# OPIS Global Marine Fuels

Key Marine Fuel Prices, News & Commentary for Asia, Europe and the Americas



## **ASIA**

- Mangalore Refinery and Petrochemicals awards 0.5% marine fuel tender
- CPC Corporations sells VLSFO
- Bharat Petroleum Corporation sells HSFO to an oil major

## **EUROPE**

- VLSFO demand strengthens in ARA
- Brent crude futures rise on EIA data
- Hi-5 spread widest in 9 days

## **AMERICAS**

- Bunker prices stronger on rising resupply costs
- Two LA-area refineries expecting planned flaring during next few days
- Bulk trading quiet for VLSFO and HSFO

#### SINGAPORE BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	522.75	523.25	523.000	0.000
0.5% VLSFO	490.75	491.25	491.000	-2.000
HS 380 CST	382.75	383.25	383.000	-4.000

#### ROTTERDAM BUNKERS (\$/mt delivered)

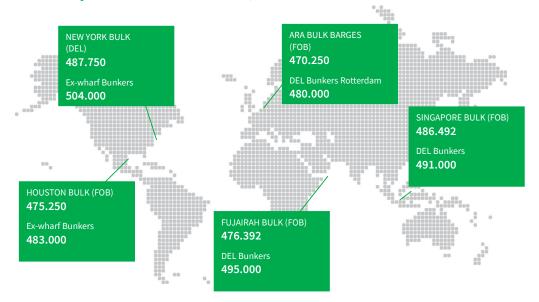
PRODUCT	LOW	HIGH	MEAN	CHANGE
DMA	518.00	522.00	520.000	5.000
0.5% VLSFO	478.00	482.00	480.000	5.000
HS 380 CST	371.00	375.00	373.000	6.000

#### HOUSTON BUNKERS (\$/mt ex-wharf)

PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		545.00	555.00	550.000	5.000
0.5% VLSFO	-123.59	481.00	485.00	483.000	5.000
HS 380 CST		371.00	375.00	373.000	1.000

<sup>\*</sup> Diff to Front Month NYMEX ULSD Futures Price as Displayed on Page 8

# 0.5% Very Low Sulfur Fuel Oil (\$/mt)



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## **ASIA**

## MRPL awards 0.5% marine fuel tender

Mangalore Refinery and Petrochemicals (MRPL) sold 40,000mt maximum 380 CST 0.5% sulfur marine fuel (MF) via a tender possibly to Trafigura at around \$3.50/mt discount to Singapore 0.5% MF assessment, said traders. The tender closed on Apr. 26 with loading from May 10-12.

While, CPC Corporation of Taiwan also sold 42,000mt 25 CST 0.5% very low sulfur fuel oil (VLSFO) via a tender possibly to Shell at around \$2.50/mt discount to Singapore 0.5% MF prices. The tender closed on Apr. 21 with loading from Kaohsiung over May 11-25.

Bharat Petroleum Corporation (BPCL) awarded its tender to export 30,000mt 180 CST 4% high sulfur fuel oil (HSFO) from Mumbai possibly to Shell. The tender closed on Apr. 26 loading from May 6-8. Bidders were also given another option to choose a 20,000mt cargo of the same grade for loading from Apr. 29-30.Indian refineries face weakened domestic demand for fuel oil given the increase in COVID-19 infections and refineries have started to cut their run rates to around 85-90%, said analysts.

Delivered HSFO and 0.5% MF prices in Singapore also weakened and assessed at \$383/mt and \$491/mt respectively on Wednesday.

