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# Asia-Pacific/Arab Gulf Marketscan

Volume 44 / Issue 75 / April 22, 2025

### Asia products

|                              | Code    |                     | Mid     | Change | Code    |               | Mid     | Change | Code        |               | Mid    | Change |
|------------------------------|---------|---------------------|---------|--------|---------|---------------|---------|--------|-------------|---------------|--------|--------|
| Singapore (PGA page 2002)    |         |                     |         |        |         |               |         |        |             |               |        |        |
|                              | FOR     | B Singapore (\$/bar | rel)    |        |         | MOPS strip    |         |        | Prem        | nium/Discount |        |        |
| Naphtha                      | PAAAP00 | 62.32-62.36         | 62.340  | +0.500 | AAPKA00 | 61.71-61.75   | 61.730  | +0.430 |             |               |        |        |
| Gasoline 97 unleaded         | PGAMS00 | 77.51-77.55         | 77.530  | +0.310 |         |               |         |        | AAPKE00* 1  | 5.78/15.82    | 15.800 | -0.120 |
| Gasoline 95 unleaded         | PGAEZ00 | 77.13-77.17         | 77.150  | +0.310 |         |               |         |        | AAPKF00* 1  | 5.40/15.44    | 15.420 | -0.120 |
| Gasoline 95 unleaded         |         |                     |         |        | AGUMS00 |               | 76.360  | +0.320 | AGUMA00**** |               | 0.790  | -0.010 |
| Gasoline 92 unleaded         | PGAEY00 | 75.83-75.87         | 75.850  | +0.310 |         |               |         |        | AAPKG00* 1- | 4.10/14.14    | 14.120 | -0.120 |
| Gasoline 92 unleaded         |         |                     |         |        | AAXEQ00 | 74.64-74.68   | 74.660  | +0.310 | AAXER00     | 1.17/1.21     | 1.190  | 0.000  |
| Gasoline 91 unleaded         | AAYNA00 |                     | 76.650  | +0.610 |         |               |         |        | AAYNB00     |               | 1.990  | +0.300 |
| Gasoline 92 unleaded 500 ppm |         |                     |         |        |         |               |         |        | PGAFY00***  |               | 1.240  | 0.000  |
| CFR Naphtha                  | AAOVF00 |                     | 63.830  | +0.430 |         |               |         |        | AAOVG00     |               | 2.100  | 0.000  |
| Kerosene                     | PJABF00 | 80.98-81.02         | 81.000  | +0.270 | AAPJZ00 | 80.37-80.41   | 80.390  | +0.210 | PJACU00     | 0.59/0.63     | 0.610  | +0.060 |
| Gasoil 10 ppm                | AAOVC00 | 82.06-82.10         | 82.080  | +0.190 |         |               |         |        | AAOVD00**   | 0.63/0.67     | 0.650  | 0.000  |
| Gasoil 50 ppm                | AAPPF00 | 81.90-81.94         | 81.920  | +0.190 |         |               |         |        | AAPPH00**   | 0.47/0.51     | 0.490  | 0.000  |
| Gasoil 0.05% sulfur          | AAFEX00 | 80.57-80.61         | 80.590  | +0.180 |         |               |         |        | AAFFB00**   | 0.86/-0.82    | -0.840 | -0.010 |
| Gasoil 0.25% sulfur          | AACUE00 | 80.18-80.22         | 80.200  | +0.180 |         |               |         |        | AACQI00** - | 1.25/-1.21    | -1.230 | -0.010 |
| Gasoil                       | POABC00 | 82.06-82.10         | 82.080  | +0.190 | AAPJY00 | 81.41-81.45   | 81.430  | +0.190 | POAIC00**   | 0.63/0.67     | 0.650  | 0.000  |
| FO 180 CST 2% (\$/mt)        | PUAXS00 | 448.36-448.40       | 448.380 | +3.460 |         |               |         |        |             |               |        |        |
| HSFO 180 CST (\$/mt)         | PUADV00 | 438.49-438.53       | 438.510 | +3.380 | AAPJX00 | 437.99-438.03 | 438.010 | +3.380 | AAGZF00     | 0.48/0.52     | 0.500  | 0.000  |
| HSF0 380 CST (\$/mt)         | PPXDK00 | 423.86-423.90       | 423.880 | +6.510 | AAPJW00 | 423.61-423.65 | 423.630 | +2.910 | PPXDL00     | 0.23/0.27     | 0.250  | +3.600 |
| Marine Fuel 0.5% (\$/mt)     | AMFSA00 |                     | 481.890 | +3.870 | F0FSA00 |               | 477.190 | +2.950 | F0FSB00     |               | 4.700  | +0.920 |
| Ex-Wharf 380 CST (\$/mt)     | AAFER00 | 427.50-428.50       | 428.000 | +6.000 |         |               |         |        |             |               |        |        |
| Ex-Wharf 500 CST (\$/mt)     | AAVUP00 | 424.50-425.50       | 425.000 | +6.000 |         |               |         |        |             |               |        |        |
| Bitumen Pen 60-70 (\$/mt)    | BTSGA00 |                     | 415.000 | 0.000  |         |               |         |        | BTSGB00**** |               | -8.630 | -2.910 |

<sup>\*</sup>Differential to FOB Singapore naphtha. \*\*Differential to FOB Singapore gasoil. The "Gasoil" assessment reflects 10 ppm sulfur from January 2, 2018. \*\*\*Indicates relationship between premium/discount and MOPS gasoline 92 strip. \*\*\*\*Differential to FOB Singapore gasoline 95 unleaded..\*\*\*\*Indicates relationship between premium/discount and HSFO 380 CST MOPS Strip.

Middle East physical oil assessments (PGA pages 2004 and 2018)

|                                     | FO      | B Arab Gulf (\$/bar | rel)    |        |          | Premium/Discount |        |        |
|-------------------------------------|---------|---------------------|---------|--------|----------|------------------|--------|--------|
| Naphtha (\$/mt)                     | PAAAA00 | 536.52-542.02       | 539.270 | +2.950 | AAPKH00  | 19.25/19.75      | 19.500 | 0.000  |
| Naphtha LR2 (\$/mt)                 | AAIDA00 | 542.41-547.91       | 545.160 | +3.230 |          |                  |        |        |
| Gasoline 95 unleaded                | AAICY00 | 74.12-74.16         | 74.140  | +0.290 | AAWUJ00  | 4.33/4.37        | 4.350  | 0.000  |
| Gasoline 95 unleaded CFR            |         |                     |         |        | AAWUK00  | 5.53/5.57        | 5.550  |        |
| Gasoline 92 unleaded                | AAGJA00 |                     | 72.840  | +0.290 | AAGZA00  |                  | 3.950  | 0.000  |
| Kerosene                            | PJAAA00 | 78.26-78.30         | 78.280  | +0.230 | PJACV00  | 1.53/1.57        | 1.550  | +0.050 |
| Gasoil 10 ppm                       | AAIDT00 | 79.18-79.22         | 79.200  | +0.150 | AAIDU00* | 1.48/1.52        | 1.500  | 0.000  |
| Gasoil 0.005% sulfur                | AASGJ00 | 79.13-79.17         | 79.150  | +0.150 | AASGK00* | 1.43/1.47        | 1.450  | 0.000  |
| Gasoil 0.05% sulfur                 | AAFEZ00 | 78.94-78.98         | 78.960  | +0.150 | AAFFD00* | 1.24/1.28        | 1.260  | 0.000  |
| Gasoil 0.25% sulfur                 | AACUA00 | 78.45-78.49         | 78.470  | +0.150 | AACUC00* | 0.75/0.79        | 0.770  | 0.000  |
| Gasoil                              | POAAT00 | 79.18-79.22         | 79.200  | +0.150 | POAID00* | 1.48/1.52        | 1.500  | 0.000  |
| HSFO 180 CST (\$/mt)                | PUABE00 | 417.64-417.68       | 417.660 | +3.380 | AAXJA00  | 9.98/10.02       | 10.000 | 0.000  |
| HSFO 380 CST (\$/mt)                | AAIDC00 | 403.01-403.05       | 403.030 | +6.510 | AAXJB00  | 9.98/10.02       | 10.000 | +1.000 |
| HSFO 380/180 spread (\$/mt)         | PPXDM00 | -14.65/-14.61       | -14.630 | +3.130 |          |                  |        |        |
| Marine Fuel 0.5% Fujairah (\$/mt)   |         |                     |         |        | F0FFB00* | **               | 4.000  | +1.000 |
| Ex-Wharf Fujairah 380 CST** (\$/mt) | )       |                     |         |        | AAYBG00  |                  | 4.730  | +1.700 |

<sup>\*</sup>Premium to MOPAG gasoil during loading. \*\*Ex-Wharf differential represents premium/discount to the MOPAG 180 CST strip. \*\*\*MF 0.5% differential represents premium/discount to the MOPFUJ MF 0.5% strip.

## Market Commentary

# Platts Asia and Middle Eastern Gasoline Daily Market Analysis

- India's Jamnagar undergoes maintenance for three weeks
- India's Nayara sells 60,000 mt of 92 RON non-oxy gasoline

The Asian gasoline market complex strengthened April 22 as Mexican demand for Asian cargoes continued to be heard strong with PMI heard seeking cargoes from China, sources said.

### Asia products

|                                  | Code                   | Mid         | Change | Code    | Mid     | Change |
|----------------------------------|------------------------|-------------|--------|---------|---------|--------|
| Middle East physical oil assessm | ents (PGA pages 2004 a | nd 2018)    |        |         |         |        |
|                                  | FOB Fujairah           | (\$/barrel) |        | MOPAG S | Strip   |        |
| Naphtha (\$/mt)                  | NFJSA00                | 556.920     | +3.010 | NFJTA00 | 537.420 | +3.010 |
| Gasoline 95 unleaded             | AFUJA00                | 77.500      | +0.290 | AFUJB00 | 73.150  | +0.290 |
| Gasoline 92 unleaded             | RFJFS00                | 75.380      | +0.280 | RAGTA00 | 71.430  | +0.280 |
| Kerosene                         | AFUJF00                | 79.230      | +0.290 | AFUJG00 | 77.680  | +0.240 |
| Gasoil 10 ppm                    | AFUJP00                | 79.990      | +0.190 |         |         |        |
| Gasoil 500 ppm                   | AFUJN00                | 79.750      | +0.190 |         |         |        |
| Gasoil                           | AFUJK00                | 79.990      | +0.190 | AFUJL00 | 78.490  | +0.190 |
| HSFO 380 CST (\$/mt)             | AFUJQ00                | 420.250     | +5.180 | AFUJR00 | 410.250 | +4.180 |
| Ex-Wharf 380 CST (\$/mt)         | AAYBF00                | 425.000     | +5.000 | AAYBD00 | 420.270 | +3.300 |
|                                  |                        |             |        | MOPFUJ  | Strip   |        |
| Marine Fuel 0.5% (\$/mt)**       | AMFFA00                | 480.900     | +4.870 | FOFFA00 | 476.900 | +3.870 |
|                                  | FOB Bahrai             | n (\$/mt)   |        |         |         |        |
| Bitumen PEN 60-70 weekly***      | BFBSW04                | 415.00      | 0.00   |         |         |        |

<sup>\*</sup>FOB Fujairah outright prices are derived by adding the MOPAG strips and the FOB Arab Gulf premiums/discounts.

#### Gasoline components (PBF page 2410)

Singapore demurrage (PGT pages 2910 and 2960)

| Demurrage Clean         AALPY00         24000.000         0.000           Demurrage Dirty         AALQA00         36500.000         0.000 |               | \$/day                |      |
|---|---------------|-----------------------|------|
| Demurrage Dirty AALQA00 36500.000 0.000   | Clean AALPY00 | n AALPY00 24000.000 0 | .000 |
|   | Dirty AALQA00 | AALQA00 36500.000 0   | .000 |

Singapore paper (PGA page 2655)

| Balance April (\$/barrel) |         |               |         |        |         | May (\$/barrel) |         |        | 2       | June (\$/barrel) |         |        |
|---------------------------|---------|---------------|---------|--------|---------|-----------------|---------|--------|---------|------------------|---------|--------|
| Naphtha Japan (\$/mt)     | RAXFM00 |               | NA      | NANA   | AAXFE00 | 571.00-571.50   | 571.250 | +3.250 | AAXFF00 | 563.75-564.25    | 564.000 | +3.250 |
| Naphtha                   | AAPLD00 | NA-NA         | NA      | NANA   | PAAAQ00 | 61.68-61.72     | 61.700  | +0.450 | PAAAR00 | 60.88-60.92      | 60.900  | +0.450 |
| Gasoline 95 unleaded      | AGUMB00 |               | NA      | NANA   | AGUMM01 |                 | 76.330  | +0.340 | AGUMM02 |                  | 75.550  | +0.310 |
| Gasoline 92 unleaded      | AAXEK00 | NA-NA         | NA      | NANA   | AAXEL00 | 74.61-74.65     | 74.630  | +0.340 | AAXEM00 | 73.73-73.77      | 73.750  | +0.310 |
| Reforming Spread          | AAXEN00 | NA/NA         | NA      | NANA   | AAXE000 | 12.91/12.95     | 12.930  | -0.110 | AAXEP00 | 12.83/12.87      | 12.850  | -0.140 |
| Kerosene                  | AAPLE00 | 80.87-80.91   | 80.890  | +0.120 | PJABS00 | 80.36-80.40     | 80.380  | +0.230 | PJABT00 | 80.02-80.06      | 80.040  | +0.340 |
| Gasoil                    | AAPLF00 | 82.03-82.07   | 82.050  | +0.280 | POAFC00 | 81.39-81.43     | 81.410  | +0.210 | POAFG00 | 80.76-80.80      | 80.780  | +0.220 |
| HSFO 180 CST (\$/mt)      | AAPML00 | 438.23-438.27 | 438.250 | +4.350 | PUAXZ00 | 437.78-437.82   | 437.800 | +3.600 | PUAYF00 | 431.23-431.27    | 431.250 | +3.600 |
| HSFO 380 CST (\$/mt)      | AAPKB00 | 423.73-423.77 | 423.750 | +4.300 | AAPKC00 | 423.48-423.52   | 423.500 | +3.050 | AAPKD00 | 419.43-419.47    | 419.450 | +3.050 |
| Gasoil EFS (\$/mt)        | AAQTX00 |               | NA      | NANA   | AAQTY00 |                 | -19.250 | +0.060 | AAQTZ00 |                  | -17.190 | -0.110 |

#### Arab Gulf Front Month Swaps (PGA page 2638)

| Balance April* (\$/barrel) |         |        |        | May (   | \$/barrel) |        | <u>June (\$/barrel)</u> |         |        |
|----------------------------|---------|--------|--------|---------|------------|--------|-------------------------|---------|--------|
| Naphtha (\$/mt)            | NAGFM00 | NA     | NANA   | NAGFM01 | 538.970    | +3.250 | NAGFM02                 | 531.720 | +3.250 |
| Gasoline 95 unleaded       | AFUIM00 | NA     | NANA   | AFUIM01 | 73.320     | +0.320 | AFUIM02                 | 72.540  | +0.290 |
| Gasoline 92 unleaded       | RAGFM00 | NA     | NANA   | RAGFM01 | 71.620     | +0.320 | RAGFM02                 | 70.740  | +0.290 |
| Kerosene                   | AFUAM00 | 78.130 | +0.120 | AFUAM01 | 77.750     | +0.230 | AFUAM02                 | 77.410  | +0.340 |
| Gasoil                     | AFUJM00 | 79.130 | +0.280 | AFUJM01 | 78.620     | +0.210 | AFUJM02                 | 77.990  | +0.220 |
| HSF0 180 CST**             | AADZB00 | NA     | NANA   | AADZM01 | 417.500    | +3.500 | AADZM02                 | 411.250 | +3.500 |
| HSFO 380 CST               | AFURM00 | NA     | NANA   | AFURM01 | 411.000    | +4.250 | AFURM02                 | 407.500 | +4.500 |

<sup>\*</sup>Balance month swaps are assessed from the 1st to 10th of the month. \*\*At 1730 Singapore time.

