

## 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	
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	Cash Settle (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
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	DBQ	DBQ	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
Dated Brent 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
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
Crude Outright - Daily BFOET (Platts) M1 Future	BF1	BF1	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Outright - Daily BFOET (Platts) M2 Future	BF2	BF2	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Outright - Daily BFOET (Platts) M3 Future	BF3	BF3	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
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
Crude Diff - Daily Argus East Siberian Pacific Ocean (ESPO) Diff Future	AED	AED	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
Crude Diff - 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 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	UCG	UCG	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	CFV	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - Daily WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Future	CGG	CGG	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - Daily WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Future	CGH	CGH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Future	WTD	WTD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - WTI Midland (DAP Rotterdam) (Platts) vs Dated Brent (Platts) Balmo Future	CGC	CGC	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Future	CGD	CGD	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Crude Diff - WTI Midland (DAP Augusta) (Platts) vs Dated Brent (Platts) Balmo Future	CGE	CGE	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WAF Index (Platts) vs Dated Brent (Platts) Future	WAF	WAF	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	0	\$1.10	\$1.10	\$0.10
				\$2.175			
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 (Platts) Balmo Future	CIG	CIG	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 Outright - Fuel Oil 1% CIF NWE Cargoes Balmo Future	FOF	FOF	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% CIF NWE Cargoes Mini Future	FFI	FFI	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil 1% FOB Med Cargoes 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 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 Outright - Fuel Oil 1% FOB NWE Cargoes (Platts) Mini Balmo Future	FOK	FOK	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 (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
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 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 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 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 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 (Platts) vs 1% FOB NWE Cargoes (Platts) Balmo Future	FBD	FBD	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

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

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)
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 Diff- 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% 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 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 3.5% FOB Rotterdam Barges (Platts) Balmo Future	BAS	BAS	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 Mini 3.5% FOB Rotterdam Barges Future (100 mt)	BAM	BAM	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Outright - Marine Fuel 0.5% FOB Med Cargoes (Platts) Mini Future	FNS	FNU	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 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 (Platts) vs Brent 1st Line Balmo Future (in Bbl)	FOO	FOO	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 (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 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 (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 3.5% FOB Med Cargoes (Platts) vs 3.5% FOB Rotterdam Barges (Platts) Balmo Mini Future	NVU	NVU	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
Fuel Oil Crack - Fuel Oil 3.5% FOB Rotterdam Barges vs Brent 1st Line Mini Future (in MTs)	FQY	FQY	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	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 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)	SYI	SYI	100 mt	\$2.175	\$1.10	\$1.10	\$0.10
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 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
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% 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 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 CST 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 0	\$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

### 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)	
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 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 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 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 (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future	ULX	ULX	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	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	GSX	GSX	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 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 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
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	ULV	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 (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
Middle East Gasoil FOB Arab Gulf (Platts) Future	GCO	GCO	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
Jet Fuel Outright - Middle East Jet Kero FOB Arab Gulf (Platts) Future	GCV	GCV	1,000 bbl	\$3.75 0	\$1.34	\$1.34	\$0.09

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
Middle East Mogas 92 FOB Arab Gulf (Platts) Future	SMQ	SMQ	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
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	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 Outright - 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 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 (UK) CIF NWE Cargoes Future	DCN	DCN	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Diesel Outright - ULSD 10ppm CIF NWE Cargoes (Platts) Balmo Mini Future	ULO	DOK	100 mt	\$27.25	\$1.10	\$1.10	\$0.10
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

## 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)	
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
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 (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 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 FOB Rotterdam Barges vs Gasoil 50ppm FOB Rotterdam Barges Future	DFI	DFI	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
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
Diesel Outright - ULSD 10ppm FOB Med Cargoes (Platts) Mini Future	FFL	FFL	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
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	UMC	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 (Platts) Balmo Future	ULO	ULO	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 (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
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 mt	\$31.65	\$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
Gasoline Outright - MTBE FOB Singapore (Platts) Mini Future	CGK	CGK	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
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
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	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 Outright - Singapore Jet Kero Cargoes (Platts) Balmo Mini Future	SBJ	CGL	100 mt	\$2.725	\$1.10	\$1.10	\$0.10
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 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	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 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
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
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
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
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

## 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)	
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	GDH	1,000 mt	\$31.65 0	\$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 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	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 1s Line Futures (bbl)	NBG	NBG	1,000 mt	\$3.75	\$1.34	\$1.34	\$0.09
Naphtha C+F Japan (Platts) vs Brent 1s 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 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

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)
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

### Crude Oil & Refined 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)
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 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
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 Singapore (Platts) Average Price Option	MF4	MF4	1,000 mt	\$21.75	\$11.00	\$11.00	\$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 Diff - Low Sulphur Gasoil 12-Month Calendar Spread Option*	UUZ	UUZ	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 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. Minimum commission of \$275 per month per user.

### Wet Freight - Cleared

### Wet Freight - Cleared, Continued

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)
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
Daily - Dirty FFA - USGC to UK Continent (Platts) Mini Future	DFC	DFC	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
Dirty USGC-China (Platts) Future	WDD	WDD	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
Dirty FFA - USGC to China (Platts) Balmo Future	DUS	DUS	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TC2_37 FFA Triangulation with TC14 FFA - CPP/UUNL Continent to USAC (Baltic) Future	TCD	TCD	1 day	\$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 (Platts) 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
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
TC18 FFA - US Gulf to Brazil (Baltic) Future	WFB	WFB	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	WAW	WAW	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
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

## 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)	
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
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	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 \$275 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 \$275 per month per user.

## Liquefied Natural Gas (LNG) - 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)	
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
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### 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