#### **SINGAPORE BULK FUEL (FOB)**

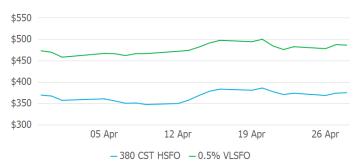
PRODUCT (\$/mt)	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
0.5% VLSFO	0.89	486.24	486.74	486.492	-1.317
380 CST HSFO	0.67	374.59	375.09	374.841	0.752
PRODUCT (\$/bbl)	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
PRODUCT (\$/bbl) 0.5% VLSFO	BASIS DIFF* 0.13	LOW 72.55	HIGH 72.63	MEAN 72.589	CHANGE -0.197

<sup>\*</sup> Cash mean differential to swaps for both grades

## FUJAIRAH BULK FUEL (FOB)

PRODUCT	LOW	HIGH	MEAN	CHANGE
0.5% VLSFO (\$/mt)	476.14	476.64	476.392	-1.317
0.5% VLSFO (\$/bbl)	71.04	71.12	71.082	-0.197

#### 30-DAY PRICES FOR SINGAPORE BULK VLSFO (\$/mt FOB)



#### SINGAPORE FUEL BTU INDICATOR

FUEL	API	BTUs/bbl	BTUs/mt	(\$/bbl)	(\$/mt)	BTUs/\$
LSMGO	35.5	5,838,000	43,493,100	70.201	523.000	83,161
0.5% VLSFO	19	6,116,255	40,991,141	73.262	491.000	83,485
HS 380 CST	11.3	6,246,000	39,662,100	60.315	383.000	103,556

<sup>\*</sup> General Indication of the number of BTUs per US dollar spent for various grades of fuel based on API.

#### SINGAPORE BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	522.75	523.25	523.000	0.000
0.5% VLSFO	490.75	491.25	491.000	-2.000
HS 380 CST	382.75	383.25	383.000	-4.000

#### FUJAIRAH BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	579.75	580.25	580.000	-15.000
0.5% VLSFO	494.75	495.25	495.000	4.000

#### CHIBA BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMDO	709.75	710.25	710.000	-20.000
0.5% VLSFO	509.75	510.25	510.000	-5.000

#### BUSAN BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	549.75	550.25	550.000	5.000
0.5% VLSFO	517.75	518.25	518.000	8.000

#### KAOHSIUNG BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	574.75	575.25	575.000	5.000
0.5% VLSFO	521.75	522.25	522.000	10.000

#### ZHOUSHAN BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	554.75	555.25	555.000	15.000
0.5% VLSFO	490.75	491.25	491.000	1.000

#### 30-DAY PRICES FOR SINGAPORE BUNKERS (\$/mt delivered)



## **EUROPE**

# VLSFO demand strengthens in ARA

Bulk barge prices in the Amsterdam-Rotterdam-Antwerp (ARA) hub of northwest Europe firmed Wednesday, amid increasing fuel oil buying interest in the region and strengthening crude prices, according to market sources and U.S. Energy Information Administration (EIA) data.

Very low sulfur fuel oil (VLSFO) spot physical barge prices in ARA gained more than \$10/metric ton, according to OPIS assessment data, while its high sulfur counterpart (HSFO) rose by just shy of \$9/mt on the day.

"Demand for VLSFO is getting bigger the last few weeks," said one ARA market source. "There is a clear interest from buyers in particular."

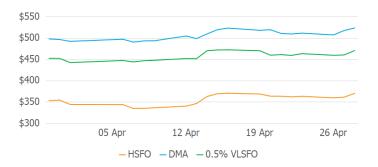
Fuel oil paper markets firmed on the day, with front month HSFO barge paper rising \$8.75/mt and VLSFO barge swaps gaining \$9.25/mt, according to broker data, compared with increases of between \$1-3/mt Tuesday for both sulfur grades.

The spread between HSFO and VLSFO barges, known as the Hi-5 spread, blew out amid rising crude and strengthening fuel oil price. The Hi-5 spread widened to \$100.19/mt, the widest since April 19, according to broker data compiled by OPIS.

Meanwhile, bolstered by news of a lower-than-expected draw in U.S. crude inventories and an increase in domestic refining activity, crude futures jumped higher. Brent crude futures were pegged at \$67.59/bbl by 4:30 p.m. U.K. time Wednesday, compared to \$65.88/bbl at the same market Tuesday, according to ICE data.

