

Exchange and Clearing Fees

(Per side per lot)

Crude Oil & Refined Products - Cleared

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Brent 1st Line Mini Future	IMM	IMM	100 bbl	\$0.125	\$0.134	\$0.134	\$0.009
Brent 1st Line Future	BRN	I	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Brent 1st Line Balmo Future	BSQ	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	0Q0-0QU	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
WTI 1st Line Mini Future	RMM	RMM	100 bbl	\$0.125	\$0.134	\$0.134	\$0.009
WTI 1st Line Future	WBS	R	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
WTI 1st Line Balmo Future	WBT	02L-03F	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI Bullet Future	WBS	WTB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI 1st Line vs Brent 1st Line Future	BDT	BDT	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI 1st Line vs Brent 1st Line Balmo Future	BTE	B20-B2U	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
WTI vs Brent Bullet Future	TIB	TIB	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 (5 x 200 bbl)	\$1.25 \$0.250	\$1.34 \$0.268	\$1.34 \$0.268	\$0.018 (200 bbl)
Brent CFD vs Third Month Future	CFT	CFT	1,000 bbl (5 x 200 bbl)	\$1.25 \$0.250	\$1.34 \$0.268	\$1.34 \$0.268	\$0.018 (200 bbl)
Monthly 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 ANS vs Brent 1st Line Future	ABL	ABL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Cushing Trade Month Future	ACT	ACT	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
Argus LLS Future	ARH	ARH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs Brent 1st Line Future	ARI	ARI	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs Dated Brent Future	ARJ	ARJ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs WTI Trade Month Future	ARL	ARL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs WTI Trade Month Balmo Future	ARQ	ARQ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs WTI 1st Line Future	ARK	ARK	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus LLS vs WTI 1st Line Balmo Future	ARP	180-18U	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars Future	ARM	ARM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars vs Brent 1st Line Future	ARN	ARN	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars vs WTI 1st Line Future	ARO	ARO	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars vs WTI 1st Line Balmo Future	ART	ART	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars vs WTI Trade Month Future	ARW	ARW	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Mars vs WTI Trade Month Balmo Future	ARS	ARS	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Sour Crude Index (ASCI) Diff Calendar Future	TAB	TAB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus Sour Crude Index (ASCI) Diff Trade-Month Future	TOB	TOB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI CMA Trade Month Future	AIM	AIM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Houston vs WTI 1st Line Future	AIL	AIL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Houston vs WTI 1st Line Balmo Future	AIK	AIK	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Houston vs WTI 1st Trade Month Future	ACM	ACM	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Houston vs WTI 1st Trade Month Balmo Future	ACL	ACL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Houston vs Argus WTI Midland Trade Month Future	MSN	MSN	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Midland vs Argus WTS Trade Month Future	MST	MST	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Midland vs WTI 1st Line Future	MLT	MLT	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Midland vs WTI 1st Line Balmo Future	MLU	MLU	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Midland vs WTI Trade Month Future	MSV	MSV	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTI Midland vs WTI Trade Month Balmo Future	MLS	MLS	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTS vs WTI 1st Line Future	AFH	AFH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTS vs WTI 1st Line Balmo Future	AFI	AFI	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTS vs WTI Trade Month Future	AVT	AVT	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WTS vs WTI Trade Month Balmo Future	AVS	AVS	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
Argus Bakken (Clearbrook) Crude Oil Future	BAK	BAK	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
Argus WCS (Cushing) Crude Oil Future	CSH	CSH	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
TMX C5 1a Index Future	TMF	TMF	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX C5 1b Index Future	TMC	TMC	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09

Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
TMX LSB 1a Index Future	TML	TML	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX SYN 1a Index Future	TMS	TMS	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX SYN 1b Index Future	SYN	SYN	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX SW 1a Index Future	TMR	TMR	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX SW 1a Index Balmo Future	TMZ	1TT-1UN	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX UHC 1a Index Future	TMU	TMU	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX UHC 1b Index Future	UHB	UHB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX WCS 1a Index Future	TMW	TMW	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX WCS 1a Index Balmo Future	TMY	1SY-1TS	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX WCS 1b Index Future	TDX	TDX	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.09
TMX WCS 1b Index Balmo Future	TDY	VYH-VZL	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-MPFH	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	GUU	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 (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 NWE 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 Outright - New York 1% Fuel Oil Future	FOW	FOW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil Outright - New York 1% Fuel Oil Balmo Future	FOX	FRA-FSE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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
New York 1% Fuel Oil vs Brent 1st Line Future	NFB	NFB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs WTI 1st Line Future	FOK	FOK	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs WTI 1st Line Balmo Future	FOL	GIP-GJT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Future	FOH	FOH	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs 1% FOB NWE Cargoes Fuel Oil Balmo Future	FOI	GGF-GHJ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs USGC HSFO (Platts) Future	FOD	FOD	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
New York 1% Fuel Oil vs USGC HSFO (Platts) Balmo Future	FOE	GHK-GIO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) Future	RBO	RBO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) Balmo Future	RBP	FPA-FQE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs Brent 1st Line Future	GCS	GCS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs Brent 1st Line Balmo Future	GCT	1JH-1KB	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs WTI 1st Line Future	GUF	GUF	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs 3.5% FOB Rotterdam Barges Fuel Oil (Platts) Future	GOE	GOE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs 3.5% FOB Rotterdam Barges Fuel Oil (Platts) Balmo Future	GOD	GJU-GKY	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
USGC HSFO (Platts) vs 3.5% FOB Rotterdam Barges Fuel Oil (Platts) Future (mt)	NVV	NVV	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 3.0% NY (Platts) Future	14X	14X	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Fuel Oil 3.0% NY (Platts) vs USGC HSFO (Platts) Future	14W	14W	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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
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

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 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)	SYU	SYU	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-AIJ	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
Fuel Oil 380 CST Singapore vs USGC HSFO Future	GOK	GOK	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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
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	GDX	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
Singapore Gasoil (Platts) Mini Future	SWM	SWM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Gasoil (Platts) Future	SWS	SWS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil (Platts) Balmo Future	SWT	VXC-VYG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil (Platts) vs Dubai 1st Line (Platts) Future	SFG	SFG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil (Platts) vs Low Sulphur Gasoil 1st Line Future (bbl)	SWW	SWW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil (Platts) vs Low Sulphur Gasoil 1st Line Balmo Future (bbl)	SWR	120-12U	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) Future	GST	GST	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) Mini Future	GSR	GSR	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
Singapore Gasoil 10 ppm (Platts) Balmo Future	GSS	S1A-S24	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) vs Dubai 1st Line (Platts) Future	BAO	BAO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) vs Low Sulphur Gasoil 1st Line (Platts) Future	BAP	BAP	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) vs Low Sulphur Gasoil 1st Line (Platts) Balmo Future	GSL	GSL	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Gasoil 10 ppm (Platts) vs Singapore Gasoil (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) 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	SMT	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) 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) 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	SMX	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
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 Bulle 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 Bulle 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

Crude Oil & Refined Products - Cleared (Continued)