"PMI has bought many cargoes, assuming they are buying some insurance to prevent possible US disruption of supply," a trader said.

Brokers pegged the front-month FOB Singapore 92 RON gasoline swaps crack spread against Brent swaps in the \$8.65-\$8.70/b range at 0300 GMT on April 22, up from the Platts assessment of \$8.33/b at the April 21 Asian close.

Broking sources also placed the physical FOB Singapore 92 RON gasoline crack spread against the front-month ICE Brent crude oil futures in the \$8.90-\$8.95/b range at 0300 GMT on April 22, up

### Weekly Fujairah oil product stocks

Code ('000 barrels) Change

Apr 14 (PGA page 2022)

| Light distillates              | FUJLD04 | 8461  | -695  |  |
|--------------------------------|---------|-------|-------|--|
| Middle distillates             | FUJMD04 | 2647  | +87   |  |
| Heavy distillates and residues | FUJHD04 | 11002 | -2283 |  |

Source: FEDCom, S&P Global Commodity Insights

<sup>\*\*</sup>FOB Fujairah Marine Fuel 0.5% outright prices are derived by adding the MOPFUJ strip and the MF 0.5% Fujairah premiums/discounts.

<sup>\*\*\*</sup>Assessed Wednesdays 4.30pm Singapore time (PGA and PRF page 2527).

### Asia products

|                                 | Code            |                    | Mid       | Change | Code     |                 | Mid     | Change |
|---------------------------------|-----------------|--------------------|-----------|--------|----------|-----------------|---------|--------|
| Japan physical oil assessment   | s (PGA page 200 | 6)                 |           |        |          |                 |         |        |
|                                 | <u>(</u>        | C+F Japan (\$/mt)  |           |        | <u>P</u> | remium/Discount |         |        |
| Naphtha (min 70%)               | NCJCA00         |                    | 576.000   | +3.500 | NCJCB00  |                 | 9.500   | +0.250 |
| Naphtha                         | PAAAD00         | 573.25-578.75      | 576.000   | +3.500 | PAADI00  | 9.25/9.75       | 9.500   | +0.250 |
| Nph 1st 1/2 Jun                 | PAAAE00         | 582.25-582.75      | 582.500   | +4.500 |          |                 |         |        |
| Nph 2nd 1/2 Jun                 | PAAAF00         | 578.25-578.75      | 578.500   | +4.000 |          |                 |         |        |
| Nph 1st 1/2 Jul                 | PAAAG00         | 573.25-573.75      | 573.500   | +3.000 |          |                 |         |        |
| Naphtha MOPJ Strip              | AAXFH00         | 561.25-561.75      | 561.500   | +3.370 | AAXFI00  | 14.25/14.75     | 14.500  | +0.120 |
|                                 | <u>C</u> +      | F Japan (\$/barre  | <u>l)</u> |        | <u>P</u> | remium/Discount |         |        |
| Gasoline 91-92 unleaded         | PGACW00         | 78.29-78.33        | 78.310    | +0.310 |          |                 |         |        |
| Gasoline 95 unleaded            | PGAQQ00         | 79.59-79.63        | 79.610    | +0.310 |          |                 |         |        |
| Kerosene                        | PJAAN00         | 81.40-81.44        | 81.420    | +0.110 | PAADK00  | 1.01/1.05       | 1.030   | -0.100 |
|                                 | FC              | B Japan (\$/barre  | L)        |        | P        | remium/Discount |         |        |
| Gasoil                          | POJAP00         |                    | 80.980    | +0.190 | POJBP00  |                 | -0.450  | 0.000  |
| South Korea physical oil assess | sments (PGA na  | ge 2008)           |           |        |          |                 |         |        |
|                                 |                 | C+F Korea (\$/mt)  |           |        |          | remium/Discount |         |        |
| Naphtha                         | -               | 581.75-582.25      | 582.000   | +3.000 | PAADG00  | 5.75/6.25       | 6.000   | -0.500 |
| Парпина                         |                 |                    |           | T3.000 |          |                 | 0.000   | -0.000 |
|                                 | <u>C+</u>       | FF East Asia (\$/m |           |        | <u>P</u> | remium/Discount |         |        |
| Naphtha**                       | CFRCT00         |                    | 569.250   | +3.500 | CFRCD00  |                 | -6.750  | 0.000  |
|                                 | FC              | B Korea (\$/barre  | <u>l)</u> |        | <u>P</u> | remium/Discount |         |        |
| Gasoline 95 unleaded            | PGAQ000         | 76.52-76.56        | 76.540    | +0.240 |          |                 |         |        |
| Jet                             | PJADG00         | 79.97-80.01        | 79.990    | +0.110 | PJADI00  | -0.42/-0.38     | -0.400  | -0.100 |
| Gasoil                          | POAIE00         | 81.06-81.10        | 81.080    | +0.190 | POAIG00  | -0.37/-0.33     | -0.350  | 0.000  |
| Bitumen Pen 60-80 (\$/mt)       | BTKRA00         |                    | 385.000   | 0.000  | BTKRB00* |                 | -38,630 | -2.910 |

#### Mean of Platts West India netbacks (PGA page 2012)

|                       | I OD IIIdio   | ι (φ/111τ)      |        | <u>ι ου παια (φ</u> | / Darrety |        |
|-----------------------|---------------|-----------------|--------|---------------------|-----------|--------|
| Naphtha               | AAQWK00       | 547.200         | +3.290 | AAQWJ00             | 60.800    | +0.370 |
| Gasoline (92 RON)     | AARBQ00       | 624.840         | +2.530 | AARBP00             | 73.510    | +0.300 |
| Gasoline (95 RON)     | AAQWI00       | 635.890         | +2.530 | AAQWH00             | 74.810    | +0.300 |
| Jet kero              | AAQWM00       | 620.010         | +2.020 | AAQWL00             | 78.480    | +0.250 |
| Gasoil 10 ppm         | AAQWO00       | 591.610         | +1.310 | AAQWN00             | 79.410    | +0.180 |
| Gasoil 500 ppm        | AAQWQ00       | 580.510         | +1.240 | AAQWP00             | 77.920    | +0.170 |
| Gasoil 2500 ppm       | AAQWS00       | 577.600         | +1.230 | AAQWR00             | 77.530    | +0.170 |
| India (PGA page 2524) | CFR West Coas | t India (\$/mt) |        |                     |           |        |
| Bitumen VG30          | BCVIA00       | 405.000         | 0.000  |                     |           |        |
| Bitumen VG40          | BCVIB00       | 415.000         | 0.000  |                     |           |        |
|                       | CFR East Coas | t India (\$/mt) |        |                     |           |        |
| Bitumen VG30          | BCVIC00       | 445.000         | 0.000  |                     |           |        |
| Bitumen VG40          | BCVID00       | 455.000         | 0.000  |                     |           |        |
|                       |               |                 |        |                     |           |        |

FOB India (\$/barrel)

from the Platts assessment of 8.64/b at the April 21 Asian close.

India's Reliance has undertaken maintenance at a crude unit and some secondary units at the Jamnagar complex, S&P Global Commodity Insights previously reported.

The maintenance started in the first half of April and will last three weeks. It is not expected to affect overall output levels at the integrated Jamnagar complex, which consists of domestic and export sites.

India's Nayara was heard selling 60,000 mt of 92 RON non-oxy gasoline for May 12-16 loading at a premium of \$1.25-\$1.50/b to the May average of Mean of Platts Singapore 92 RON gasoline assessments, FOB, Commodity Insights previously reported.

Platts is part of S&P Global Commodity Insights.

## Platts Singapore Gasoline Rationales & Exclusions

Gasoline Unl 92 FOB Spore Cargo <PGAEY00> assessment rationale: The FOB Singapore 92 RON gasoline assessment April 22 took into consideration a trade for a cargo loading over May 15-19 at \$75.80/b.

Gasoline Unl 95 FOB Spore Cargo < PGAEZOO> assessment rationale: The FOB Singapore 95 RON gasoline assessment April 22 took into consideration the previous day's 95/92 inter-RON spread in the absence of demonstrable bids, offers, and trades.

Gasoline Unl 97 FOB Spore Cargo < PGAMS00 > assessment rationale: The FOB Singapore 97 RON gasoline assessment April 22 took into consideration the previous day's 97/95 inter-RON spread in the absence of bids, offers, and trades.

Gasoline Unl 92 FOB Arab Gulf Cargo <AAGJA00> assessment rationale: The FOB Arab Gulf 92 RON gasoline cargo assessment was derived as a freight netback from the FOB Singapore 92 RON marker using the following calculation: FOB Singapore 92 RON assessment minus the cost of transporting a 35,000-

FOB India (\$/mt)

### Asia products

|   | Code  |                    | Mid                    | Change | Code | Mid | Change |
|---|---|--------------------|------------------------|--------|------|-----|--------|
| Australia (PGA page 2014)   |   |                    |                        |        |      |     |        |
|   | C+F   | Australia (\$/barr | <u>el)</u>             |        |      |     |        |
| Gasoline 92   | AACZF00   | 79.77-79.81        | 79.790                 | +0.310 |      |     |        |
| Gasoline 95   | AACZH00   | 81.07-81.11        | 81.090                 | +0.310 |      |     |        |
| 1.1   | AAFIY00   | 85.22-85.26        | 85.240                 | +0.270 |      |     |        |
| Jet   | AAFITOO   | 00.22 00.20        |                        |        |      |     |        |
| Jet<br>Gasoil 10 ppm  | AAQUD00   | 86.55-86.59        | 86.570                 | +0.190 |      |     |        |
| Gasoil 10 ppm   | AAQUD00<br>and 2412)                            |                    |                        | +0.190 |      |     |        |
| Gasoil 10 ppm<br>South Africa (PGA pages 2342                     | AAQUD00<br>and 2412)                            | 86.55-86.59        |                        | +0.190 |      |     |        |
| Gasoil 10 ppm  South Africa (PGA pages 2342  Gasoline 95 unleaded | AAQUD000 and 2412)                              | 86.55-86.59        | rrel)                  |        |      |     |        |
|   | AAQUD00<br>and 2412)<br><u>CFR S</u><br>AAQWW00 | 86.55-86.59        | <u>rrel)</u><br>81.481 | +0.236 |      |     |        |

|              |         | AG-Spore | 9       | Spore-Japan |         | AG-Japan | Spo     | re-Australia |
|--------------|---------|----------|---------|-------------|---------|----------|---------|--------------|
| Naphtha      |         | •        | AAPOF00 | 20.95*      | AAPOG00 | 36.73*   | •       |              |
| Naphtha-LR2  |         |          |         |             | AAPOH00 | 30.84*   |         |              |
| Gasoline     | AAPOC00 | 3.01     | AAPOD00 | 2.46        |         |          | AAPOE00 | 3.94         |
| Kerosene     | AAPOI00 | 2.72     |         |             |         |          | AAPOJ00 | 4.24         |
| Gasoil       | AAPOL00 | 2.88     |         |             |         |          | AAPOM00 | 4.49         |
| HSFO 180 CST | AAP0000 | 20.85*   | AAPOP00 | 17.61*      |         |          |         |              |

All values in \$/barrel, except \* values in \$/mt.

HSFO 380 CST

### South China/Hong Kong physical oil assessments (PGA page 2010)

AAPOQ00

20.85\*

|                      | Sc       | outh China (\$/mt) |               |        | <u>Premiur</u> | Premium/Discount to MOPS (\$/barrel) |       |        |  |  |
|----------------------|----------|--------------------|---------------|--------|----------------|--------------------------------------|-------|--------|--|--|
| Gasoline 92 unleaded | AAICW00  | 643.50-647.50      | 645.500       | +2.500 |                |                                      |       |        |  |  |
| Jet/kero             | PJABQ00  | 644.50-648.50      | 646.500       | +0.750 | AAWTW00        | 1.44/1.48                            | 1.460 | -0.100 |  |  |
| Gasoil               | POAFA00  | 613.00-617.00      | 615.000       | +1.250 | AABJZ00        | 1.11/1.15                            | 1.130 | 0.000  |  |  |
|                      | Hong Kor | ng bunker grades ( | <u>\$/mt)</u> |        |                |                                      |       |        |  |  |
| HSF0 380 CST         | PUAER00  | 463.50-464.50      | 464.000       | +4.000 |                |                                      |       |        |  |  |

 $<sup>^*\</sup>text{C+F}$  Hong Kong,  $^*\text{Darrel}$  premium/discount to Mean of Platts Singapore.