Overall U.S. crude inventories rose by 90,000 barrels in the latest week to 493.1 million barrels, EIA data showed Wednesday. Crude inventories in PADD3 fell by 5.1 million bbl, outweighing small gains in the other PADD districts. U.S. refinery utilization rates in the latest week nudged higher to 85.4% from 85.0% the week prior.

#### 30-DAY PRICE FOR ARA BULK (\$/mt FOB Barge)



#### ARA FUEL BTU INDICATOR

FUEL	API	BTUs/bbl	BTUs/mt	(\$/bbl)	(\$/mt)	BTUs/\$
DMA	27.5	5,838,000	41,257,146	73.581	520.000	79,341
0.5% VLSFO	19	6,116,255	40,991,141	71.620	480.000	85,398
HS 380 CST	11.3	6,246,000	39,662,100	58.740	373.000	106,333

<sup>\*</sup> General Indication of the number of BTUs per US dollar spent for various grades of fuel based on API.

#### ROTTERDAM BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
DMA	518.00	522.00	520.000	5.000
0.5% VLSFO	478.00	482.00	480.000	5.000
HS 380 CST	371.00	375.00	373.000	6.000

#### ANTWERP BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
DMA	517.00	521.00	519.000	8.000
0.5% VLSFO	473.00	477.00	475.000	9.000
HS 380 CST	370.00	374.00	372.000	7.000

#### HAMBURG BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
DMA	541.00	545.00	543.000	2.000
0.5% VLSFO	476.00	480.00	478.000	-6.000
HS 380 CST	387.00	391.00	389.000	4.000

#### ISTANBUL BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	571.00	575.00	573.000	8.000
0.5% VLSFO	520.00	524.00	522.000	7.000
HS 380 CST	410.00	414.00	412.000	7.000

#### GIBRALTAR BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	552.00	556.00	554.000	10.000
0.5% VLSFO	493.00	497.00	495.000	9.000
HS 380 CST	405.00	409.00	407.000	5.000

#### PIRAEUS BUNKERS (\$/mt delivered)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LSMGO	568.00	572.00	570.000	10.000
0.5% VLSFO	545.00	549.00	547.000	6.000
HS 380 CST	422.00	426.00	424.000	6.000

#### **ARA BULK BARGES (FOB)**

PRODUCT (\$/mt)	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
DMA	-9.25	519.14	530.52	530.000**	14.750
0.5% VLSFO	-69.00	468.25	472.25	470.250	10.250
HSFO		368.00	372.00	370.000	8.875
PRODUCT (\$/bbl)	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
DMA	-1.31	73.46	75.07	74.996**	2.087
0.5% VLSFO	-10.30	69.87	70.46	70.166	1.529
	-10.50	05.01	10.40	. 0.200	2.025

<sup>\*</sup> Diff to Front Month ICE LS Gasoil Futures Prices as Displayed on Page 8

#### **MEDITERRANEAN BULK CARGOES (CIF)**

PRODUCT (\$/mt)	LOW	HIGH	MEAN	CHANGE
0.5% VLSFO	464.50	468.50	466.500	9.000
HSFO	364.25	368.25	366.250	8.750
PRODUCT (\$/bbl)	LOW	HIGH	MEAN	CHANGE
0.5% VLSFO	69.31	69.90	69.606	1.343

#### **NWE BULK CARGOES (CIF)**

PRODUCT (\$/mt)	LOW	HIGH	MEAN	CHANGE
DMA	530.00	534.00	532.000	14.750
0.5% VLSFO	470.25	474.25	472.250	10.250
HSFO	370.00	374.00	372.000	8.875
PRODUCT (\$/bbl)	LOW	HIGH	MEAN	CHANGE
DMA	75.00	75.56	75.279	2.087
0.5% VLSFO	70.17	70.76	70.464	1.529
HSFO	58.27	58.90	58.583	1.398

#### **AMERICAS**

# Bunkers tick higher; Los Angeles refineries to see flaring

Bunkers rose across the Americas Wednesday on rising resupply costs and stronger crude values.

