000 mt | \$15.00 | \$3.50 | \$3.50 | \$0.90 |
| LPG (BLGP) 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, EEO | Exercise (per lot) |
|--|--------------|---------------|----------|-----------------------|---------------------|-------------------------|--------------------|
| | Logical Code | Physical Code | Size | Futures Fee (per lot) | Fee (per lot) | Fee (per lot) | |
| TC2 FFA - Northwest Europe to USAC (Baltic) Option | WNU | WNU | 1,000 mt | \$15.00 | \$3.50 | \$3.50 | \$0.30 |
| TC5 FFA - ArabianGulf to Japan (Platts) Option | WMJ | WMJ | 1,000 mt | \$15.00 | \$3.50 | \$3.50 | \$0.30 |
| 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 |
| TD3 FFA - Arabian Gulf to Japan (Baltic) Option | WGJ | WGJ | 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 | WAU | WAU | 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 | Cash Settle (per lot) |
|---|--------------|---------------|-------|-----------------------|---------------------|-------------------------|-----------------------|
| | Logical Code | Physical Code | Size | Futures Fee (per lot) | Fee (per lot) | Fee (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 |

Minimum commission of \$300 per month per user.

Ferrous Metals - 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) | |
| 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 |

Minimum commission of \$300 per month per user.

US Financial Liquefied Natural Gas - 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) | |
| JKM LNG Future | JKM | JKM | 10,000 mmBtu | \$10.00 | \$10.00 | \$10.00 | \$1.00 |

Membership Fees

MEMBERSHIP FEES

| Membership Category | ANNUAL SUBSCRIPTION | |
|------------------------|---------------------|-------------------|
| | MEMBER | EMISSIONS TRADING |
| General Participant | \$11,500 | €2,500 |
| Trade Participant | \$4,500 | €2,500 |
| Individual Participant | \$600 | N/A |

| Membership Category | ONE OFF APPLICATION FEE | |
|------------------------|-------------------------|-------------------|
| | MEMBER | EMISSIONS TRADING |
| General Participant | \$4,500 | €2,500 |
| Trade Participant | \$4,500 | €2,500 |
| Individual Participant | \$800 | N/A |

Prices are all exclusive of any applicable VAT

1 JANUARY 2018

DATA FEES

Note for ICE Administrators: please ensure that the following fee structure is communicated to all end users at your company when they are provided a login to the ICE Trading platform.

All fees provided in this schedule are quoted in USD currency.

ICE FUTURES (NON S2F)

| ICE ENDEX \$110 PER ID/PER MONTH | ICE FUTURES EUROPE (COMMODITIES) \$110 PER ID/PER MONTH | ICE FUTURES EUROPE (FINANCIALS) \$110 PER ID/PER MONTH |
|--|--|--|
| Dutch TTF Gas Futures / Spot German NCG Gas Futures German Gaspool Gas Futures Italian PSV Gas Futures Belgian ZTP Gas Futures / Spot UK OCM Gas Spot / Indices European Financial Power Futures Dutch Physical Power Futures Belgian Physical Power Futures | Brent Futures Coal Emissions (EUA, CER, EUAA) Low Sulphur Gas Oil Heating Oil Futures Middle East Sour Crude London Softs UK Natural Gas RBOB Futures UK Electricity WTI Futures | Short Term Interest Rate (STIR) Futures Bond Derivatives Swapnote® GCF Repo ERIS Interest Rate Futures Single Stock Futures Index Futures Dividend Adjust Stock Futures |
| ICE FUTURES CANADA \$35 PER ID/PER MONTH | ICE FUTURES SINGAPORE \$0 PER ID/PER MONTH | ICE FUTURES U.S. \$110 PER ID/PER MONTH |
| Canadian Grains Canadian Oilseeds | Mini Brent One-Kilo Gold Chinese Renminbi Mini Low Sulphur Gas Oil | Currency Pairs Financial US LNG* Metals MSCI Indices Russell Indices U.S. Agriculture U.S. Dollar Index U.S. Soft Commodities |

ICE Futures user accesses, including Users, SuperUsers, Risk Managers and View Onlys, will be charged a monthly market data exchange fee per exchange group access, per month. For clarity, access to both ICE Futures Europe — Commodities and ICE Futures Europe — Financials will be charged a total of **\$220** per ID. A user with access to all exchange groups above will be charged a total of **\$475** per ID, per month.

Access to multiple companies, under a single ICE ID, will incur charges at each company the ID accesses. All charges will also attract any applicable taxes. Reports Only and Accounting users, which do not have access to real-time markets, and IDs with masked market data, are provided at no cost.