## Marine Fuel (PGA page 30)

|         | \$/mt  | Change   | vs FO 380 MOPS strip  | Change  |  |  |
|---------|--|--|---|---|--|--|
| AMFSA00 | 481.890  | +3.870   | <b>AMOPA00</b> 58.260   | +0.960  |  |  |
| AMFFA00 | 480.900  | +4.870   |   |   |  |  |
| PUMFD00 | 442.250  | +6.500   |   |   |  |  |
| AUGMB00 | 450.250  | +7.500   |   |   |  |  |
| AUAMB00 | 464.500  | +6.500   |   |   |  |  |
| MFFMM00 | 437.000  | +3.500   |   |   |  |  |
| MFCMM00 | 453.250  | +3.500   |   |   |  |  |
|         | \$/barrel  | Change   |   |   |  |  |
| AUGMA00 | 70.910   | +1.190   |   |   |  |  |
| AUAMA00 | 73.150   | +1.020   |   |   |  |  |
|         | AMFFA00<br>PUMFD00<br>AUGMB00<br>AUAMB00<br>MFFMM00<br>MFCMM00 | AMFSA00 481.890 AMFFA00 480.900 PUMFD00 442.250 AUGMB00 450.250 AUAMB00 464.500 MFFMM00 437.000 MFCMM00 453.250 \$/barrel AUGMA00 70.910 | AMFSA00         481.890         +3.870           AMFFA00         480.900         +4.870           PUMFD00         442.250         +6.500           AUGMB00         450.250         +7.500           AUAMB00         464.500         +6.500           MFFMM00         437.000         +3.500           MFCMM00         453.250         +3.500           \$/barrel         Change           AUGMA00         70.910         +1.190 | AMFSA00     481.890     +3.870     AMOPA00     58.260       AMFFA00     480.900     +4.870       PUMFD00     442.250     +6.500       AUGMB00     450.250     +7.500       AUAMB00     464.500     +6.500       MFFMM00     437.000     +3.500       MFCMM00     453.250     +3.500       */barrel     Change       AUGMA00     70.910     +1.190 | AMFSA00 481.890 +3.870 AMOPA00 58.260 +0.960  AMFFA00 480.900 +4.870  PUMFD00 442.250 +6.500  AUGMB00 450.250 +7.500  AUAMB00 464.500 +6.500  MFFMM00 437.000 +3.500  MFCMM00 453.250 +3.500  S/barrel Change  AUGMA00 70.910 +1.190 | AMFSA00 481.890 +3.870 AMOPA00 58.260 +0.960  AMFFA00 480.900 +4.870  PUMFD00 442.250 +6.500  AUGMB00 450.250 +7.500  AUAMB00 464.500 +6.500  MFFMM00 437.000 +3.500  MFCMM00 453.250 +3.500  S/barrel Change  AUGMA00 70.910 +1.190 |

### Renewable fuels (PGA pages 1414, 483 and 2414)

|                                    |         |          | Change  |
|------------------------------------|---------|----------|---------|
| Northwest Europe (\$/mt)           |         |          |         |
| SAF (H-S) cost of production       | BJNWA00 | 1973.957 | -5.435  |
| SAF (H-S) CIF NWE                  | MIRWD00 | 1770.000 | 0.000   |
| SAF (H-S) CIF NWE premium          | MIRWF00 | 1062.500 | -2.750  |
| SAF (H-S) FOB FARAG                | SUAEA00 | 1788.50  | 0.00    |
| SAF (H-S) FOB FARAG premium        | SUAEB00 | 1080.00  | -1.75   |
| RD cost of production              | HVNWA00 | 1889.083 | -3.872  |
| USWC cost of production (\$/mt)    |         |          |         |
| SAF (H-S) w/ credits               | ASAFA00 | 2005.799 | -0.140  |
| SAF (H-S) w/o credits              | ASAFB00 | 1112.194 | +4.794  |
| RD w/ credits                      | ARDFA00 | 1890.674 | -0.044  |
| RD w/o credits                     | ARDFB00 | 1095.936 | +5.258  |
| USWC cost of production (\$/b)     |         |          |         |
| SAF (H-S) w/ credits               | ASAFE00 | 247.775  | -0.017  |
| SAF (H-S) w/o credits              | ASAFF00 | 137.389  | +0.592  |
| RD w/ credits                      | ARDFE00 | 234.243  | -0.005  |
| RD w/o credits                     | ARDFF00 | 135.780  | +0.652  |
| USWC cost of production (¢/gal)    |         |          |         |
| SAF (H-S) w/ credits               | ASAFI00 | 589.941  | -0.041  |
| SAF (H-S) w/o credits              | ASAFJ00 | 327.116  | +1.410  |
| RD w/ credits                      | ARDFI00 | 557.721  | -0.013  |
| RD w/o credits                     | ARDFJ00 | 323.285  | +1.551  |
| Americas market-based assessment ( | (¢/gal) |          |         |
| SAF CA                             | SAFDA00 | 676.990  | +1.220  |
| SAF CA vs Jet LA                   | SAFDB00 | 465.130  | 0.000   |
| SAF IL                             | SAFDD00 | 819.250  | +3.970  |
| SAF IL vs Jet Chicago              | SAFDE00 | 624.390  | 0.000   |
| ATF 30/70 CA                       | SAFDF00 | 501.860  | +1.220  |
| ATF 30/30 IL                       | SAFDG00 | 532.640  | +3.970  |
| Asia (\$/mt)                       |         |          |         |
| SAF (H-S) FOB Straits              | SFSMR00 | 1648.00  | 0.00    |
| SAF cost of production (H-S, UCO)  | ASFAC00 | 1943.430 | -0.520  |
| SAF cost of production (H-S, PFAD) | ASFAA00 | 1782.890 | -14.350 |
| RD cost of production (UCO)        | HVNAA00 | 1777.320 | -0.270  |
| RD cost of production (PFAD)       | HVSAB00 | 1631.510 | -12.420 |
|                                    |         |          |         |

### Jet Index (PGA page 115)

|                |         | Index  |         | \$/barrel |  |
|----------------|---------|--------|---------|-----------|--|
| Asia & Oceania | PJAS000 | 232.04 | PJAS008 | 81.21     |  |
| Middle East    | PJMEA00 | 235.17 | PJMEA08 | 78.76     |  |
| Global         | PJGL000 | 231.69 | PJGL008 | 84.76     |  |

### Foreign exchange rates (PGA page 2160)

| AAWFX00 | 140.380  | -0.300  |  |
|---------|--|---|--|
| AAWFU00 | 1.1509   | -0.0035   |  |
| AAWFZ00 | 1.3058   | +0.0036   |  |
| AAWGA00 | 4.3820   | +0.0115   |  |
| AAWFY00 | 7.7572   | -0.0035   |  |
| AAWFT00 | 0.6421   | -0.0006   |  |
| AAFGW00 | 85.1166  | +0.0419   |  |
| AAWFW00 | 7.2074   | +0.0019   |  |
|         | AAWFU00<br>AAWFZ00<br>AAWGA00<br>AAWFY00<br>AAWFT00<br>AAFGW00 | AAWFU00 1.1509<br>AAWF200 1.3058<br>AAWGA00 4.3820<br>AAWFY00 7.7572<br>AAWFT00 0.6421<br>AAFGW00 85.1166 | AAWFU00         1.1509         -0.0035           AAWF200         1.3058         +0.0036           AAWGA00         4.3820         +0.0115           AAWFY00         7.7572         -0.0035           AAWFT00         0.6421         -0.0006           AAFGW00         85.1166         +0.0419 |

<sup>\*</sup>Source: Bank of China

mt clean cargo from a basket of ports in the Persian Gulf to Singapore.

Exclusions: No data was excluded from the Asian gasoline Market on Close assessment process April 22.

## Platts FOB Fujairah Gasoline Daily Rationale & Exclusions

Gasoline 92 RON FOB Fujairah cargo <RFJFS00> assessment rationale: The assessment of FOB Fujairah 92 RON gasoline April 22 took into consideration the 92 RON gasoline Mean of Platts Arab Gulf strip value of \$71.43/b, as well as the cash differential for Fujairah 92 RON gasoline at \$3.95/b in the absence of bids, offers and trades in the FOB Fujairah 92 RON gasoline Platts Market on Close assessment process.

The MOPAG 92 RON gasoline strip was calculated from the front month May MOPAG 92 RON gasoline swap at \$71.62/b and the June MOPAG 92 RON gasoline swap at \$70.74/b. The cash differential took into consideration values in the FOB Fujairah 92 RON gasoline market heard in the Middle East.

Gasoline 95 RON FOB Fujairah cargo <AFUJA00> assessment rationale: The assessment of FOB Fujairah 95 RON gasoline April 22 took into consideration the 95 RON gasoline MOPAG strip value of \$73.15/b, as well as the cash differential for Fujairah 95 RON gasoline at \$4.35/b in the absence of bids, offers and trades in the FOB Fujairah 95 RON gasoline MOC.

The MOPAG 95 RON gasoline strip was calculated from the front month May MOPAG 95 RON gasoline swap at \$73.32/b and the June MOPAG 95 RON gasoline swap at \$72.54/b. The cash differential took into consideration values in the FOB Fujairah 95 RON gasoline market heard in the Middle East.

Platts is part of S&P Global Commodity Insights. Exclusions: No data was excluded from the Asian gasoline MOC on April 22.

### Marine Fuel 0.5% Derivatives, Apr 22

|                                   |         | Balance*<br>Apr<br>\$/mt | Change |         | Month 1<br>May<br>\$/mt | Change |         | Month 2<br>Jun<br>\$/mt | Change |
|-----------------------------------|---------|--------------------------|--------|---------|-------------------------|--------|---------|-------------------------|--------|
| 0.5% FOB Singapore cargo          | F0FS000 | 481.500                  | +3.550 | F0FS001 | 477.050                 | +3.100 | F0FS002 | 472.700                 | +3.200 |
| 0.5% FOB Fujairah cargo           | FOFF000 | NA                       | NANA   | F0FF001 | 477.750                 | +4.000 | F0FF002 | 473.750                 | +4.000 |
| 0.5% FOB Rotterdam barge          | AMRAB00 | NA                       | NANA   | AMRAM01 | 439.500                 | +4.250 | AMRAM02 | 437.500                 | +4.250 |
| 0.5% vs. 3.5% FOB Rotterdam barge | AMRBB00 | NA                       | NANA   | AMRBM01 | 28.750                  | -2.250 | AMRBM02 | 31.750                  | -2.250 |
|                                   |         | \$/barrel                |        |         | \$/barrel               |        |         | \$/barrel               |        |
| 0.5% FOB US Gulf Coast barge      | AMARB00 | NA                       | NANA   | AMARM01 | 71.100                  | +1.050 | AMARM02 | 70.850                  | +1.100 |
| 0.5% vs US Gulf Coast HSFO barge  | AUSBB00 | NA                       | NANA   | AUSBM01 | 9.950                   | -0.550 | AUSBM02 | 10.250                  | -0.400 |

<sup>\*</sup>Balance month swaps are assessed from the 1st through the 20th of the month; Asia swaps are assessed through the 14th of February.

### Weekly base oils assessments, Apr 16 (PGA and PRF page 2529) (\$/mt)

|                      |         | Mid     | Change |
|----------------------|---------|---------|--------|
| FOB Asia             |         |         |        |
| Group I SN150        | PLAAA00 | 655.00  | 0.00   |
| Group I SN500        | PLAAD00 | 915.00  | +10.00 |
| Group I Bright Stock | PLAAG00 | 1230.00 | +10.00 |
| Group II 150N        | PLBAI00 | 730.00  | -10.00 |
| Group II 500N        | PLBAJ00 | 980.00  | -5.00  |
| FOB South Korea      |         |         |        |
| Group III 4CST       | PLBA000 | 1135.00 | +15.00 |
| Group III 6CST       | PLBAP00 | 1165.00 | +15.00 |
| Group III 8CST       | PLBAQ00 | 1005.00 | 0.00   |
| CFR Northeast Asia   |         |         |        |
| Group I SN150        | PLBAA00 | 725.00  | 0.00   |
| Group I SN500        | PLBAB00 | 985.00  | +10.00 |
| Group I Bright Stock | PLBAC00 | 1305.00 | +10.00 |
| Group II 150N        | PLBAK00 | 755.00  | -10.00 |
| Group II 500N        | PLBAL00 | 1005.00 | -5.00  |
| CFR India            |         |         |        |
| Group I SN150        | PLBAD00 | 725.00  | +10.00 |
| Group I SN500        | PLBAE00 | 940.00  | 0.00   |
| Group I Bright Stock | PLBAF00 | 1290.00 | +5.00  |
| Group II 150N        | PLBAM00 | 775.00  | -10.00 |
| Group II 500N        | PLBAN00 | 1015.00 | -5.00  |
| Group III 4CST       | PLBAR00 | 1025.00 | 0.00   |
| Group III 6CST       | PLBAS00 | 1045.00 | 0.00   |
| Group III 8CST       | PLBAT00 | 975.00  | -5.00  |
| CFR UAE              |         |         |        |
| Group I SN150        | PLBAG00 | 810.00  | 0.00   |
| Group I SN500        | PLBAH00 | 970.00  | -20.00 |
| Ex-tank UAE          |         |         |        |
| Group III 4CST       | PLBAU00 | 1035.00 | 0.00   |
| Group III 6CST       | PLBAV00 | 1090.00 | 0.00   |
| Group III 8CST       | PLBAW00 | 1070.00 | -5.00  |

# Platts FOB Fujairah Gasoline Bids, Offers, Trades

Bids: No bids Offers: No offers Trades: No trades

This assessment commentary applies to the following market data codes: Gasoline 92 RON FOB Fujairah Cargo <RFJFS00> and Gasoline 95 RON FOB Fujairah Cargo <AFUJA00>

### Platts Asia and Middle Eastern Naphtha Daily Market Analysis

- Lotte Chemical Indonesia seeks naphtha for H1 June delivery
- South Korea's LG Chem seeks naphtha for May and June delivery

The Asian naphtha complex saw increased trading activities in the spot market April 22 and award levels from India's IOC and QatarEnergy from late last week emerged.

Brokers pegged the front-month May-June swap time spread at \$7.25/mt on April 22 during mid-afternoon trade, steady from the previous Asian close.

The CFR Japan naphtha physical crack against front-month ICE Brent crude futures stood at \$70.75/mt at the April 21 Asian close, down \$2.42/mt day over day.

In South Korea, Lotte Chemical purchased a 25,000-mt cargo of open specification naphtha with a minimum of 65% paraffin content for the first half of June delivery to Yeosu at a premium of around \$2/mt to the Mean of Platts Japan naphtha assessments, CFR, with pricing over 45 days prior to delivery. The tender closed April 21, with same-day validity.

Lotte Chemical's Daesan-based cracker is currently shut for planned maintenance until June 16, which

### Carbon Intensity (PGA page 4207)

|                                     | Daily Carbon Int | ensity Premium | Monthly Carbon Intensity |        |            |  |  |
|-------------------------------------|------------------|----------------|--------------------------|--------|------------|--|--|
| Asia                                |                  | \$/bbl         |                          | Date   | kgCO2e/bbl |  |  |
| Gasoline Unl 92 FOB Singapore Cargo | ALCEJ00          | 0.746          | ALCEI00                  | Mar-25 | 48.16      |  |  |
| Jet Kero FOB Singapore Cargo        | ALCEL00          | 0.293          | ALCEK00                  | Mar-25 | 18.93      |  |  |
| Gasoil 10ppm FOB Singapore Cargo    | ALCEH00          | 0.442          | ALCEG00                  | Mar-25 | 28.54      |  |  |
| United States Gulf Coast            |                  | ¢/gal          |                          | Date   | kgCO2e/gal |  |  |
| Gasoline CBOB USGC Prompt Pipeline  | ALCEN00          | 1.581          | ALCEM00                  | Mar-25 | 1.02       |  |  |
| Jet Kero 54 USGC Prompt Pipeline    | ALCEP00          | 0.744          | ALCE000                  | Mar-25 | 0.48       |  |  |
| ULSD USGC Prompt Pipeline           | ALCER00          | 0.961          | ALCEQ00                  | Mar-25 | 0.62       |  |  |
| Northwest Europe                    |                  | \$/mt          |                          | Date   | kgCO2e/mt  |  |  |
| Gasoline Eurobob (E5) FOB NWE Barge | ALCEB00          | 5.832          | ALCEA00                  | Mar-25 | 376.28     |  |  |
| Jet FOB NWE Barge                   | ALCED00          | 2.656          | ALCEC00                  | Mar-25 | 171.36     |  |  |
| ULSD 10ppm FOB NWE Barge            | ALCEF00          | 2.993          | ALCEE00                  | Mar-25 | 193.12     |  |  |

will limit their total naphtha demand for the H1 June delivery trading cycle.