Futures Description	ICE	ICE	Lot	Screen	ICE Clear EU Screen	ICE Clear EU Block, EFS	Cash Settle (per lot)
	Logical Code	Physical Code	Size	Futures Fee (per lot)	Fee (per lot)	Fee (per lot)	
Low Sulphur Gasoil 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	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
Heating Oil 1st Line Mini Future	HOM	HOM	4,200 gal	\$0.375	\$0.134	\$0.134	\$0.009
Heating Oil 1st Line Future	UHO	HOF	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Heating Oil 1st Line vs Brent 1st Line Future	HBT	HBT	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Heating Oil 1st Line vs Low Sulphur Gasoil 1st Line Future (bbl)	ULM	ULM	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Heating Oil 1st Line vs Low Sulphur Gasoil 1st Line Balmo Future (bbl)	UL9	11M-1JG	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Heating Oil 1st Line vs Low Sulphur Gasoil 1st Line Future (mt)	ULL	ULL	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Heating Oil 1st Line vs WTI 1st Line Future	HBW	HBW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Argus ULSD NYH Buckeye Pipeline vs Heating Oil 1st Line Future	AIO	AIO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Argus ULSD NYH Colonial Offline vs Heating Oil 1st Line Future	AIP	AIP	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
ULSD NYH Colonial Offline (Platts) vs Heating Oil 1st Line Future	UHL	UHL	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
62-grade NYH ULSD (Argus) vs Heating Oil 1st Line Future	NH2	NH2	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
67-grade NYH ULSD (Argus) vs Heating Oil 1st Line Future	NH7	NH7	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
67-grade USG ULSD (Platts) vs Heating Oil 1st Line Future	UL7	UL7	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Group3 ULSD (OPIS) vs Heating Oil 1st Line Future	DCS	DCS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Group3 ULSD (Platts) vs Heating Oil 1st Line Future	GUH	GUH	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	DOO	DOO	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
Diesel 10ppm FOB Rotterdam Barges (Platts) vs New York Harbour ULSD Future	DFF	DFF	1,000 mt	\$27.25	\$11.00	\$11.00	\$1.00
Gulf Coast Export ULSD Cargoes (Platts) Future	GUE	GUE	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD Future	GUU	GUU	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD vs Brent 1st Line Future	GUV	GUV	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD vs Low Sulphur Gasoil 1st Line Future	GUX	GUX	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Daily Gulf Coast ULSD (Platts) vs Heating Oil 1st Line Future	DFK	DFK	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD vs Heating Oil 1st Line Future	GOH	GOH	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD vs Heating Oil 1st Line Future Balmo	GCH	MXQ-MYU	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD vs WTI 1st Line Future	GUW	GUW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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 MED Cargoes (Platts) vs New York Harbour ULSD Future	TMN	TMN	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
ULSD 10ppm CIF NWE Cargoes (Platts) vs New York Harbour ULSD Future	TNN	TNN	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
Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil 10 ppm (Platts) Future	BAQ	BAQ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil 10 ppm (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

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)	
Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil (Platts) Future	SVW	SVW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Singapore Jet Kerosene Cargoes (Platts) vs Singapore Gasoil (Platts) Balmo Future	SVX	GPV-GOZ	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Jet Fuel (Platts) Mini Future	GCJ	GCJ	4200 gal	\$0.375	\$0.134	\$0.134	\$0.009
Gulf Coast Jet Fuel (Platts) Future	JCF	JCF	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Jet Fuel (Platts) Balmo Future	JCG	020-02U	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast ULSD (Platts) vs Gulf Cost Jet Fuel (Platts) Future	JCU	JCU	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Daily Gulf Coast Jet Fuel (Platts) vs Heating Oil 1st Line Future	DFL	DFL	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Jet Fuel vs Heating Oil 1st Line Future	JHO	JHO	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Jet Fuel (Platts) vs Heating Oil 1st Line Balmo Future	JHP	04B-055	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Jet Fuel vs Brent 1st Line Future	GUB	GUB	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
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
LA Jet Fuel (Platts) vs Heating Oil 1st Line Future	LA4	LA4	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
LA Jet Fuel (Platts) vs Heating Oil 1st Line Balmo Future	LA5	01Q-02K	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
NYH Jet (Argus) vs Heating Oil 1st Line Future	JCH	JCH	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
NYH Jet (Argus) vs Heating Oil 1st Line Balmo Future	JCI	03G-04A	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Eurobob Gasoline FOB Rotterdam Barge (Platts) Future	GDG	GDG	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
Group 3 Sub-Octane Gasoline (Platts) vs RBOB Gasoline 1st Line Future	GDL	GDL	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Group 3 Sub-Octane Gasoline (Platts) vs RBOB Gasoline 1st Line Balmo Future	GPR	1Y4-1YY	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Group 3 V-Grade Sub-Octane Gasoline (OPIS) vs RBOB Gasoline 1st Line Future	G3V	G3V	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast CBOB 87 Gasoline (Platts) vs RBOB Gasoline 1st Line Future	GDM	GDM	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast CBOB 87 Gasoline (Platts) vs RBOB Gasoline 1st Line Balmo Future	GDN	056-060	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Uni 87 Gasoline Prompt Month (Platts) vs RBOB Gasoline 1st Line Future	UM1	UM1	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Gulf Coast Uni 87 Gasoline Prompt Month (Platts) vs RBOB Gasoline 1st Line Balmo Future	UMM	000-00U	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
Natural Gasoline, OPIS Mt. Belvieu Non-TET vs Naphtha CIF NWE Cargoes (Platts) Future	GCY	GCY	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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 Mini Future	RBM	RBM	100 bbl	\$0.375	\$0.134	\$0.134	\$0.009
RBOB Gasoline 1st Line Future	UHU	RBS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
RBOB Gasoline 1st Line Balmo Future	RSE	0X0-0XU	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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	GDO	GDO	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)	RAM	RAM	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barges Mini Balmo Future	GDR	140-14U	100 mt	\$3.165	\$1.10	\$1.10	\$0.10
RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barge Future	GDO	GDO	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
RBOB Gasoline 1st Line vs Argus Eurobob Oxy FOB Rotterdam Barge Balmo Future	GDT	1F6-1G0	1,000 mt	\$31.65	\$11.00	\$11.00	\$1.00
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
RBOB Gasoline 1st Line vs Brent 1st Line Future	RBR	RBR	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
RBOB Gasoline 1st Line vs Brent 1st Line Balmo Future	RBQ	1EB-1F5	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
RBOB Gasoline 1st Line vs WTI 1st Line Future	RBW	RBW	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.09
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	EAA-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 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 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	1UC-1VI	1,000 mt	\$34.50	\$11.00	\$11.00	\$1.00
Chicago Ethanol Future	ETC	ETC	42,000 gal	\$1.25	\$1.34	\$1.34	\$0.09
New York Ethanol Future	ETN	ETN	42,000 gal	\$1.25	\$1.34	\$1.34	\$0.09
Ethanol T2 FOB Rotterdam Barges (Platts) Future	EFR	EFR	100 m3	\$2.15	\$1.00	\$1.00	\$0.09
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