In Houston, suppliers reported moderate spot market activity and values were higher mostly on the overall stronger energy complex. VLSFO was indicated by several suppliers at \$485 per metric ton exwharf, while marine gasoil was reported from \$545-555/mtw. HS 380 CST indicated at \$375/mtw. VLSFO and MGO were assessed \$5/mt higher to \$481-485/mtw and \$545-555/mtw, respectively. HS 380 CST was marked \$1/mt higher to \$371-375/mtw.

A major supplier in New Orleans reported soft demand and only indications were heard in the spot market. VLSFO was indicated at \$510/mtw and MGO was reported at \$585/mtw. The port was assessed \$10/mt higher for MGO to \$570-580/mtw, and VLSFO was assessed \$9/mt stronger to \$500-504/mtw.

In New York Harbor, values climbed higher on the "market spike this morning," an East Coast broker said. Levels were indicated at \$510/mtw for VLSFO; \$610/mtw for MGO; and \$402/mtw for HS 380 CST. New York MGO was assessed \$16/mt higher to \$575-585/mtw; \$10/mt stronger for VLSFO to \$502-506/mtw; and \$6/mt higher for HS 380 CST to \$394-398/mtw.

West Coast spot market reporting was light, although values that were heard were stronger. Two refineries in the Los Angeles area have planned flaring at their respective plants due to "Start-Up/Shut down," OPIS reported earlier in the day. VLSFO was stronger by \$2/mt in Los Angeles and Seattle to \$500-504/mtw and \$530-534/mtw, respectively. Vancouver VLSFO was assessed \$1/mt higher to \$525-529/mtw. In MGO, Los Angeles added \$10/mt to \$605-615/mtw, while Seattle was marked \$5/mt stronger to \$640-650/mtw.

<sup>\*\*</sup> The DMA price shows the average all day differential created by the OPIS450 methodology, and added to the front month LS Gasoil Settle.

#### **HOUSTON FUEL BTU INDICATOR**

PRODUCT	API	BTUs/bbl	BTUs/mt	MEAN (\$/bbl)	MEAN (\$/mt)	BTUs/\$
GC ULSD	35.5	5,838,000	43,493,100	79.525	592.461	73,411
0.5% VLSFO	19	6,116,255	40,991,141	72.068	483.000	84,868
HS 380 CST	11.3	6,246,000	39,662,100	58.740	373.000	106,333

 $<sup>^{\</sup>star} \ \textit{General Indication of the number of BTUs per US dollar spent for various grades of fuel based on API.}$ 

## AMERICAS BUNKERS (\$/mt ex-wharf)

HOUSTON					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		545.00	555.00	550.000	5.000
0.5% VLSFO	-123.59	481.00	485.00	483.000	5.000
HS 380 CST		371.00	375.00	373.000	1.000
NEW ORLEANS					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		570.00	580.00	575.000	10.000
0.5% VLSFO	-104.59	500.00	504.00	502.000	9.000
HS 380 CST		391.00	395.00	393.000	5.000
NEW YORK					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		575.00	585.00	580.000	16.000
0.5% VLSFO	-102.59	502.00	506.00	504.000	10.000
HS 380 CST		394.00	398.00	396.000	6.000
PHILADELPHIA					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		578.00	588.00	583.000	16.000
0.5% VLSFO	-100.59	504.00	508.00	506.000	9.000
HS 380 CST		418.00	422.00	420.000	7.000
NORFOLK					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		585.00	595.00	590.000	8.000
0.5% VLSFO	-69.59	535.00	539.00	537.000	3.000
HS 380 CST		369.00	373.00	371.000	2.000
SAVANNAH					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		600.00	610.00	605.000	5.000
0.5% VLSFO	-39.59	565.00	569.00	567.000	2.000
HS 380 CST		482.00	486.00	484.000	1.000
SEATTLE					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		640.00	650.00	645.000	5.000
0.5% VLSFO	-74.59	530.00	534.00	532.000	2.000
HS 380 CST		439.00	443.00	441.000	1.000