According to several sources, the award level for Lotte Chemical was cheaper than market expectations. Market participants attributed the lower premiums to likely lower Chinese demand as the anticipated demand is capped by the Chinese quota.

In China, Wanhua Chemical bought 80,000 mt of naphtha with a minimum of 65% paraffin content for delivery over May 25-June 4 and June 1-10 to Yantai. The cargo for delivery over May 25-June 4 was awarded at a premium of around \$15/mt to MOPJ naphtha assessments, CFR, with pricing over April 22-30 prior to delivery. The cargo for June 1-10 delivery was awarded at a premium of around \$13/mt to MOPJ naphtha assessments, CFR, with pricing over H1 May prior to delivery. The tender closed April 21, with same-day validity.

In new tenders, Lotte Chemical Indonesia was heard seeking either 25,000 mt or 32,000 mt of open-specification naphtha cargoes with a minimum of 70% paraffin content for H1 June delivery to Merak. The tender closed April 22, with same-day validity.

South Korea's LG Chemical issued a tender seeking

#### Carbon credits (PGA page 496)

|                 |                 |         | onange |  |
|-----------------|-----------------|---------|--------|--|
| Platts CEC      |                 |         |        |  |
| \$/mtCO2e       | PCECA00         | 21.000  | 0.000  |  |
| Jet Fuel Carbon | Offset Premiums |         |        |  |
| \$/b            | AJFCA00         | 101.027 | 0.000  |  |
|                 |                 |         |        |  |

Change

one 25,000-mt cargo for each delivery period of May 27-June 8 and June 1-15. The tender closed April 22, with same-day validity.

The award levels of IOC and QatarEnergy also emerged late last week. India's IOC sold a total of 105,000 mt of naphtha for May and June loading from Chennai with loading periods of May 14-15, May 23-24 and June 1-2 at a premium in the \$30s/mt to the average of Platts and Petroleum Argus Arab Gulf naphtha assessments, FOB. The cargoes were of 35,000 mt for each loading period and the tender closed April 16, with same-day validity.

QatarEnergy sold 75,000 mt of naphtha for loading over May 1-5 from Ras Laffan, comprising of 50,000 mt of full-range naphtha and 25,000 mt of light naphtha, at a premium of around \$27/mt to the Mean of Platts Arab Gulf naphtha assessments, FOB, pricing 20 days

## European products (\$/mt)

| Maditarya (DOA and 4111)             | Code        |                              | Mid     | Change  | Code    |                     | Mid     | Change   | Code       | Mid       | Change   |
|--------------------------------------|-------------|------------------------------|---------|---------|---------|---------------------|---------|----------|------------|-----------|----------|
| Mediterranean (PGA page 1114)        |             | FOB (Italy)                  |         |         |         | CIF (Genova/Lavera) | ١       |          |            | MOPL Diff |          |
| D 11.140                             |             |                              | 070 500 |         | -       |                     | -       | . 40 000 |            | MOPL DITI |          |
| Prem Unl 10ppm                       | AAWZA00     | 670.25-670.75                |         | +13.750 | AAWZB00 | 683.50-684.00       |         | +13.000  |            |           |          |
| Naphtha                              | PAAAI00     | 529.75-530.25                | 530.000 |         | PAAAH00 | 547.50-548.00       | 547.750 | +7.750   |            |           |          |
| Jet aviation fuel                    | AAIDL00     | 655.50-656.00                | 655.750 |         |         |                     |         |          |            |           |          |
| Gasoil 0.1%                          | AAVJI00     | 616.50-617.00                | 616.750 |         | AAVJJ00 | 629.25-629.75       | 629.500 |          | AMOPI00    |           | +0.420   |
| 10ppm ULSD                           | AAWYY00     | 623.25-623.75                | 623.500 |         | AAWYZ00 | 637.00-637.50       | 637.250 |          | AMOPN00    | 1.16      | +1.400   |
| 1%                                   | PUAAK00     | 409.75-410.25                |         | +13.250 | PUAAJ00 | 428.50-429.00       |         | +13.250  |            |           |          |
| 3.5%                                 | PUAAZ00     | 404.75-405.25                | 405.000 | +5.250  | PUAAY00 | 423.00-423.50       | 423.250 | +5.250   |            |           |          |
| Northwest Europe cargoes (PGA page 1 | 110)        |                              |         |         |         |                     |         |          |            |           |          |
|                                      |             | CIF (Basis ARA)              |         |         |         | FOB NWE             |         |          |            | MOPL Diff |          |
| Gasoline 10ppm                       | AAXFQ00     | 728.50-729.00                | 728.750 | +13.750 |         |                     |         |          |            |           |          |
| Naphtha Swap                         | PAAAJ00     | 553.75-554.25                | 554.000 | +8.500  |         |                     |         |          |            |           |          |
| Naphtha Phy                          | PAAAL00     | 560.25-560.75                | 560.500 | +7.250  |         |                     |         |          |            |           |          |
| Jet                                  | PJAAU00     | 682.50-683.00                | 682.750 | +4.250  | PJAAV00 | 667.00-667.50       | 667.250 | +4.750   | AMOPJ00    | 5.49      | +1.550   |
| Ultra low sulfur diesel 10ppm        | AAVBG00     | 637.75-638.25                | 638.000 | +3.250  | AAVBF00 | 627.50-628.00       | 627.750 | +3.500   | AMOPL00    | 1.40      | +0.010   |
| Gasoil 0.1%                          | AAYWS00     | 633.50-634.00                | 633.750 | +2.000  | AAYWR00 | 613.50-614.00       | 613.750 | +2.500   | AMOPH00    | 1.93      | -0.870   |
| Diesel 10ppm NWE                     | AAWZC00     | 640.00-640.50                | 640.250 | +3.250  | AAWZD00 | 627.50-628.00       | 627.750 | +3.750   |            |           |          |
| Diesel 10 PPM UK                     | AAVBH00     | 640.75-641.25                | 641.000 | +3.250  |         |                     |         |          | AUKMA00    | 4.398     | +0.009   |
| 1%                                   | PUAAL00     | 430.25-430.75                | 430.500 | +3.000  | PUAAM00 | 411.25-411.75       | 411.500 | +3.000   |            |           |          |
| 3.5%                                 | PUABA00     | 414.50-415.00                | 414.750 | +8.250  | PUABB00 | 397.00-397.50       | 397.250 | +8.250   |            |           |          |
| 0.5-0.7% straight run                |             |                              |         |         | PKABA00 | 482.50-483.50       | 483.000 | +5.250   |            |           |          |
| Low sulfur VGO                       | AAHMZ00     | 558.50-559.50                | 559.000 | +0.250  | AAHMX00 | 544.75-545.75       | 545.250 | +0.250   |            |           |          |
| High sulfur VGO                      | AAHND00     | 555.00-556.00                | 555.500 | +0.250  | AAHNB00 | 541.50-542.50       | 542.000 | +0.250   |            |           |          |
| Northwest Europe barges (PGA pages 1 | 112 & 1380) |                              |         |         |         |                     |         |          |            |           |          |
|                                      |             | FOB Rotterdam                |         |         |         |                     |         |          |            | MOPL Diff |          |
| Eurobob                              | AAQZV00     | 678.50-679.00                | 678.750 | +13.750 |         |                     |         |          |            |           |          |
| E10 Eurobob                          | AGEFA00     | 070.00 070.00                |         | +12.500 |         |                     |         |          |            |           |          |
| Unleaded 98                          | AAKOD00     | 744.25-744.75                |         | +13.750 |         |                     |         |          |            |           |          |
| Premium Unleaded                     | PGABM00     | 689.50-690.00                |         | +13.750 |         |                     |         |          |            |           |          |
| Reformate                            | AAXPM00     | 000.00 000.00                |         | +13.750 |         |                     |         |          |            |           |          |
| MTBE*                                | PHALA00     | 813.75-814.25                |         | +25.750 |         |                     |         |          |            |           |          |
| Naphtha Phy                          | PAAAM00     | 556.25-556.75                |         | +7.250  |         |                     |         |          |            |           |          |
| Jet                                  | PJABA00     | 677.00-677.50                | 677.250 |         |         |                     |         |          | AMOPK00    | -N 9F     | +0.310   |
| Gasoil 50 ppm                        | AAUQC00     | 629.00-629.50                | 629.250 |         |         |                     |         |          |            | 0.00      |          |
| Gasoil 0.1%*                         | AAYWT00     | 614.75-615.25                | 615.000 |         |         |                     |         |          | AMOPG00    | n 73      | 2 -0.520 |
| 10 ppm*                              | AAJUS00     | 630.75-631.25                | 631.000 |         |         |                     |         |          | AMOPM00    |           | -0.240   |
| 1%                                   | PUAAP00     | 418.50-419.00                | 418.750 |         |         |                     |         |          | 71101 1100 | 0.03      | 3.2.10   |
| 3.5%                                 | PUABC00     | 415.50-416.00                | 415.750 |         |         |                     |         |          |            |           |          |
| Fuel Oil 3.5% 500 CST                | PUAGN00     | 409.50-410.00                | 409.750 |         |         |                     |         |          |            |           |          |
| Low sulfur VGO                       | AAHNF00     | 545.25-546.25                |         | +0.250  |         |                     |         |          |            |           |          |
| High sulfur VGO                      | AAHNI00     | 541.75-542.75                | 542.250 |         |         |                     |         |          |            |           |          |
| -                                    | VVIIITAG    | 0-11.70 0 <del>-1</del> 2.70 | 0-2.200 | 10.200  |         |                     |         |          |            |           |          |
| *FOB Amsterdam-Rotterdam-Antwerp     |             |                              |         |         |         |                     |         |          |            |           |          |
| Rotterdam bunker (PGA page 1112)     |             | /47.50 /40.50                | (40.000 |         |         |                     |         |          |            |           |          |
| 380 CST                              | PUAFN00     | 417.50-418.50                | 418.000 | +9.000  |         |                     |         |          |            |           |          |

centered around the bill of lading. The tender closed April 15, with validity until April 16.

Platts is part of S&P Global Commodity Insights.

## Platts Japan Naphtha Daily Rationales & Exclusions

## Naphtha C+F Japan Cargo <PAAAD00> assessment rationale:

The CFR Japan naphtha cargo assessment April 22 took into consideration a bid for second-half June at \$578/mt, alongside an offer for first-half July at \$574/mt, which demonstrated value.

Platts assessed the H1 June-H2 June time spread at \$4/mt and H2 June-H1 July time spread at \$5/mt.

## Naphtha FOB Spore Cargo <PAAAP00> assessment rationale:

The FOB Singapore naphtha assessment was derived as a freight netback from the CFR Japan naphtha first cycle assessment using the following calculation: CFR Japan naphtha first cycle assessment minus the cost of transporting a 30,000-mt clean cargo on the Singapore-to-Japan route.

## Naphtha FOB Arab Gulf Cargo <PAAAA00> assessment rationale:

The FOB Arab Gulf naphtha assessment was derived as a freight netback from the CFR Japan naphtha marker using the following calculation: CFR Japan naphtha marker minus the cost of transporting a 55,000-mt clean cargo from a basket of ports on the Persian Gulf-to-Japan route.

Exclusions: No data was excluded from the April 22 Asian naphtha derivative Market on Close assessment process.

No data was excluded from the April 22 Asian naphtha MOC.

Platts is part of S&P Global Commodity Insights.

### US products (¢/gal) (PGA page 158)

|                          | Code    | •              | Mid     | Change  | Code    |                 | Mid     | Change  |
|--------------------------|---------|----------------|---------|---------|---------|-----------------|---------|---------|
| US West Coast pipeline   |         |                |         |         |         |                 |         |         |
|                          |         | Los Angeles    |         |         |         | San Francisco   |         |         |
| Unleaded 84              | AAUHA00 | 230.91-231.01  | 230.960 | +0.430  | PGADG00 | 251.03-251.13   | 251.080 | +3.520  |
| Premium 90               | PGABG00 | 250.91-251.01  | 250.960 | +0.430  | PGAB000 | 271.03-271.13   | 271.080 | +3.520  |
| CARBOB                   | AAKYJ00 | 233.91-234.01  | 233.960 | +0.430  | AAKYN00 | 254.03-254.13   | 254.080 | +3.520  |
| CARBOB PREM              | AAKYL00 | 253.91-254.01  | 253.960 | +0.430  | AAKYP00 | 274.03-274.13   | 274.080 | +3.520  |
| Jet                      | PJAAP00 | 211.81-211.91  | 211.860 | +1.220  | PJABC00 | 211.81-211.91   | 211.860 | +1.220  |
| ULS (EPA) Diesel         | POAET00 | 214.29-214.39  | 214.340 | -0.270  | POAEY00 | 236.81-236.91   | 236.860 | +3.970  |
| CARB diesel              | POAAK00 | 214.79-214.89  | 214.840 | +0.230  | POAAL00 | 236.81-236.91   | 236.860 | +3.970  |
|                          |         | <u>Seattle</u> |         |         |         | <u>Portland</u> |         |         |
| Unleaded 84              | AAXJE00 | 223.41-223.51  | 223.460 | +10.430 | AAXJC00 | 224.91-225.01   | 224.960 | +10.430 |
| Premium 90               | AAXJF00 | 246.41-246.51  | 246.460 | +10.430 | AAXJD00 | 247.91-248.01   | 247.960 | +10.430 |
| Jet                      | PJABB00 | 211.81-211.91  | 211.860 | +1.220  |         |                 |         |         |
| ULS (EPA) Diesel         | AAUEX00 | 227.66-227.76  | 227.710 | +3.970  | AAUEY00 | 228.81-228.91   | 228.860 | +3.970  |
|                          |         | <u>Phoenix</u> |         |         |         |                 |         |         |
| RBOB unleaded 84         | AADDP00 | 244.91-245.01  | 244.960 | +0.430  |         |                 |         |         |
| RBOB premium 89.5        | PPXDJ00 | 264.91-265.01  | 264.960 | +0.430  |         |                 |         |         |
| Differential to NYMEX    |         |                |         |         |         |                 |         |         |
| CARBOB                   | AANVX00 | 23.95/24.05    | 24.000  | -3.000  |         |                 |         |         |
| Jet Fuel                 | AANVY00 | -3.05/-2.95    | -3.000  | -2.750  |         |                 |         |         |
| ULS (EPA) Diesel         | AANVZ00 | 3.95/4.05      | 4.000   | -3.750  |         |                 |         |         |
| CARB Diesel              | AANWA00 | 4.45/4.55      | 4.500   | -3.250  |         |                 |         |         |
| US West Coast waterborne |         |                |         |         |         |                 |         |         |
|                          |         | Los Angeles    |         |         |         |                 |         |         |
| Unleaded 87              | PGADI00 | 230.91-231.01  | 230.960 | +0.430  |         |                 |         |         |
| Jet                      | PJABI00 | 210.81-210.91  | 210.860 | +1.220  |         |                 |         |         |
|                          |         |                |         |         |         |                 |         |         |

### Platts assessment of futures markets at MOC close (PGA page 703)

#### Singapore 16:30

|                | ICE gasoil                          | ICE gasoil futures (\$/mt) |         |                    | NYMEX RBOB (¢/gal) |     |                       | NYMEX NY ULSD (¢/gal) |  |
|----------------|-------------------------------------|----------------------------|---------|--------------------|--------------------|-----|-----------------------|-----------------------|--|
| May 25*        | AAQYM01                             | 625.75                     | May     | XNRBA01            | 209.19             | May | XNHOA01               | 213.27                |  |
| Jun 25         | AAQYM02                             | 619.00                     | Jun     | XNRBA02            | 208.25             | Jun | XNHOA02               | 209.17                |  |
| Jul 25         | AAQYM03                             | 614.50                     | Jul     | XNRBA03            | 206.23             | Jul | XNHOA03               | 207.80                |  |
| New York 14:30 |                                     |                            |         |                    |                    |     |                       |                       |  |
|                | NYMEX light sweet crude (\$/barrel) |                            | NYMEX F | NYMEX RBOB (¢/gal) |                    |     | NYMEX NY ULSD (¢/gal) |                       |  |
| May            | NYCRM01                             | 64.23                      | May     | NYRBM01            | 210.03             | May | NYHOM01               | 214.90                |  |
| Jun            | NYCRM02                             | 63.69                      | Jun     | NYRBM02            | 209.13             | Jun | NYHOM02               | 210.40                |  |
|                |                                     |                            |         |                    |                    |     |                       |                       |  |

<sup>\*</sup>Balance month swaps are assessed from the 1st to the 15th of the month, and to the 14th of February.