Crude Oil & Refined 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)	
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
Argus LLS Average Price Option	ARH	ARH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus LLS vs WTI 1st Line Average Price Option	ARK	ARK	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus LLS vs WTI Trade Month Average Price Option	ARL	ARL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus Mars vs WTI Trade Month Average Price Option	ARW	ARW	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus Mars vs WTI 1st Line Average Price Option	ARO	ARO	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus WTI Midland vs WTI 1st Line Average Price Option	MLT	MLT	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus WTI Houston vs WTI 1st Line Average Price Option	AIL	AIL	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Argus WTS vs WTI 1st Line Average Price Option	AFH	AFH	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
Daily EU-Style WTI Option	TDE	TDE	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
WTI Average Price Option	WBS	R	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
WTI Balmo Average Price Option	WBT	O2L-03F	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
EU-Style WTI Option	WBS	WUL	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
New York Harbour ULSD 1-Month Calendar Spread Option	HOC	HOC	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.30
WTI Daily 1-Month Calendar Spread Option	DWO	DWO	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
WTI 1-Month Calendar Spread Option	TIA	TIA	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
WTI 12-Month Calendar Spread Option	TIZ	TIZ	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
WTI vs Brent Spread Option	TIB	TIB	1,000 bbl	\$1.25	\$1.34	\$1.34	\$0.30
TMX WCS 1a Index Average Price Option	TMW	TMW	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
Singapore Gasoil (Platts) Average Price Option	SWS	SWS	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Singapore Gasoil (Platts) vs Dubai 1st Line (Platts) Average Price Option	SFG	SFG	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Singapore Gasoil 10ppm (Platts) Average Price Option	GST	GST	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Singapore Gasoil 10ppm (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
Heating Oil Average Price Option	UHO	HOF	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.30
EU-Style Heating Oil vs Low Sulphur Gasoil Option	EHL	EHL	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.30
RBOB Gasoline 1-Month Calendar Spread Option	RCM	RCM	42,000 gal	\$3.75	\$1.34	\$1.34	\$0.30
RBOB Gasoline Average Price Option	UHU	RBS	42,000 gal	\$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
USGC HSFO (Platts) (Platts) Average Price Option	RBO	RBO	1,000 bbl	\$3.75	\$1.34	\$1.34	\$0.30
Jet CIF NWE Cargoes (Platts) Average Price Option	JCN	JCN	1,000 mt	\$29.40	\$11.00	\$11.00	\$0.30
Gulf Coast Jet Fuel (Platts) Average Price Option	JCF	JCF	42,000 gal	\$3.75	\$1.34	\$1.34	\$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)	
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	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) (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	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	WNV	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