## AMERICAS BUNKERS - CONTINUED (\$/mt ex-wharf)

LOS ANGELES					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		605.00	615.00	610.000	10.000
0.5% VLSFO	-104.59	500.00	504.00	502.000	2.000
HS 380 CST		397.00	401.00	399.000	1.000
PANAMA					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		590.00	600.00	595.000	5.000
0.5% VLSFO	-111.59	493.00	497.00	495.000	3.000
HS 380 CST		403.00	407.00	405.000	1.000
VANCOUVER					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		625.00	635.00	630.000	3.500
0.5% VLSFO	-79.59	525.00	529.00	527.000	1.000
HS 380 CST		430.00	434.00	432.000	2.000
MANZANILLO					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		1340.00	1350.00	1345.000	100.000
0.5% VLSFO		836.00	840.00	838.000	0.000
HS 380 CST		635.00	639.00	637.000	0.000
VERACRUZ					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		1340.00	1350.00	1345.000	100.000
0.5% VLSFO		836.00	840.00	838.000	0.000
HS 380 CST		635.00	639.00	637.000	0.000
VALPARAISO					
PRODUCT	BASIS DIFF*	LOW	HIGH	MEAN	CHANGE
LSMGO		729.00	739.00	734.000	0.000
0.5% VLSFO		620.00	624.00	622.000	-3.000
HS 380 CST		505.00	509.00	507.000	2.000

 $<sup>^\</sup>star$  Diff to Front Month NYMEX ULSD Futures as Displayed on Page 8

#### **BUNKER FUELS vs LSMGO (\$/mt ex-wharf)**



#### AMERICAS BARGE RATES (\$/mt)

LOCATION	LOW	HIGH
LOCATION	LOW	HIGH
Houston	11.00	20.00
New Orleans	10.50	19.00
New York	9.10	14.80
Philadelphia	7.27	11.83
Norfolk, VA	9.10	14.80
Savannah	10.25	21.00
Los Angeles	13.00	20.00
Seattle	12.50	18.50
Panama	10.25	18.75
Vancouver, BC	11.25	18.74
Manzanillo	12.45	18.50
Veracruz	12.45	18.50
Valparaiso	12.25	19.25

<sup>\*</sup> Typical Barge Rates for Parcels of 600-1600mt

### **HOUSTON BULK FUEL (FOB)**

PRODUCT (\$/bbl)	DIFF*	LOW	HIGH	MEAN	CHANGE
0.5% VLSFO	-10.51	70.76	71.06	70.912	0.448
3% HSFO		57.40	57.50	57.450	0.650
PRODUCT (\$/mt)	DIFF*	LOW	HIGH	MEAN	CHANGE
PRODUCT (\$/mt) 0.5% VLSFO	DIFF* -131.34	LOW 474.25	HIGH 476.25	MEAN 475.250	CHANGE 3.000

#### BASIS NEW YORK HARBOR BULK FUEL (DELIVERED)

PRODUCT (\$/bbl)	DIFF*	LOW	HIGH	MEAN	CHANGE
0.3% ULSFO		79.06	79.16	79.110	0.490
0.5% VLSFO	-8.64	72.63	72.93	72.777	0.448
1% SFO		65.00	65.50	65.250	0.600
3% HSFO		59.25	59.75	59.500	0.650
PRODUCT (\$/mt)	DIFF*	LOW	HIGH	MEAN	CHANGE
TRODUCT (3/IIII)	וווט	LOW	піоп	MEAN	CHANGE
0.3% ULSFO		540.77	541.45	541.112	3.352
	-118.84				
0.3% ULSFO		540.77	541.45	541.112	3.352

<sup>\*</sup> Diff to Front Month NYMEX ULSD Futures as Displayed on Page 8

#### U.S. GULF COAST FOB LNG (\$/MMBtu)

	1-15 DAY 04/29-05/13	16-30 DAY 05/14-05/28	31-45 DAY 05/29-06/12	46-60 DAY 06/13-06/27
Differential	4.086	4.107	4.056	4.056
NG Price	2.936	2.960	3.011	3.011
Assessment	7.022	7.067	7.067	7.067