## Asia Pacific and Middle East crude assessments (\$/barrel)

| NW Shelf   61.9  |                | A DI    |         | (Asia MOC)  |                       |         | (Asia MOC)    |        |         | <u>(</u>  | Asia close)  |        |          | (London close   | <u>e)</u> |
|--|----------------|---------|---------|-------------|-----------------------|---------|---------------|--------|---------|-----------|--------------|--------|----------|-----------------|-----------|
| Diff to Data   Diff to Data   Diff to Data   Diff to Data  |                | Gravity | Code    |             | Mid Change            | Code    |               | Mid    | Change  | Code      | Mid          | Change | Code     | Mid             | Change    |
| Ny Sheff   61.9   PCARXEE   63.72 - 63.65   63.74   04.0130   1.014  | Condensate     |         |         |             |                       |         |               |        |         | (P        | GA page 2212 | )      | (        | PGA page 2213)  |           |
| NY Shef   61.9   PCAGXEE   63.72 - 63.66   63.74   0.130   1.170   1 |                |         |         |             |                       |         | Diff to Dubai |        |         | Diff to A | sian Dated   | Brent  |          |                 |           |
| DFC   S6.82   APFCARR   66.60-66.64   66.820   +0.080   ADFCARR   -0.10/0.00   -0.050   -0.050   ADFCARR   -0.120   -0.100   ADFCARR   66.820   +0.080   ADFCARR   -0.35/-0.25   -0.300   -0.050   ADFCARR   -0.120   -0.100   ADFCARR   66.820   +0.520   ADFCARR   -0.520   -0.050   ADFCARR   -0.120   -0.100   ADFCARR   66.820   +0.520   -0.520   ADFCARR   -0.520   -0.050   ADFCARR   -0.120   -0.100   ADFCARR   -0.120   -0.050   ADFCARR   -0.120   -0.100   ADFCARR   -0.120   -0.100   ADFCARR   -0.120   -0.100   ADFCARR   -0.120   -0.050   ADFCARR   -0.120   ADFCA | NW Shelf       | 61.9    | PCAGX00 | 63.72-63.76 | 63.740 +0.130         |         |               |        |         |           |              |        | AAPAH00  | 64.060          | +0.510    |
| AARBORD   G.35-61.9   AARBORD   G.35-61.59   G.37   G.080    | Ichthys FC     | 48.9    | ICFCA00 |             | 68.140 - <b>0.170</b> |         |               |        |         | ICFCB00   | 1.650        | -0.350 |          |                 |           |
| South Pars   57.4   AARAvee   61.55 - 61.59   61.570   +0.080   AARAvee   -5.15/-5.05   -5.100   -0.050   AARAvee   -4.920   -0.100   AARAvee   61.890   +0.520  | DFC            | 56.82   | ADFCA00 | 66.60-66.64 | 66.620 +0.080         | ADFCB00 | -0.10/0.00    | -0.050 | -0.050  | ADFCC00   | 0.130        | -0.100 | ADFCD00  | 66.940          | +0.520    |
| Senipah   S4.4   AABCEEB   G0.37-G0.41   G0.39   Ho.130   STICPBB   Ho.17-3.00   Ho.150   Ho.150   STICPBB   Ho.17-3.00   Ho.150   Ho.150   Ho.17-3.00   H | Qatar LSC      | 56.9    | AARBB00 | 66.35-66.39 | 66.370 +0.080         | AARBD00 | -0.35/-0.25   | -0.300 | -0.050  | AARBC00   | -0.120       | -0.100 | AARBA00  | 66.690          | +0.520    |
| Senipar   54,4   Aarbere   60.37-60.41   60.390   +0.130   SITOPRE   -3.00   -3.050   0.000   SPORER   -6.100   -0.050   SPORER   60.00   -0.050   SPORER   60.710   +0.510   SPORER   60.710   +0.710   SPORER  | South Pars     | 57.4    | AARAV00 | 61.55-61.59 | 61.570 +0.080         | AARAX00 | -5.15/-5.05   | -5.100 | -0.050  | AARAW00   | -4.920       | -0.100 | AARAU00  | 61.890          | +0.520    |
| Senoro   Salar   Sa |                |         |         |             |                       |         | Diff to ICP   |        |         |           |              |        |          |                 |           |
| Diff to ICP  | Senipah        | 54.4    | AAEOE00 | 60.37-60.41 | 60.390 +0.130         | AAEOK00 | -3.10/-3.00   | -3.050 | 0.000   | AAPBE00   | -6.100       | -0.050 | AAPBD00  | 60.710          | +0.510    |
| Diff to ICP  | Senoro         | 59.7    | SFOBI00 |             | 60.490 +0.130         | SIICP00 |               | -3.000 | -0.050  | SF0BS00   | -6.000       | -0.050 | SF0BL00  | 60.810          | +0.710    |
| Cossack   47.7   PCAG209   66.72 - 66.76   66.74   -0.170   719   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.29   +0.180   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.29   +0.180   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.290   +0.180   71.27 - 71.31   71.290   +0.180   71.27 - 71.31   71.290   +0.180   -0.170   -0.170   -0.100   -0.210   - | Light crude    |         |         |             |                       |         |               |        |         | (P        | GA page 2214 | )      | (        | PGA page 2215)  |           |
| Cossack   47.7   PCAG209   66.72 - 66.76   66.74   -0.170   719   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.29   +0.180   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.29   +0.180   71.27 - 71.31   71.29   +0.180   71.27 - 71.51   71.290   +0.180   71.27 - 71.31   71.290   +0.180   71.27 - 71.31   71.290   +0.180   -0.170   -0.170   -0.100   -0.210   - |                |         |         |             |                       |         | Diff to ICP   |        |         | Diff to A | sian Dated   | Brent  |          |                 |           |
| Table   45.2   PCACB86   68.27-68.31   68.290   0.180   PCAFM66   56.17-62.51   62.790   0.180   PCAFM66   0.170   PCAFM66   0.170   PCAFM66   0.170   PCAFM66   0.170   PCAFM66   0.180   PCAFM66   0.190   PCA | Cossack        | 47.7    | PCAGZ00 | 66.72-66.76 | 66.740 -0.170         |         | 2 10.10.      |        |         |           |              |        | AAPAB00  | 67.060          | -0.140    |
| Belida   45.1  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +0.760    |
| Mathematical Nation   Mathematical Nation  |                |         |         |             |                       | PCAFM00 | -1.90/-1.80   | -1.850 | 0.000   |           |              |        |          |                 |           |
| Attaka   42.3   PCAAJ00   62.67-62.71   62.690   +0.180   PCACR00   -1.95/-1.85   -1.900   0.000   AAPBG00   -3.800   0.000   AAPBG00   63.010   +0.210   ACTION    |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | -0.140    |
| Ardjuna 38 PCACQQQ 60.82-60.86 60.840 +0.180 PCACQQQ -2.90/-2.80 -2.850 0.000 AAPBGQQ -5.650 0.000 AAPBGQQ 60.000 AAPBQQQ 66.410 +0.760 AAPBQQQQ -0.400 0.000 AAPBQQQ 66.410 +0.760 AAPBQQQQ -0.400 0.000 AAPBQQQ 66.410 +0.760 AAPBQQQQ -0.400 0.000 AAPBQQQQ -0.400 0.000 AAPBQQQ 66.410 +0.760 AAPBQQQQ -0.400 0.000 AAPBQQQQ -0.400 0.000 AAPBQQQ 66.410 +0.760 AAPBQQQQ -0.400 0.000 AAPBQQQQ -0.400 0.000 AAPBQQQQ -0.400 0.000 AAPBQQQQQ -0.400 0.000 AAPBQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ   |                |         |         |             |                       | PCAAK00 | -1.95/-1.85   | -1.900 | 0.000   |           |              |        |          |                 | +0.210    |
| Sakhalin Blend   45.5   AARBN00   62.30-62.34   62.320   -0.220   AARCN00   -4.40/-4.30   -4.350   -0.350   AARDN00   -4.170   -0.400   AARCN00   62.60-62.54   62.520   +0.130   AASEL00   -4.20/-4.10   -4.150   0.000   AARCN00   -0.570   -0.050   AARCN00   62.800   +0.660   4.20/-4.10   -4.150   0.000   AARCN00   -0.570   -0.050   AARCN00   62.40   +0.570   4.20/-4.10   -4.150   0.000   AARCN00   5.450   0.000   AARCN00   72.260   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.450   0.000   AARCN00   72.260   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.260   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.260   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.260   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.510   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.510   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   72.710   +0.760   4.20/-4.10   -4.150   0.000   AARCN00   5.700   0.000   AARCN00   5.700 |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +0.760    |
| Sakhalin Blend         45.5         AARBN00         62.30-62.34         62.320         -0.220         AARCN00         -4.40/-4.30         -4.350         -0.350         AARDN00         -4.170         -0.400         AAREN00         62.640         -0.330           ESPO M1         34.8         AARWF00         62.50-62.54         62.520         +0.130         AASEU00         -4.20/-4.10         -4.150         0.000         AARW600         -4.010         -0.100         AARW000         62.800         +0.600           ESPO M2         34.8         AAWF600         61.73-61.77         61.750         +0.120         AAWF600         -4.20/-4.10         -4.150         0.000         AAPA000         -0.570         -0.050         AAPA000         62.800         +0.600           Sokol         39.7         AASCN00         65.902         +0.130         AASCK00         -0.80/-0.70         -0.750         0.000         AAPA000         -0.570         -0.050         AAPA000         66.240         +0.570           Kikeh         34.9         AAWH000         71.92-71.96         71.940         +0.180         -0.800         AAPA000         5.450         0.000         AAPA000         72.170         +0.760           Labuan         32.9         PCABL0   | Banyu Urip     | 32      | PCAFQ00 |             | 66.090 +0.180         | PCAQQ00 |               | -0.200 | 0.000   | AAPBU00   | -0.400       | 0.000  | AAPBR00  | 66.410          | +0.760    |
| ESPO M1 34.8 AARWF00 62.50-62.54 62.52 +0.130  |                |         |         |             |                       |         | Diff to Dubai |        |         |           |              |        |          |                 |           |
| ESPO M1 34.8 AARWF00 62.50-62.54 62.52 +0.130  | Sakhalin Blend | 45.5    | AARBN00 | 62.30-62.34 | 62.320 -0.220         | AARCN00 |               | -4.350 | -0.350  | AARDN00   | -4.170       | -0.400 | AAREN00  | 62.640          | -0.330    |
| Sokol   39.7   AASCJØØ   65.90   65.94   65.92   +0.130   AASCKØØ   -0.80/-0.70   -0.750   0.000   AAPAØØØ   -0.570   -0.050   AAPAØØØ   66.240   +0.570   Kikeh   34.9   AAWHØØ   71.92-71.96   71.940   +0.180   AAOZYØØ   5.450   0.000   AAPAØØØ   72.260   +0.760   AAPAØØØ   72.260   +0.760   AAPAØØØ   72.270   40.760   AAPAØØØ   72.270   40.760   AAPAØØØ   72.270   40.760   AAPAØØØ   72.270   40.760   AAPAØØØ   72.510   +0.760   AAPAØØØ   72.770   +0.760   AAPAØØØØ   72.770   +0.760   AAPAØØØØ   72.770   +0.760   AAPAØØØØ   72.770   +0.760   AAPAØØØØØØØØØØØØØØØØØØØØØØØØØØØØØØØØØ  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +0.660    |
| Kikeh         34.9         AAWUH00         71.92-71.96         71.940         +0.180         AAOZY00         5.450         0.000         AAOZX00         72.260         +0.760           Miri Light         32.3         PCABQ00         70.62-70.66         70.640         +0.180         AAPAS00         4.150         0.000         AAPAR00         70.960         +0.760           Labuan         32         PCABL00         72.17-72.21         72.190         +0.180         AAPAQ00         5.700         0.000         AAPAP00         72.510         +0.760           Kimanis         38.6         AASCL00         72.390         +0.180         AASCM00         5.900         0.000         AASCN00         72.710         +0.760           Medium crude           Diff to Asian Dated Brent           Su Tu Den         36.8         AARAR00         69.62-69.66         69.640         +0.180         AAPAR00         3.150         0.000         AAPAQ00         69.960         +0.760           Bach Ho         40.7         PCAHY00         71.27-71.31         71.290         +0.180         AAPAR00         4.800         0.000         AAPAJ00         71.610         +0.760   | ESPO M2        | 34.8    | AAWFE00 | 61.73-61.77 | 61.750 +0.120         | AAWFG00 | -4.20/-4.10   | -4.150 | 0.000   |           |              |        |          |                 |           |
| Miri Light         32.3         PCABQ00         70.62-70.66         70.640         +0.180         AAPAS00         4.150         0.000         AAPAR00         70.960         +0.760         Labuan         32         PCABL00         72.17-72.21         72.190         +0.180         AAPAQ00         5.700         0.000         AAPAP00         72.510         +0.760         AAPAQ00         5.900         0.000         AASCN00         72.710         +0.760         AASCN00         72.710         +0.760         AASCN00         72.710         +0.760         AASCN00         AASCN00         72.710         +0.760         AASCN00         AASCN00         72.710         +0.760         AASCN00         AARAQ00  | Sokol          | 39.7    | AASCJ00 | 65.90-65.94 | 65.920 +0.130         | AASCK00 | -0.80/-0.70   | -0.750 | 0.000   | AAPA000   | -0.570       | -0.050 | AAPAN00  | 66.240          | +0.570    |
| Labuan         32         PCABL00         72.17-72.21         72.190         +0.180         AAPAQ00         5.700         0.000         AAPAQ00         72.510         +0.760         Kimanis         38.6         AASCL00         72.390         +0.180         AASCM00         5.900         0.000         AASCN00         72.710         +0.760         AASCN00         72.710         +0.760         AASCN00         72.710         +0.760         AASCN00         AASCN00         72.710         +0.760         AASCN00         AASCN00         72.710         +0.760         AASCN00         A   | Kikeh          | 34.9    | AAWUH00 | 71.92-71.96 | 71.940 +0.180         |         |               |        |         | AAOZY00   | 5.450        | 0.000  | AA0ZX00  | 72.260          | +0.760    |
| Kimanis         38.6         AASCLØØ         72.390         +0.180         AASCMØØ         5.900         0.000         AASCMØØ         72.710         +0.760         Medium crude         PGA page 2216)         (PGA page 2217)         +0.760         PGA page 2217         PGA page 2217         +0.760         PGA page 2217         PGA page 2217         +0.760         PGA page 2217         +0.760         PGA page 2217  | Miri Light     | 32.3    | PCABQ00 | 70.62-70.66 | 70.640 +0.180         |         |               |        |         | AAPAS00   | 4.150        | 0.000  | AAPAR00  | 70.960          | +0.760    |
| Medium crude         (PGA page 2216)         (PGA page 2217)           Diff to Asian Dated Brent           Su Tu Den         36.8         AARAR00         69.62–69.66         69.640         +0.180         AARA800         3.150         0.000         AARA000         69.960         +0.760           Bach Ho         40.7         PCAHY00         71.27-71.31         71.290         +0.180         AAPAK00         4.800         0.000         AAPAJ00         71.610         +0.760   | Labuan         | 32      | PCABL00 | 72.17-72.21 | 72.190 +0.180         |         |               |        |         | AAPAQ00   | 5.700        | 0.000  | AAPAP00  | 72.510          | +0.760    |
| Su Tu Den         36.8         AARAR00         69.62-69.66         69.640         +0.180         AARAR00         3.150         0.000         AARAQ00         69.960         +0.760           Bach Ho         40.7         PCAHY00         71.27-71.31         71.290         +0.180         AAPAK00         4.800         0.000         AAPAJ00         71.610         +0.760  | Kimanis        | 38.6    | AASCL00 |             | 72.390 +0.180         |         |               |        |         | AASCM00   | 5.900        | 0.000  | AASCN00  | 72.710          | +0.760    |
| Su Tu Den     36.8     AARAR00     69.62-69.66     69.640     +0.180       Bach Ho     40.7     PCAHY00     71.27-71.31     71.290     +0.180         AAPAK00     4.800     0.000     AAPAJ00     71.610     +0.760       AAPAL00     4.800     0.000     AAPAJ00     71.610     +0.760  | Medium crude   |         |         |             |                       |         |               |        |         | (P        | GA page 2216 | )      |          | (PGA page 2217) |           |
| Su Tu Den     36.8     AARAR00     69.62-69.66     69.640     +0.180       Bach Ho     40.7     PCAHY00     71.27-71.31     71.290     +0.180         AAPAK00     4.800     0.000     AAPAJ00     71.610     +0.760       AAPAL00     4.800     0.000     AAPAJ00     71.610     +0.760  |                |         |         |             |                       |         |               |        |         | Diff to A | sian Dated   | Brent  |          |                 |           |
| Bach Ho 40.7 PCAHY00 71.27-71.31 71.290 +0.180 AAPAK00 4.800 0.000 AAPAJ00 71.610 +0.760   | Su Tu Den      | 36.8    | AARAR00 | 69.62-69.66 | 69.640 +0.180         |         |               |        |         |           |              |        | AARAQ00  | 69.960          | +0.760    |
|  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +0.760    |
|  | Nanhai         | 40      | PCAFR00 | 57.37-57.41 | 57.390 +0.180         |         |               |        |         | AAPAG00   | -9.100       | 0.000  | AAPAF00  | 57.710          | +0.760    |
|  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +1.060    |
|  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +1.060    |
| Heavy crude (PGA page 2218) (PGA page 2219)  | Heavy crude    |         |         |             |                       |         |               |        |         | (P        | GA page 2218 | )      | (        | PGA page 2219)  |           |
| Diff to ICP Diff to Asian Dated Brent  |                |         |         |             |                       |         | Diff to ICP   |        |         |           |              |        | <u>`</u> | 10-             |           |
|  | Dar Blend      | 25      | ΔΔΡΔΒΩΩ | 63 07-63 11 | 63 090 +0 280         |         | וווע וכר      |        |         |           |              |        | ΔΔΡΔΔΩΩ  | 63 410          | +0.860    |
|  |                |         |         |             |                       |         |               |        |         |           |              |        |          |                 | +0.860    |
|  |                |         |         |             |                       | PCARROO | 0.20/0.30     | 0.250  | +0.050  |           |              |        |          |                 | +0.860    |
|  |                |         |         | 23.07 07.01 |                       |         | 5.20, 5.50    | 0.200  | . 0.000 |           |              |        |          |                 | +0.860    |