*Denotes market data fee for this specific market is waived

S2F

| ICE FUTURES U.S. S2F NORTH AMERICAN NATURAL GAS \$625 MONTHLY MINIMUM COMMISSION | ICE FUTURES U.S. S2F NORTH AMERICAN POWER \$625 MONTHLY MINIMUM COMMISSION | ICE FUTURES U.S. S2F PHYSICAL ENVIRONMENTAL \$50 MONTHLY MINIMUM COMMISSION |
|--|--|--|
| Financial Gas Canadian Financial Gas Henry Hub Physical Gas | Financial Power Power | Physical Environment |
| ICE FUTURES EUROPE S2F GLOBAL REFINED PRODUCTS FREIGHT, LNG AND IRON ORE \$325 MONTHLY MINIMUM COMMISSION | ICE FUTURES EUROPE S2F NGL \$350 MONTHLY MINIMUM COMMISSION | ICE FUTURES EUROPE S2F PETROCHEMICAL \$0 MONTHLY MINIMUM COMMISSION |
| Oil Financial LNG Wet Freight Dry Freight Ferrous Metals | Financial NGL Physical NGL | Aromatics/Oxygenates Financial Aromatics Financial Monomers Financial Olefins Olefins/Polymers |

Effective April 1, 2017 — Excel Export: An additional \$25 a month is applied to each S2F market group minimum commission fee where the user has enabled S2F Excel permissions.

- ICE S2F user accesses, including Users, SuperUsers, Risk Managers and View Onlys, will be charged a monthly minimum commission fee, per exchange group access, per month. An individual User or SuperUsers ICE S2F traded commissions will be netted against his or her individual monthly minimum commission for that S2F exchange group.
- ICE S2F user accesses, including Users, SuperUsers, Risk Managers and View Only's, with access to both ICE Futures US S2F North American Natural Gas and North American Power, a **\$1,250** monthly minimum commission for access.
- ICE S2F user accesses, including Users, Superusers, Risk Managers and View Only's, will be charged a monthly minimum commission of \$325 for access to ICE Oil, Financial LNG, Wet Freight, Dry Freight and Ferrous Metals. **Both screen-traded and block commissions will count towards the minimum commissions for this group of markets only.**

Access to multiple companies, under a single ICE ID, will incur charges at each company the ID accesses. All charges will also attract any applicable taxes. Reports Only and Accounting users, which do not have access to real-time markets, and IDs with masked market data, are provided at no cost. Please be reminded that ICE S2F User accesses are only available on a "1 user to 1 ID basis", multiple users are not permitted under a single FIX ID.

NGX

| NGX GAS, POWER AND CRUDE OIL \$550 PER ID/PER MONTH |
|---|
|---|

NGX Financial Power
NGX Physical Crude
NGX Physical Gas

NGX user accesses, including Users, SuperUsers, RiskManagers and View Only's will be charged a monthly market data exchange fee of **\$550** per ID per month.

NGX contracting parties will not be assessed this monthly fee.

Access to multiple companies, under a single ICE ID, will incur charges at each company the ID accesses unless the company is an NGX contracting party. All charges will also attract any applicable taxes. Reports Only and Accounting users, which do not have access to real-time markets, and IDs with masked market data, are provided at no cost.

DIRECT ACCESS, QUOTE VENDOR AND ISV USERS

Companies with access to the iMPact data feed, regardless of access type (DAU, ISV user or QV), will be charged monthly fees as follows:

| | |
|---|--|
| Direct Connect Fee | \$2,000 (monthly per unique company ID) |
| All Exchanges: FIX OS License Fee | \$500 per order server (monthly per unique company ID) |
| All Exchanges: Price Server Access | \$75 per price server (monthly per unique ID) |
| All Exchanges: POF Access | Client: \$500 per POF ID (fee waived for first ID) Parent: \$750 per Account Clearer: \$1,000 per Account |

ICE Data Services will require that all firms with access to pricing data over iMPact price servers submit a monthly declaration quantifying all end users. Failure to report monthly access declarations will result in a delinquent reporting fee of \$5,000 after the third delinquent month and may result in ICE restricting future access to market data.

INVOICING

Invoices are issued for all of the above services on 30 day payment terms.

ICE Administrators and/or Accounting users are responsible for downloading monthly invoices from the invoice portal, accessible via the theice.com.

If you need a login with this access, please contact [ICE User Administration](#).

FURTHER INFORMATION

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theice.com/data

ICE FUTURES EUROPE

LIQUIDITY PROVIDER PROGRAMMES

ICE Futures Europe operates a number of incentive-based programmes to support and encourage liquidity across its various markets. The programmes are published by Exchange Circular upon initiation and renewal.

Please visit <https://www.theice.com/subscriptions> in order to subscribe to Exchange Circulars.

Links to the most recent programme Circulars can be found below:

<https://www.theice.com/publicdocs/circulars/17131.pdf>
<https://www.theice.com/publicdocs/circulars/17135.pdf>
<https://www.theice.com/publicdocs/circulars/17153.pdf>
<https://www.theice.com/publicdocs/circulars/17156.pdf>
<https://www.theice.com/publicdocs/circulars/17185.pdf>
<https://www.theice.com/publicdocs/circulars/17186.pdf>
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<https://www.theice.com/publicdocs/circulars/18060.pdf>
<https://www.theice.com/publicdocs/circulars/18063.pdf>