Wet Freight - 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)	
TD5 FFA - West Africa to USAC (Baltic) Future	WAU	WAU	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD7 FFA - UK North Sea to Continent (Baltic) Future	WNC	WNC	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD8 FFA - Kuwait to Singapore (Baltic) Future	TDK	TDK	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
TD8 FFA - Kuwait to Singapore (Baltic) Balmo Future	TDR	TDR	1,000 mt	\$15.00	\$3.50	\$3.50	\$0.90
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 (BLGP) 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
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 Natural Gas Liquids - 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)	
NGL Basket OPIS Mt. Belvieu Non-TET Future	NGB	NGB	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, Argus CIF ARA, Mini Future	AFM	AFM	100 mt	\$8.00	\$2.80	\$2.80	\$0.80
Propane, Argus CIF ARA, Fixed Price Future	APC	APC	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus CIF ARA, Fixed Price Future (Balmo)	APD	LMU-LNY	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East, Mini Future	AFL	AFL	100 mt	\$8.00	\$2.80	\$2.80	\$0.80
Propane, Argus Far East, Fixed Price Future	AFE	AFE	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East, Fixed Price Future (Balmo)	AFP	LLP-LMT	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Saudi CP Mini Future	SCP	AFK	100 mt	\$8.00	\$2.80	\$2.80	\$0.80
Propane, Argus Saudi CP, Fixed Price Future	SCP	SCP	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Future	EGD	EGD	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East vs Propane, Argus CIF ARA, Differential Future (Balmo)	EGE	VRD-VSH	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East Index vs Naphtha C+F Japan (Platts) Differential Future	ARR	ARR	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Far East Index vs Naphtha C+F Japan (Platts) Differential Future (Balmo)	ABK	1GW-1HQ	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus CIF ARA vs Naphtha, Platts CIF NWE Cargo, Differential Future	APN	APN	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus CIF ARA vs Naphtha, Platts CIF NWE Cargo, Differential Future (Balmo)	ABG	1HR-1IL	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, Argus Sonatrach CP Future	AFS	AFS	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, OPIS CIF ARA ToT Cargoes Future	TOT	TOT	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, OPIS Mt. Belvieu Non-TET vs Propane, Argus Far East Index Future	CEZ	CEZ	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, OPIS Mt. Belvieu Non-TET vs Propane, Argus CIF ARA Future	CEJ	CEJ	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, OPIS Mt. Belvieu TET vs Propane, Argus Far East Index Future	CEY	CEY	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Propane, OPIS Mt. Belvieu TET vs Propane, Argus CIF ARA Future	CEK	CEK	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus Far East Mini Future	BUQ	BUQ	100 mt	\$8.00	\$2.80	\$2.80	\$0.80
Butane, Argus Far East Future	ABF	ABF	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus Far East Balmo Future	BUN	1ON-1PH	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus CIF ARA Future	ABR	ABR	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus CIF ARA Mini Future	ABM	ABM	100 mt	\$8.00	\$2.80	\$2.80	\$0.80
Butane, Argus CIF ARA Balmo Future	BUR	1PI-1QC	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus Saudi CP Mini Future	ABS	BUS	100 mt	\$8.00	\$2.80	\$2.80	\$0.80