## Platts FOB Fujairah Naphtha Daily Rationale & Exclusions

## Naphtha FOB Fujairah <NFJSA00> assessment rationale:

The FOB Fujairah naphtha assessment April 22 took into consideration the naphtha Mean of Platts Arab Gulf strip value of \$537.42/mt, as well as the cash differential at \$19.50/mt in the absence of bids, offers and trades in the FOB Fujairah naphtha Platts Market on Close assessment process.

The MOPAG naphtha strip was calculated from May MOPAG naphtha swap at \$538.97/mt and the June MOPAG naphtha swap at \$531.72/mt. The cash differential took into consideration the FOB Arab Gulf cash differential against the MOPAG naphtha physical in the absence of any competitive bids, offers or trades demonstrating value otherwise.

Exclusions: No data was excluded from the April 22 Fujairah naphtha MOC.

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# Platts FOB Fujairah Naphtha Bids, Offers, Trades

Bids: No bids Offers: No offers Trades: No trades

This assessment commentary applies to the following market data codes: Naphtha FOB Fujairah Cargo \$/mt <NFJSA00>.

# Platts Asia and Middle Eastern Jet Daily Market Analysis

- India's MRPL sells 60,000 mt of jet A-1 fuel for May
   1-3 loading
- India's Reliance begins three-week maintenance at Jamnagar

The Asian jet fuel/kerosene complex was largely stable to slightly softer April 22, as market participants

described conditions as quiet amid subdued spot activity in North Asia.

"I don't see any key factors driving the market this week so far," an industry participant said.

Platts assessed the front-month May-June time spread for the FOB Singapore jet fuel/kerosene swap — an indicator of the near-term market outlook — at plus 45 cents/b at the 0830 GMT April 21 Asian close, unchanged day over day.

In midmorning trading April 22, brokers pegged the spread at plus 42 cents/b.

The Platts-assessed FOB Singapore jet fuel/ kerosene cargo cash differential rose 4 cents/b day over day to plus 55 cents/b to the Mean of Platts Singapore assessment April 21.

In tenders, India's Mangalore Refinery and Petrochemicals Ltd. sold 60,000 mt of jet A-1 fuel for loading over May 1-3 to a western oil major, at a discount of around 10 cents/b to MOPS jet fuel/ kerosene assessments and Mean of Argus Asia-Pacific



### Asia-Pacific/Arab Gulf Marketscan

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Trade Data: S&P Global Commodity Insights has defined standards for entities it considers to be related and verifies through a variety of inputs whether counterparties in reported trades meet these criteria.

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jet kerosene assessments, FOB New Mangalore, according to market sources.

According to multiple market participants, the price awarded in the tender was considered very strong.

MRPL previously sold 60,000 mt of jet A-1 fuel for loading over April 12-14 to a western oil major, at a discount of around \$1.20-\$1.30/b to MOPS jet fuel/kerosene assessments and Mean of Argus Asia-Pacific jet kerosene assessments, FOB New Mangalore, market sources said.

India's demand for oil products is expected to grow by over 100,000 b/d in the April-June quarter, compared with the same period a year earlier, according to S&P Global Commodity Insights data.

Additional support for oil product demand is expected to come from the aviation sector, which continues to show resilience as domestic and international travel increase amid summer vacations and wedding festivities, Himi Srivastava, principal oil research analyst for South Asia at Commodity Insights, said.

"This will prompt refiners to keep runs at a high level in the quarter," an Indian refining source said.

Meanwhile, India's Reliance Industries has begun maintenance work at a crude distillation unit and several secondary units at its Jamnagar complex, according to sources with knowledge of the matter.

The maintenance work, which began in the first half of April and will last three weeks, is not expected to impact overall output levels at the integrated Jamnagar complex, comprising both domestic and export sites, the sources said.

A company spokesperson declined to confirm the maintenance work.

The Jamnagar complex was set to undergo work involving a CDU in the spring, most likely starting in April, sources previously said.

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## Platts Asia & Middle East Jet Kero Daily Rationale & Exclusions

Jet Kero FOB Spore Cargo <PJABF00> assessment rationale:

The FOB Singapore Jet fuel/kerosene cargo assessment April 22 was based on the following inputs: The front loading period was assessed at Mean of Platts Singapore Jet fuel/kerosene assessment plus 62 cents/b based on a trade for a cargo loading over May 7-11 at MOPS plus 68 cents/b, after normalizing the deemed pricing. The middle and back loading periods were assessed at MOPS Jet fuel/kerosene assessment plus 62 cents/b and plus 58 cents/b, respectively, reflecting the movement in the front and middle loading periods.

## Jet Kero FOB Arab Gulf Cargo <PJAAA00> assessment rationale:

The FOB Arab Gulf Jet Kero cargo assessment was derived as a freight netback from the FOB Singapore Jet Kero cargo assessment using the following input: FOB Singapore Jet Kero cargo assessment minus the cost of transporting a 55,000-mt clean cargo from a basket of ports in the Persian Gulf to Singapore.

Exclusions:

No market data was excluded from the April 22, 2025, Singapore Jet fuel/kerosene Platts Market on Close assessment process.

## Platts FOB Fujairah Jet Kero Rationale & Exclusions

## Jet Kero FOB Fujairah cargo <AFUJF00> assessment rationale:

Platts assessed FOB Fujairah jet fuel/kerosene April 22 at a premium of \$1.55/b to Mean of Platts Arab Gulf jet fuel/kerosene assessment, taking into consideration prices in the FOB Fujairah jet fuel/kerosene market as well as differentials for recent cargo trades heard in the Middle East. The MOPAG jet fuel/kerosene strip was \$77.68/b.

Exclusions:

No market data was excluded from the April 22, 2025, Fujairah jet fuel/kerosene Market on Close assessment process.

## Platts Singapore Jet Kero Bids, Offers, Trades

Bids: Jet: FOB Straits: Vitol bids MOPS +0.40 May 7-11 140kb (Deemed pricing May 7-14); Jet: FOB Straits: Vitol bids May +0.30 May 14-18 100kb

Offers: No offers reported

Trades: Jet: FOB Straits: May 7-11: 100kb: BP buys from Aramco at MOPS plus 60 cents/b (Deemed pricing April 28-May 5) (4:29:13)

Withdrawn: Jet: FOB Straits: Aramco no longer offers MOPS +0.60 May 7-11 100kb (Deemed pricing April 28-May 5) after trade with BP (4:29:13)

This assessment commentary applies to the following market data codes: Jet Kero <PJABF00>

# Platts Asia and Middle Eastern Gasoil Daily Market Analysis

- South Korea extends auto fuel tax cut until June, reduces rates
- Spot tender issuances seen from Lanka IOC, QPSPP, Nayara Energy

The Asian ultra-low sulfur gasoil market was rangebound April 22 amid the issuances of multiple spot tenders.

Brokers pegged the front-month May-June Singapore gasoil swaps time spread — an indicator of the near-term market outlook — at 66 cents/b in midmorning trade April 22, up from the Platts assessment of plus 64 cents/b at the 0830 GMT April 21 Asian close, which was down 9 cents/b day over day.

The benchmark cash differential for 10 ppm FOB Singapore gasoil cargoes was up 6 cents from April 17

to plus 65 cents/b over the Mean of Platts Singapore gasoil assessment April 21.

On spot tenders, Lanka IOC issued a tender seeking a combined cargo comprising 30,000 mt of 500 ppm sulfur gasoil, 5,000 mt of 500 ppm sulfur marine gasoil and 5,000 mt of 10 ppm sulfur gasoil for delivery over June 15-16 to Port of Colombo and/or Trincomalee. The tender closes on April 23, with validity until April 25.

India's Nayara Energy offered up to three cargoes of high-speed diesel with a maximum 10 ppm sulfur content from Vadinar, via a spot tender closing April 23 with same-day validity. The first option comprises 65,000-70,000 mt cargo for loading over May 22-26, while the second option offers one to two 40,000 mt cargo for loading over May 18-22 and May 23-27.

Meanwhile, QPSPP reissued its tender, offering 20,000 mt of 10 ppm sulfur gasoil for loading over May 9-10. The tender closes on April 22, with same-day validity.

South Korea will extend its tax cut on auto fuels by another two months until the end of June, the government said April 22, as it reduced gasoline, diesel and butane rates.

From May to June, the tax rate on gasoline was cut to 10% from 15%, and on diesel and butane to 15% from 23%, it said.

Nationwide retail 92 RON unleaded gasoline prices averaged Won 1,656.17/liter, or \$1.17/liter, in the first three weeks of April, down from the \$1.19/liter average in March, latest data from state-run Korea National Oil Corp. showed.

The tax rate cut will effectively raise pump prices of gasoline by Won 40/liter (\$0.03/l) and diesel by Won 46/l from next month, which could dampen already weak domestic demand, according to the Ministry of Trade, Industry and Energy.

Given the country's dwindling tax revenues, the government is expected to lower the tax cap further from July or might not extend the years-long tax cut for auto fuels.

The tax cut impact on the Asian gasoil complex is expected to be muted, with changes to cash differentials in the spot market unlikely, according to market participants.

Since November 2021, the country has provided tax cuts for auto fuels to help cope with upward inflation pressure sparked by surging pump prices.

In January 2023, the government restored tax reduction for gasoline to 25% from a legal cap of 37% cut, while maintaining tax cuts for diesel and butane at 37%.

The government revised the tax reduction to 20% for gasoline and 30% for diesel and butane in July last year and further in December to 15% for gasoline and 23% for diesel and butane, effectively raising retail prices.

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# Platts Asia and Middle Eastern Gasoil Cargo Daily Rationale & Exclusions

Gasoil .001%S (10ppm) FOB Spore Cargo <AAOVC00> assessment rationale:

The benchmark FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment April 22 was based on the following inputs: A bid for a cargo loading over May 13-17 at Mean of Platts Singapore Gasoil plus 59 cents/b after normalizing for deemed pricing. The front, middle and back loading periods were assessed at MOPS Gasoil plus 77 cents/b, plus 64 cents/b and plus 56 cents/b, respectively.

## Gasoil .05%S (500ppm) FOB Spore Cargo <AAFEX00> assessment rationale:

The FOB Singapore Gasoil 0.05% (500 ppm) cargo assessment April 22 was based on the adjusted relationship between the physical and swaps markets. The cash differential was down 1 cent/b day over day at MOPS Gasoil assessment minus 84 cents/b, as the May/June gasoil swap spread was 1 cent/b narrower day over day at plus 63 cents/b.