## U.S. GULF COAST LIGHT CYCLE OIL (\$/gal)

PRODUCT	LOW	HIGH	MEAN	CHANGE
LT Cycle Oil	1.75	1.76	1.757	0.068
LS LT Cycle Oil	1.73	1.74	1.735	0.068

# OPIS Benchmark Rack ULSD

## **OPIS GROSS TERMINAL ULTRA LOW SULFUR DISTILLATE PRICES**

LOCATION	RACK LOW (\$/gal)	RACK LOW (\$/mt)	DIFF TO NYMEX* (\$/gal)	DIFF TO NYMEX* (\$/mt)	RACK AVG (\$/gal)	RACK AVG (\$/mt)	DIFF TO NYMEX* (\$/gal)	DIFF TO NYMEX* (\$/mt)
Houston**	1.9017	595.042	-0.0369	-11.546	2.0186	631.620	0.0800	25.032
New York	1.9810	619.855	0.0424	13.267	2.0231	633.028	0.0845	26.440
Philadelphia	1.9357	605.681	-0.0029	-0.907	1.9634	614.348	0.0248	7.760
Norfolk	1.9130	598.578	-0.0256	-8.010	1.9446	608.465	0.0060	1.877
Savannah	1.9980	625.174	0.0594	18.586	2.0242	633.372	0.0856	26.784
New Orleans	1.8835	589.347	-0.0551	-17.241	1.9243	602.113	-0.0143	-4.474
Los Angeles***	1.9121	598.296	-0.0265	-8.292	1.9799	619.511	0.0413	12.923
Seattle	1.9850	621.107	0.0464	14.519	2.0221	632.715	0.0835	26.127
Detroit	1.9435	608.121	0.0049	1.533	2.0084	628.428	0.0698	21.840
Vancouver	2.5240	789.760	0.5854	183.172	2.5264	790.511	0.5878	183.923

<sup>\*</sup> Diff to Front Month Nymex ULSD Settle

<sup>\*\*</sup> ULSD LED
\*\*\* CARB ULSD (adjusted to exclude CAR)

# Swaps

#### SINGAPORE (\$/mt)

MONTH	HSFO	VLSFO	SPREAD	SPREAD CHANGE
May	374.25	485.75	111.50	-2.30
Jun	373.75	484.85	111.10	-2.40
Jul	372.25	484.00	111.75	-2.50

<sup>\*</sup> Values at 16:30 Singapore time

## EAST/WEST (\$/mt)

MONTH	HSFO	CHANGE	VLSFO	CHANGE
May	11.00	0.00	22.83	0.25
Jun	11.25	0.00	22.33	0.00
Jul	12.25	0.25	22.08	0.00

<sup>\*</sup> Values at 16:30 UK time

## ARA (\$/mt)

MONTH	HSFO	VLSFO	SPREAD	SPREAD CHANGE
May	371.02	471.67	100.65	0.52
Jun	370.27	471.67	101.40	1.02
Jul	367.77	471.67	103.90	1.52

<sup>\*</sup> Values at 16:30 UK time

#### **HOUSTON**

MONTH (\$/bbl)	HSFO	VLSFO	SPREAD	SPREAD CHANGE
May	57.40	75.00	17.60	-0.15
Jun	57.30	74.85	17.55	-0.15
Jul	57.00	74.85	17.85	-0.35
MONTH (\$/mt)	HSFO	VLSFO	SPREAD	SPREAD CHANGE
MONTH (\$/mt) May	HSFO 364.49	VLSFO 502.65	SPREAD 138.16	SPREAD CHANGE -0.78

<sup>\*</sup> Values at 16:30 CST time

# Crack Spreads

## ASIA BULK RESIDUAL FUEL OIL vs CRUDE CRACK SPREAD (\$/bbl)

LOCATION	VLSFO	CHANGE	HSFO	CHANGE
Singapore/Brent	6.299	-0.287	-7.260	0.028

<sup>\*</sup> Brent at 16:30 Singapore time

## ARA BULK RESIDUAL FUEL OIL vs CRUDE CRACK SPREAD (\$/bbl)

LOCATION	VLSFO	CHANGE	HSFO	CHANGE
Rotterdam/Brent	2.576	-0.181	-9.322	-0.312

<sup>\*</sup> Brent at 16:30 UK time

## HOUSTON BULK RESIDUAL FUEL OIL vs CRUDE CRACK SPREAD (\$/bbl)

LOCATION	VLSFO	CHANGE	HSFO	CHANGE
Houston/Brent	3.642	-0.402	-9.820	-0.200

<sup>\*</sup> Brent at Settle (19:30 UK time)