US Financial Natural Gas Liquids - 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)	
Butane, Argus Saudi CP Future	ABS	ABS	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Butane, Argus Sonatrach CP Future	ABO	ABO	1,000 mt	\$80.00	\$28.00	\$28.00	\$8.00
Iso Butane, OPIS Conway In-Well, Fixed Price Future	ISC	ISC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Iso Butane, OPIS Conway In-Well, Fixed Price Future (Balmo)	ISD	LWH-LXL	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	ISO	ISO	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Iso Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	ISP	LVC-LWG	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Future	ISL	ISL	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Iso Butane, OPIS Mt. Belvieu TET, Fixed Price Future (Balmo)	ISQ	ZHF-ZUJ	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Future	ECB	ECB	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane in E/P Mix, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	ECA	LNZ-LPD	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Future	ECC	ECC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Future (Balmo)	ECD	LPE-LQI	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	ETE	ETE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	ETF	EEA-EFE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Ethane, OPIS Mt. Belvieu Other Non-TET Future	ETD	ETD	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Conway In-Well, Fixed Price Future	PRC	PRC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Conway In-Well, Fixed Price Future (Balmo)	PRD	LIA-LJE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu Other Non-TET Future	PBO	PBO	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	PRN	PRN	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	PRO	LAA-LBE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu Other Non-TET Future (Balmo)	PBP	1YZ-1ZT	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu TET, Fixed Price Future	PRL	PRL	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Mt. Belvieu TET, Mini Fixed Price Future	PLM	PLM	4,200 gal	\$0.175	\$0.325	\$0.325	\$0.075
Propane, OPIS Mt. Belvieu TET, Fixed Price Future (Balmo)	PRM	LCA-LDE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Propane, OPIS Hattiesburg, Fixed Price Future	PRH	PRH	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Conway In-Well, Fixed Price Future	NGC	NGC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Conway In-Well, Fixed Price Future (Balmo)	NGG	LJF-LKJ	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Future	NGE	NGE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	NGF	LGA-LHE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu Non-TET vs WTI 1st Line Crude Differential Future	NGW	NGW	1,000 bbl	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu Other Non-TET, Fixed Price Future	NBC	NBC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Future	NGL	NGL	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Natural Gasoline, OPIS Mt. Belvieu TET, Fixed Price Future (Balmo)	NGK	LSS-LTW	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	NBI	NBI	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Future (Balmo)	NBJ	LEA-LFE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane OPIS Mt. Belvieu Other Non-TET Future	NBE	NBE	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Future	NBR	NBR	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Mt. Belvieu TET, Fixed Price Future (Balmo)	NBS	LRN-LSR	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Conway In-Well, Fixed Price Future	IBC	IBC	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75
Normal Butane, OPIS Conway In-Well, Fixed Price Future (Balmo)	IBD	LKK-LLO	42,000 gal	\$1.75	\$3.25	\$3.25	\$0.75

US Financial Natural Gas Liquids - Cleared

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.

US Financial Natural Gas Liquids 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)	
Average Price Option on Ethane in E/P Mix, OPIS Conway In-Well, Fixed Price Future	ECC	ECC	42,000 gal	\$1.75	\$3.25	\$3.25	
Average Price Option on Ethane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	ETE	ETE	42,000 gal	\$1.75	\$3.25	\$3.25	
Average Price Option on Propane, OPIS Mt. Belvieu TET, Fixed Price Future	PRL	PRL	42,000 gal	\$1.75	\$3.25	\$3.25	
Average Price Option on Propane, Argus CIF ARA, Fixed Price Future	APC	APC	1,000 mt	\$80.00	\$28.00	\$28.00	
Average Price Option on Propane, Far East Index (AFEI) Future	AFE	AFE	1,000 mt	\$80.00	\$28.00	\$28.00	
Average Price Option on Normal Butane, OPIS Mt. Belvieu Non-TET, Fixed Price Future	NBI	NBI	42,000 gal	\$1.75	\$3.25	\$3.25	
Average Price Option Natural Gasoline, OPIS Mt. Belvieu Non-TET, Fixed Price Future	NGE	NGE	42,000 gal	\$1.75	\$3.25	\$3.25	
Average Price Option on Propane, OPIS Conway In-Well, Fixed Price Future	PRC	PRC	42,000 gal	\$1.75	\$3.25	\$3.25	

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

US Financial Monomers - 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)	
Benzene PCW US Contract Price Future	BCU	BCU	1,000 bbl	\$32.00	\$10.00	\$10.00	\$2.80
Benzene PCW US Index Fixed Price Future	BUI	BUI	1,000 bbl	\$32.00	\$10.00	\$10.00	\$2.80

US Financial Olefins - 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)
Ethylene, PCW Mont Belvieu Future	ETH	ETH	100,000 lbs	\$17.00	\$6.00	\$6.00	\$1.50
Ethylene, PCW Mont Belvieu Balmo Future	ETG	M00-M0U	100,000 lbs	\$17.00	\$6.00	\$6.00	\$1.50
Polymer Grade Propylene (PGP), PCW Mont Belvieu Future	PPL	PPL	100,000 lbs	\$17.00	\$6.00	\$6.00	\$1.50
Polymer Grade Propylene (PGP), PCW Mont Belvieu Balmo Future	PPN	P10-P1U	100,000 lbs	\$17.00	\$6.00	\$6.00	\$1.50