## Gasoil FOB Spore Cargo <POABC00> assessment rationale:

The benchmark FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment April 22 was based on the following inputs: A bid for a cargo loading over May 13-17 at MOPS Gasoil plus 59 cents/b after normalizing for deemed pricing. The front, middle and back loading periods were assessed at MOPS Gasoil plus 77 cents/b, plus 64 cents/b and plus 56 cents/b, respectively.

Exclusions: No data was excluded from the April 22 Singapore Gasoil Market on Close assessment process.

## Platts FOB Fujairah Gasoil Daily Rationale & Exclusions

Gasoil FOB Fujairah cargo <AFUJK00> assessment rationale:

The FOB Fujairah Gasoil assessment April 22 stood at a premium of \$1.50/b to the Mean of Platts Arab Gulf gasoil assessment, taking into consideration prices in the FOB Fujairah gasoil market as well as differentials for recent cargo trades heard in the Middle East. The MOPAG Gasoil Strip was \$78.49.

## Gasoil 500 ppm FOB Fujairah cargo <AFUJN00> assessment rationale:

The FOB Fujairah 500 ppm Gasoil assessment April 22 stood at a premium of \$1.26/b to the MOPAG gasoil assessment, taking into consideration prices in the FOB Fujairah gasoil market as well as differentials for recent cargo trades heard in the Middle East. The MOPAG Gasoil Strip was \$78.49.

Exclusions: No data was excluded from the April 22 Fujairah Gasoil Market on Close assessment process.

# Platts Asia and Middle Eastern Gasoil Cargo Bids, Offers, Trades

Bids: Gasoil 10ppm: FOB Straits: Trafigura bids MOPS +0.50 May 7-11 170kb (Deemed pricing May 5-9) INCO or May +0.40 May 12-16 170kb INCO; Gasoil 10ppm: FOB Straits: Unipec bids MOPS +0.50 May 10-14 150kb (Deemed pricing May 9-16) INCO; Gasoil 10ppm: FOB Straits: BP bids May +0.60 May 13-17 240kb Seller represents and warrants that, to the best of its knowledge, the Cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine

Offers: Gasoil 10ppm: FOB Straits: Gunvor offers MOPS +1.00 May 7-11 150kb (Deemed pricing April 24-30) INCO or May +1.00 May 18-22 INCO Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine; Gasoil 10ppm: FOB Straits: Total offers H1 May +1.08 May 18-22 150kb It is a condition of this Agreement that the product delivered by the Seller and purchased by the Buyer shall not be, in all or in part, of Russian Federation origin and shall not have been loaded in or transported from the Russian Federation. For these purposes product shall be considered to be of "Russian Federation origin" if it is produced in the Russian Federation

Trades: No trades reported

This assessment commentary applies to the following market data codes: <AAOVC00> <AAFEX00> <AACUE00> <POABC00> <AAFEZ00>

# Platts Asia and Middle Eastern Gasoil FOB Cargo Daily Rationale & Exclusions

Gasoil .25%S (2500ppm) FOB Spore Cargo <AACUE00> assessment rationale:

The FOB Singapore Gasoil 0.25% (2,500 ppm) cargo assessment April 22 was based on the adjusted relationship between the physical and swaps markets. The cash differential was down 1 cent/b day over day at Mean of Platts Singapore Gasoil assessment minus \$1.23/b, as the May/June gasoil swap spread was down 1 cent/b day over day at plus 63 cents/b.

## Gasoil .05% (500ppm) FOB Arab Gulf Cargo <AAFEZ00> assessment rationale:

The FOB Arab Gulf Gasoil 0.05% (500 ppm) cargo assessment was derived as a freight netback from the FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment using the following inputs: FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment minus the cost of transporting a 55,000-mt clean cargo from a basket of ports in the Persian Gulf to Singapore, and taking into account the cash differential between the FOB Arab Gulf 10 ppm and 500 ppm assessments.

## Gasoil FOB Arab Gulf Cargo <POAAT00> assessment rationale:

The FOB Arab Gulf Gasoil 0.001% (10 ppm) cargo assessment was derived as a freight netback from the FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment using the following input: FOB Singapore Gasoil 0.001% (10 ppm) cargo assessment minus the cost of transporting a 55,000-mt clean cargo from a basket of ports in the Persian Gulf to Singapore.

Exclusions: No market data was excluded from the April 22 Singapore Gasoil Market on Close assessment process.

# Platts Asia and Middle East Fuel Oil Daily Market Analysis

- 0.5%S marine fuel cash premium climbs to
   2-month high
- 380 CST HSFO market structure seen weaker amid ample supplies

The Asian low-sulfur fuel oil market structure was seen marginally weaker April 22 as downstream bunker demand continued to remain relatively lackluster, while cash premium for the marine fuel grade climbed to a two-month high amid active deals in the physical cargo market.

The Singapore marine fuel 0.5%S May-June swaps time spread was pegged at \$4.25/mt in midafternoon April 22, compared with Platts assessment of the spread at \$4.45/mt at the Asian close April 21.

Platts assessed the Singapore marine fuel 0.5%S cargo's differential over the Mean of Platts Singapore marine fuel 0.5%S assessment 76 cents/mt higher day over day at a premium of \$3.78/mt at the Asian close April 21, buoyed by competitive bids from Shell and Gunvor for May-loading cargoes during the Platts Market on Close assessment process.

The cash differential, which averaged at a discount of 79 cents/mt in March, is currently at its highest level since Feb. 20, when it was assessed at a premium of \$4.33/mt, Platts data showed.

Singapore's LSFO arrivals from the Western markets were set to decrease by nearly a third month over month in April, dampened by persistently unviable arbitrage economics, Platts reported earlier, while traders said arbitrage volumes in the first half of May would also continue to be quite limited.

The spread between Singapore marine fuel 0.5%S cargo and FOB Rotterdam 0.5%S barge Platts assessments, or the East-West spread, was assessed

at \$37.25/mt on April 21, unchanged for a fifth straight session.

In the European VLSFO market, bunker demand remains limited ahead of the Mediterranean Emissions Control Area implementation on May 1, Platts reported earlier.

Meanwhile, Platts assessed the Singapore 380 CST HSFO cargo's cash differential to the MOPS 380 CST HSFO assessment at a discount of \$3.35/mt April 21, compared with a discount of \$3.92/mt in the preceding session, while the Singapore 180 CST HSFO cash premium over the MOPS 180 CST HSFO assessment remained unchanged day over day at 50 cents/mt in the absence of any competitive bids or offers.

The Asian HSFO market is expected to garner some support from seasonal demand from the power generation sector in the coming weeks as peak summer months in South Asian countries such as Bangladesh and Sri Lanka boost import demand.

The Singapore 380 CST HSFO May-June swaps spread was pegged at \$3.75/mt in midafternoon Asian trade on April 22, compared with the Platts assessment of the spread at \$4.05/mt at the Asian close April 21.

Platts is part of S&P Global Commodity Insights.

# Platts FOB Singapore Marine Fuel 0.5% cargo Daily Rationale & Exclusions

Marine Fuel 0.5% FOB Spore cargo \$/mt <AMFSA00> Assessment Rationale: The FOB Singapore Marine Fuel 0.5%S assessment on April 22 took into consideration bids from Gunvor for May 7-11, May 12-16 and May 18-22 loading cargoes at balance April Singapore Marine Fuel 0.5%S assessment plus \$1/mt, at parity to balance April Singapore Marine Fuel 0.5%S assessment, and balance April Singapore Marine Fuel 0.5%S assessment minus 50 cents/mt, respectively.

Exclusions: No market data was excluded from the April 22 cargo assessment process.

Platts is part of S&P Global Commodity Insights. This assessment commentary applies to the following market data codes: Marine Fuel 0.5% FOB Spore cargo \$/mt <AMFSA00>

# Platts FOB Singapore Marine Fuel 0.5% Cargo Bids, Offers, Trades

Bids: Platts Marine Fuel 0.5%: FOB Straits: Shell bids MOPS +2.00 May 7-11 20kt INCO OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Shell bids MOPS +3.50 May 7-11 40kt INCO OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Shell bids MOPS +3.00 May 9-13 40kt INCO OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Shell bids MOPS +3.00 May 12-16 40kt INCO OR (It is a condition of this bid/agreement that the products sold and

delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Shell bids MOPS +3.00 May 17-21 40kt INCO (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids MOPS +3.50 May 7-11 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids Bal Apr +1.00 May 7-11 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic

or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids MOPS +3.50 May 12-16 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids Bal Apr +0.00 May 12-16 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids MOPS +3.50 May 18-22 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have

been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Gunvor bids Bal Apr -0.50 May 18-22 40kt (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Idemitsu bids MOPS +2.00 May 7-11 40kt OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin nor blended with any product produced in the Russian Federation or any other origin sanctioned by the US/UN/EU. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo & any blend components, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Idemitsu bids MOPS +3.00 May 12-16 40kt OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin nor blended with any product produced in the Russian Federation or any other origin sanctioned by the US/UN/EU. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s)

of the cargo & any blend components, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: Idemitsu bids MOPS +3.00 May 17-21 40kt (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin nor blended with any product produced in the Russian Federation or any other origin sanctioned by the US/UN/EU. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo & any blend components, to the Buyer's reasonable satisfaction.)

Platts Marine Fuel 0.5%: FOB Straits: P66 bids MOPS +2.00 May 7-11 40kt OR (Seller represents and warrants that, to the best of its knowledge, the cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

Platts Marine Fuel 0.5%: FOB Straits: P66 bids MOPS +2.00 May 12-16 40kt OR (Seller represents and warrants that, to the best of its knowledge, the cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

Platts Marine Fuel 0.5%: FOB Straits: P66 bids MOPS +2.00 May 17-21 40kt (Seller represents and warrants that, to the best of its knowledge, the cargo

delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

Platts Marine Fuel 0.5%: FOB Straits: Mitsui bids MOPS +2.00 May 7-11 40kt OR

Platts Marine Fuel 0.5%: FOB Straits: Mitsui bids MOPS +2.00 May 12-16 40kt OR

Platts Marine Fuel 0.5%: FOB Straits: Mitsui bids MOPS +2.00 May 17-21 40kt

Platts Marine Fuel 0.5%: FOB Straits: Mercuria bids MOPS +2.00 May 7-11 40kt INCO OR

Platts Marine Fuel 0.5%: FOB Straits: Mercuria bids MOPS +2.00 May 12-16 40kt INCO OR

Platts Marine Fuel 0.5%: FOB Straits: Mercuria bids MOPS +2.00 May 18-22 40kt INCO

Platts Marine Fuel 0.5%: FOB Straits: Glencore bids MOPS +3.00 May 7-11 40kt OR

Platts Marine Fuel 0.5%: FOB Straits: Glencore bids MOPS +3.00 May 12-16 40kt OR

Platts Marine Fuel 0.5%: FOB Straits: Glencore bids MOPS +3.00 May 17-21 40kt

Offers: Platts Marine Fuel 0.5%: FOB Straits: Trafigura offers MOPS +6.00 May 8-12 20kt OR

Platts Marine Fuel 0.5%: FOB Straits: Trafigura

offers MOPS +6.00 May 13-17 20kt OR

Platts Marine Fuel 0.5%: FOB Straits: Trafigura offers MOPS +5.00 May 18-22 20kt

Trades: No trade

This assessment commentary applies to the following market data codes: Marine Fuel 0.5% FOB Spore cargo \$/mt <AMFSA00>

### Platts Singapore Fuel Oil Paper Exclusions

Exclusions: No market data was excluded from the April 22, 2025 Asian fuel oil paper assessment process.

### **Fuel Oil Reported Deals**

PLATTS SINGAPORE FUEL OIL PAPER TRADES SUMMARY 22 April 25

PLATTS ASIA FO SWAP MOC TRADES ON CLOSE FUEL OIL 180CST SINGAPORE

PLATTS FO: MAY25: DARE BUYS FROM VITOL\* 5KMT AT \$437.25 (08:26:58)

PLATTS FO: MAY25: ONYX BUYS FROM VITOL\* 5KMT AT \$437.50 (08:27:42)

PLATTS F0: MAY25: ONYX BUYS FROM VITOL\* 5KMT AT \$438.00 (08:29:06)

FUEL OIL 180CST SINGAPORE/FUEL OIL 380CST SINGAPORE

PLATTS FO SPR: BAL MONTH: ARAMCO BUYS FROM VITOL\* 5KMT AT \$14.50 (08:28:14)

PLATTS FO SPR: BAL MONTH: ONYX SELLS TO ARAMCO\* 5KMT AT \$14.25 (08:28:43)

PLATTS FO SPR: BAL MONTH: ARAMCO BUYS FROM VITOL\* 5KMT AT \$14.50 (08:28:57)

PLATTS FO SPR: MAY25: ARAMCO BUYS FROM GOODE\* 5KMT AT \$14.25 (08:28:21)

PLATTS FO SPR: MAY25: ARAMCO BUYS FROM GOODE\* 5KMT AT \$14.25 (08:28:29)

PLATTS FO SPR: MAY25: ONYX SELLS TO

CHIMBUSCO\* 5KMT AT \$14.25 (08:29:34)

PLATTS FO SPR: MAY25: GOODE SELLS TO

ARAMCO\* 5KMT AT \$14.25 (08:29:39)

PLATTS FO SPR: MAY25: GOODE SELLS TO

ARAMCO\* 5KMT AT \$14.25 (08:29:44)

PLATTS FO SPR: MAY25: ARAMCO BUYS FROM

GOODE\* 5KMT AT \$14.25 (08:29:52)

FUEL OIL 380CST SINGAPORE

PLATTS FO: MAY25: DARE SELLS TO ONYX\* 5KMT

AT \$423.75 (08:29:32)

PLATTS F0: MAY25: ONYX BUYS FROM HOTEI\* 5KMT AT \$423.50 (08:29:54)

PLATTS FO: MAY25: PRIME SELLS TO ONYX\* 5KMT AT \$423.25 (08:29:57)

PLATTS FO SPR: BAL MONTH/MAY25: BP BUYS FROM DARE\* 5KMT AT \$0.25 (08:28:53)

PLATTS FO SPR: BAL MONTH/MAY25: BP BUYS FROM TRAFIGURA\* 5KMT AT \$0.25 (08:28:55)

PLATTS SINGAPORE MARINE FUEL 0.5% PAPER TRADES SUMMARY 22 April 25

MARINE FUEL 0.5% FOB SINGAPORE (PLATTS)
PLATTS MARINE FUEL: MAY25: DARE SELLS TO
HOTEI\* 5KMT AT \$477.00 (08:29:50)

PLATTS MARINE FUEL: MAY25: DARE SELLS TO HOTEI\* 5KMT AT \$476.75 (08:29:51)

PLATTS MARINE FUEL: MAY25: VITOL BUYS FROM ERA\* 5KMT AT \$477.00 (08:29:56)

PLATTS MARINE FUEL: MAY25: ONYX SELLS TO HOTEI\* 5KMT AT \$477.00 (08:29:59)

PLATTS MARINE FUEL (BALMO): BAL MONTH: GUNVOR BUYS FROM ONYX 5KMT AT \$481.00(08:29:40) PLATTS MARINE FUEL (BALMO): BAL MONTH: DARE

PLATTS MARINE FUEL SPR: BAL MONTH/MAY25: GUNVOR BUYS FROM TRAFIGURA\* 5KMT AT \$4.00 (08:29:47)

SELLS TO GUNVOR\* 5KMT AT \$481.50 (08:30:02)

PLATTS MARINE FUEL SPR: BAL MONTH/MAY25: GUNVOR BUYS FROM ONYX\* 5KMT AT \$4.00 (08:29:49)

## Platts Fujairah Daily Marine Fuel 0.5% Cargo Daily Rationale & Exclusions

Marine Fuel 0.5% FOB Fujairah cargo \$/mt <AMFFA00> assessment rationale: FOB Fujairah Marine Fuel 0.5%S cargo assessment on April 22 took into consideration prices in the Fujairah-delivered Marine Fuel 0.5%S bunker market as well as differentials at which Marine Fuel 0.5%S cargoes were heard traded in the Middle East.