#### **GULF COAST LSVGO BARGE vs BUNKER SPREAD (\$/bbl)**

LSVGO	0.5% VLSFO	0.5% VLSFO	LSVGO vs VLSFO	LSVGO vs VLSFO
	BULK	BUNKER	BULK	BUNKER
71.36	70.91	72.07	0.45	-0.71

# **OPIS Spot**

## **OPIS SPOT ULSD**

LOCATION	MEAN (\$/gal)	MEAN (\$/mt)	DIFF TO NYMEX (\$/gal)	DIFF TO NYMEX (\$/mt)
Gulf Coast	1.8935	592.461	-0.0452	-14.127
New York Harbor Barge	1.9376	606.275	-0.0010	-0.313
Los Angeles*	1.9647	614.755	0.0261	8.167
Pacific Northwest	2.0136	630.055	0.0750	23.468

<sup>\*</sup> ULS No.2

## **Energy Futures**

#### ICE BRENT 16:30 SINGAPORE MARKER (\$/bbl)

MONTH	PRICE	CHANGE
Jun	66.29	0.09
Jul	65.76	0.14
Aug	65.37	0.16

#### ICE BRENT 16:30 UK MARKER (\$/bbl)

MONTH	PRICE	CHANGE
Jun	67.59	1.71
Jul	67.09	1.71
Aug	66.65	1.65

#### ICE BRENT SETTLE (\$/bbl)

MONTH	PRICE	CHANGE
Jun	67.27	0.85
Jul	66.78	0.91
Aug	66.38	0.91

#### ICE LS GASOIL SETTLE (\$/mt)

MONTH	PRICE	CHANGE
May	539.25	13.75
Jun	541.00	13.50
Jul	542.50	13.50

### NATURAL GAS (\$/mmBtu)

MONTH	PRICE	CHANGE
May	2.925	0.052
Jun	2.960	0.018
Jul	3.011	0.016

#### NYMEX WTI CRUDE OIL (\$/bbl)

MONTH	PRICE	CHANGE
Jun	63.8600	0.9200
Jul	63.7500	0.9500
Aug	63.4400	0.9600

#### NYMEX ULSD (cts/gal)

MONTH	PRICE	CHANGE
May	193.8600	3.2900
Jun	193.9700	3.2600
Jul	194.1200	3.2200

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For complete methodology, visit www.opisnet.com/about/methodology

## **Bulk FO Trading Remains Quiet**

In bulk fuel oil markets, Gulf Coast trading remained quiet with no deals heard done for either HSFO or VLSFO. Values moved in sympathy with swaps, which were up across the board. VLSFO was up \$3/mt to \$487.75/mt. Using a 19 API, the value equates to June ICE Brent plus \$3.64/bbl, or \$70.91/bbl outright. HSFO gained 65cts rising to \$57.45/bbl.

The East Coast market was also quiet with little heard done for the region. Values moved higher with swaps. VLSFO was assessed \$3/mt higher to \$387.75/mt, which using a 19 API equates to June ICE Brent plus \$5.51/bbl, or \$72.78/bbl outright. 1%S rose 60cts to \$65.25/bbl and the 3% product added 65cts going to \$59.50/bbl.

# Cargo Update

#### **EUROPE**

- The Jupiter Sun was due to load 100,000 mt of fuel oil from St Petersburg, Russia, April 29-30, on subs to bp for discharge in the U.S. Gulf
- The Suez George is set to load 130,000 mt of fuel oil by ship-toship transfer off Malta on May 1, bound for Singapore
- Mercuria chartered the Houston Star to load 100,000 mt of fuel oil on May 1, loading in the Baltics for shipment to a U.S. Gulf port

#### **AMERICAS**

 The Dong-A Maia tanker was headed to the port of Freeport in the Bahamas with a 47,500-mt fuel oil cargo from Taman, Vitol reported charterer

# US Gulf Coast Residual Fuel Stocks Rise With Crude Inputs, Production

U.S. Gulf Coast (PADD 3) residual fuel stocks increased last week with higher crude inputs and production, government statistics show, but nationwide levels showed little direction.

The U.S. Energy Information Administration data for the week ending April 23 showed nationwide stocks of residual fuel to be essentially flat at 32.3 million bbl, while in PADD 3 stocks rose 500,000 bbl, to 18.8 million bbl, and PADD 1 was down 200,000 bbl, to 7 million bbl.

Crude inputs expressed as a percentage of refinery capacity were higher, up 0.4% nationwide to 84.4%, while PADD 3 was higher by 1.2% to 89.5%, and PADD 1 shot up 7.7% to 76.8%.

Last year in PADD 3, well into the effects of the pandemic, crude runs were only 74.7% of capacity, while two years ago they were 91.9%.

Residual fuel production was mostly higher, up 49,000 b/d in PADD 3 to 72,000 b/d, up 33,000 b/d nationwide to 225,000 b/d, but down 3,000 b/d in PADD 1 to 36,000 b/d.

Imports were up in PADD 3 by 72,000 b/d, to 128,000 b/d, but down nationwide by 18,000 b/d, to 134,000 b/d; PADD 1 fell 88,000 b/d, to zero.

Exports are not broken out by PADD region in the weekly report; they fell 49,000 b/d, to 84,000 b/d nationwide.

Demand is also not broken out by PADD (Petroleum Administration for Defense Districts), but nationwide it was up 211,000 b/d, to 281,000 b/d. Last year, demand was 110,000 b/d, but two years ago it was 206,000 b/d, suggesting current demand is headed back to pre-COVID-19 pandemic levels. --Reporting by Robert Sharp, robert.sharp@ihsmarkit.com; Edited by Tom Sosnowski, thomas.sosnowski@ihsmarkit.com

# Two LA-Area Refineries Expecting Planned Flaring Over Next Few Days

A pair of companies notified local regulators of planned multiday flaring at their respective Los Angeles-area refineries beginning Wednesday.

PBF is anticipating flaring at its 166,200-b/d Torrance, California, refinery through May 3, due to a "Start-up/Shut down," according to a filing with the South Coast Air Quality Management District (SCAQMD).

The refinery previously reported unplanned flaring to SCAQMD due to a "mechanical/electrical malfunction" last week and flaring due to planned maintenance at the start of March.

Separately, the Carson portion of Marathon Petroleum's 382,000-b/d Los Angeles refinery is expecting flaring through May 1, also due to "Start-Up/Shut down," a filing with SCAQMD noted. As previously reported by OPIS, the company notified the SCAQMD of unplanned flaring for an unspecified cause at the Carson portion of the L.A. refinery on April 15 and at the Wilmington portion of the refinery on April 19.

Whether or not imminent planned flaring at the Marathon and PBF refineries was connected to unplanned flaring earlier this month was not immediately clear, as spokespersons for the companies were not immediately available for comment Wednesday.

Meanwhile, in the Pacific Northwest, earlier this month Shell initiated planned maintenance at its 145,000-b/d Anacortes, Washington, refinery, according to a filing with Northwest Clean Air Agency, for expected flaring associated with the work. The refiner filed a notification with the same agency on April 27 that "there may be flaring per flare management plan [with the] startup of process units following maintenance." ---Reporting by Kylee West, <a href="mailto:kwest@opisnet.com">kwest@opisnet.com</a>; Max Tang, <a href="mailto:jtang@opisnet.com">jtang@opisnet.com</a>; Editing by Michael Kelly, <a href="mailto:michael.kelly3@ihsmarkit.com">michael.kelly3@ihsmarkit.com</a>