This rationale applies to symbol(s) <AMFFA00> Exclusions: No market data was excluded from the April 22 assessment process.

# Platts Fujairah Daily Marine Fuel 0.5% Cargo Bids, Offers, Trades

Bids: No bid Offers: No offer Trades: No trade

This assessment commentary applies to the following market data codes: Marine Fuel 0.5% FOB Fujairah cargo \$/mt <AMFFA00>

# Platts Asia and Middle East FO 180, 380 CST Daily Rationales & Exclusions

FO 180 CST 3.5%S FOB Spore Cargo <PUADV00> assessment rationale: The FOB Singapore 180 CST HSFO assessment April 22 took into consideration notional values in the absence of any competitive bids or offers demonstrating the values otherwise.

FO 380 CST 3.5%S FOB Spore Cargo <PPXDK00> assessment rationale: The FOB Singapore 380 CST HSFO assessment April 22 took into consideration bids from Aramco Singapore for May 14-18, and May 18-22 loading cargoes at parity to Mean of Platts Singapore 380 CST HSFO assessment each. The assessment also took into consideration bids from PetroChina for May 8-12, May 13-17, and May 18-22 loading cargoes at parity to Mean of Platts Singapore 380 CST HSFO assessment each. The assessment also took into consideration bids from Vitol for May 8-12, May 13-17, and May 18-22 loading cargoes at parity to Mean of Platts Singapore 380 CST HSFO assessment each.

FO 180 CST 3.5%S FOB Arab Gulf Cargo < PUABEOO> assessment rationale: The FOB Arab Gulf 180 CST HSFO assessment was derived as a freight netback from the FOB Singapore 180 CST HSFO assessment

using the following calculation: FOB Singapore 180 CST HSFO assessment minus the cost of transporting an 80,000-mt dirty cargo from the Persian Gulf to the East.

FO 380 CST 3.5%S FOB Arab Gulf Cargo <AAIDC00> assessment rationale: The FOB Arab Gulf 380 CST HSFO assessment was derived as a freight netback from the FOB Singapore 380 CST HSFO assessment using the following calculation: FOB Singapore 380 CST HSFO assessment minus the cost of transporting an 80,000-mt dirty cargo from the Persian Gulf to the East.

Exclusions: No market data was excluded from the April 22, 2025, high sulfur fuel oil cargo assessment process.

# Platts FOB Fujairah Daily 380 CST HSFO Cargo Daily Rationale & Exclusions

HSFO 380 CST FOB Fujairah cargo \$/mt <AFUJQ00> assessment rationale: FOB Fujairah 380 CST HSFO assessment on April 22 took into consideration prices in the Fujairah 380 CST HSFO delivered bunker market as well as differentials for recent cargo trades heard in the Middle East.

Exclusions: No market data was excluded from the April 22 assessment process.

## Platts Singapore Fuel Oil Bids Offers Trades

Bids: PLATTS HSFO: PHYSICAL BIDS FINALS ON CLOSE (180 CST):

Platts HSF0 180CST: FOB Straits: P66 bids MOPS -3.00 May 7-11 40kt OR (Seller represents and warrants that, to the best of its knowledge, the cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components

that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

Platts HSFO 180CST: FOB Straits: P66 bids MOPS -3.00 May 12-16 40kt OR (Seller represents and warrants that, to the best of its knowledge, the cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

Platts HSFO 180CST: FOB Straits: P66 bids MOPS -3.00 May 17-21 40kt (Seller represents and warrants that, to the best of its knowledge, the cargo delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine.)

PLATTS HSFO: PLATTS HSFO: PHYSICAL BIDS FINALS ON CLOSE (380 CST):

Platts HSFO 380CST: FOB Straits: AramcoSG bids MOPS +0.00 May 14-18 40kt OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin nor blended with any product produced in the Russian Federation or any other origin sanctioned by the US / UN / EU. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo & any blend components, to the

Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: AramcoSG bids MOPS +0.00 May 18-22 40kt (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin nor blended with any product produced in the Russian Federation or any other origin sanctioned by the US / UN / EU. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo & any blend components, to the Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: Shell bids MOPS -3.00 May 7-11 40kt INCO OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: Shell bids MOPS -3.00 May 12-16 40kt INCO OR (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: Shell bids MOPS -3.00 May 17-21 40kt INCO (It is a condition of this bid/agreement that the products sold and delivered by Seller will not be of Russian Federation (RF) origin (which includes product exported from RF) nor blended with any RF origin product. Buyer reserves the right to ask for documentary evidence of compliance, showing refinery origin(s) of the cargo, to the Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: PetroChina bids

MOPS +0.00 May 8-12 20kt OR

Platts HSFO 380CST: FOB Straits: PetroChina bids MOPS +0.00 May 13-17 20kt OR

Platts HSFO 380CST: FOB Straits: PetroChina bids MOPS +0.00 May 18-22 20kt

Platts HSFO 380CST: FOB Straits: Vitol bids MOPS +0.00 May 8-12 20kt INCO OR

Platts HSFO 380CST: FOB Straits: Vitol bids MOPS +0.00 May 13-17 20kt INCO OR

Platts HSFO 380CST: FOB Straits: Vitol bids MOPS +0.00 May 18-22 20kt INCO

Platts HSFO 380CST: FOB Straits: Gunvor bids MOPS -1.00 May 7-11 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: Gunvor bids MOPS -1.00 May 12-16 40kt OR (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Platts HSFO 380CST: FOB Straits: Gunvor bids MOPS -1.00 May 18-22 40kt (Seller represents and warrants that the cargo delivered/to be delivered under this Contract: (i) does not contain any product that was produced, manufactured or processed in, or exported from; or (ii) has not been produced through a blending process that uses product or components that have been produced, manufactured or processed in, or exported from, in each case, the Russia Federation or Crimea, the Donetsk People's Republic or the Luhansk People's Republic in Ukraine. Seller shall provide, upon request, documentary evidence of compliance showing the origin(s) of the cargo, to Buyer's reasonable satisfaction.)

Offers: PLATTS HSF0: PHYSICAL OFFERS FINALS ON CLOSE (180 CST):

Platts HSFO 180CST: FOB Straits: Vitol offers MOPS +6.00 May 8-12 20kt INCO

PLATTS HSFO: PHYSICAL OFFERS FINALS ON CLOSE (380 CST):

Platts HSFO 380CST: FOB FSU: SA Oceania: Trafigura offers on Bal Apr +1.00 May 11-15 20kt OR Platts HSFO 380CST: FOB FSU: SA Oceania:

Trafigura offers on Bal Apr +2.00 May 16-20 20kt

Trades: No trade

Platts Bitumen: PHYSICAL BIDS: FOB STRAITS

FINALS ON CLOSE: No bid

Platts Bitumen: PHYSICAL OFFERS: FOB STRAITS:

FINALS ON CLOSE: No offer

Platts Bitumen Trade Summary: FOB STRAITS: No trade

Platts Bitumen: PHYSICAL FINALS ON CLOSE: FOB SOUTH KOREA: No bids/offers/trade

This assessment commentary applies to the following market data codes: FO 180 CST 2.0% <PUAXS00> FO 180 CST 3.5% <PUADV00> FO 380 CST 3.5% <PPXDK00>

# Platts US West Coast Light End Daily Commentary

- Portland suboctane differential closer over 5 cents/ gal lower than last year
- Differential rebounds after hitting one-month low on April 17

On the West Coast, the differential for regular suboctane in Portland strengthened for the second day on April 22 after hitting a one-month close.

Platts assessed the differential up 7 cents/gal to NYMEX May RBOB futures plus 15 cents/gal following a trade heard in the market. The premium counterpart maintained a 23-cent/gal premium and closed at futures plus 48 cents/gal.

On April 17, Platts began to assess the differential with a lower Reid Vapor Pressure of 7.8 psi. Despite the stricter RVP, the differential dropped to a one-month low of futures plus 1 cent/gal.

Market participants attributed the softness of the price to a short-lived containment problem in Portland, which resulted in one key seller rapidly offloading their product.

As the differential price strengthens, it moves more in line with seasonal pricing. In comparison to this time last year, the differential closed at futures plus 21 cents/gal on April 22, 2024.

Platts is part of S&P Global Commodity Insights.

# Platts Middle East Sour Crude Daily Market Analysis

- Aramco Trading buys 4 VLCCs of Middle Eastern crudes via tender
- PTT issues monthly buy tender
- Formosa buys Oman and/or Upper Zakum crude in tender

Details emerged regarding recently issued buy

tenders in the Asian sour crude market on April 22, while traders also noted a rare, large spot purchase made by Middle Eastern trader Aramco Trading in the week ended April 18.

Among recent tenders, Thailand's PTT issued its monthly sour crude buy tender this week, closing on April 22 with same-day validity.

Taiwan's Formosa Petrochemical issued and awarded its monthly buy tender in the week ended April 18. Traders said the company bought one VLCC of Oman crude for July loading and delivery and another VLCC of Oman crude with an option for Upper Zakum at a premium in the 90s cents/b to Platts June Dubai crude assessments, FOB plus freight.

Trade sources noted a rare buy tender issued and awarded by Aramco Trading in the week ended April 18. The company bought four VLCCs of Middle Eastern crudes, consisting of Upper Zakum crude and Oman crude, for June loading.

Further details, including the reason for the sudden purchase, were unclear. Traders said this appeared to be the first time the company had tendered for and bought such a large volume from the spot market.

China's independent refineries set a new record for feedstock imports in March, bringing in 20.61 million mt (4.87 million b/d), taking advantage of lower crude prices and access to discounted sanctioned barrels, data from Platts showed.

Imports in March surpassed the previous record of 19.82 million mt (4.69 million b/d) set in March 2023 and marked a 25.9% increase from February.

The surge was largely driven by smaller independent refineries, which boosted their combined feedstock imports by 73.2% month over month to 12.75 million mt in March — the highest level in two years. Their imported feedstocks are typically classified as crude oil, fuel oil and bitumen blend.

A key driver of the import surge was the continued flow of Iranian crudes, which reached an all-time high of 1.91 million b/d (8.07 million mt) in March, as suppliers worked around logistical challenges stemming from new US sanctions on Iranian barrels.

Apart from sanctioned crudes from Iran, some independent refineries also increased imports of regular crudes amid tightening US sanctions.

About 485,000 mt of regular crudes were imported by these refineries in March. These included 140,000 mt of Meleck crude from Niger, 130,000 mt of Mandji crude from Congo and 135,000 mt of Dalia crude from Angola.

Platts is part of S&P Global Commodity Insights.

## Platts Mideast Sour Crude Daily Rationales & Exclusions

Dubai Mo01 < PCAATO0> assessment rationale:
The June cash Dubai assessment April 22 took
into consideration bids and offers for cash Dubai
partials that traded at \$68.50/b toward the end of
the Platts Market on Close assessment process that
demonstrated value to be lower day over day.

Oman Blend Mo01 < PCABS00> assessment rationale: The June cash Oman assessment April 22 took into consideration the declaration of a Murban cargo on convergence of Dubai partials.

Exclusions: Platts Dubai Partial Jun25, VITOLSG BUYS FROM RGES \$68.60 for 25 8:29:50.953 GMT Platts is part of S&P Global Commodity Insights.

# Platts Oil Mideast Sour Crude Convergences

\*\*Platts Crude: PetroChina declares a cargo of June Murban crude to Vitol following the convergence of 20 partials in Platts cash Dubai.

# Platts Middle East Sour Crude Bids, Offers, Trades

Bids:

PLATTS DUBAI: JUN25: TRAFIGURA BIDS 25KB AT \$68.25

PLATTS DUBAI: JUN25: PHILLIPS 66 BIDS 25KB AT \$68.20

PLATTS DUBAI: JUN25: VITOL NO LONGER BIDS AFTER TRADE

PLATTS DUBAI: JUN25: GUNVOR NO LONGER BIDS AFTER TRADE

PLATTS DUBAI: JUN25: TOTAL NO LONGER BIDS AFTER TRADE

PLATTS DUBAI: JUN25: EXXONMOBIL NO LONGER BIDS AFTER TRADE

Offers:

PLATTS DUBAI: JUN25: RELIANCE OFFERS 25KB AT \$68.60 AND WITHDRAWS DURING EXTENSION PLATTS DUBAI: JUN25: SHELL OFFERS 25KB AT \$68.65

PLATTS DUBAI: JUN25: HENGLI OFFERS 25KB AT \$68.65

PLATTS DUBAI: JUN25: UNIPEC OFFERS 25KB AT \$68.65

PLATTS DUBAI: JUN25: PHILLIPS 66 OFFERS 25KB AT \$68.95

PLATTS DUBAI: JUN25: PETROCHINA NO LONGER OFFERS AFTER TRADE

PLATTS DUBAI: JUN25: PETROCHINA NO LONGER OFFERS AFTER TRADE

Trades:

PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.42 (08:28:31) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.42 (08:28:40) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.45 (08:28:43) VITOL\* 25KB AT \$68.45 (08:28:46) GUNVOR\* 25KB AT \$68.45 (08:28:47)

PLATTS DUBAI: JUN25: PETROCHINA SELLS TO PLATTS DUBAI: JUN25: PETROCHINA SELLS TO PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.45 (08:28:50)

PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.45 (08:28:52) PLATTS DUBAI: JUN25: GUNVOR BUYS FROM PETROCHINA\* 25KB AT \$68.45 (08:28:54) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.48 (08:29:04) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.50 (08:29:07)\*\* PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.50 (08:29:10) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:11) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:13) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:15) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:18) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:18) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:21) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.50 (08:29:23) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:27) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:28) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO EXXONMOBIL\* 25KB AT \$68.48 (08:29:29) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:30) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:33) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:34)

PLATTS DUBAI: JUN25: PETROCHINA SELLS TO

EXXONMOBIL\* 25KB AT \$68.48 (08:29:35)

PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:38) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:41) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO EXXONMOBIL\* 25KB AT \$68.48 (08:29:43) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:43) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:46) PLATTS DUBAI: JUN25: VITOL BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:46) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO EXXONMOBIL\* 25KB AT \$68.48 (08:29:46) PLATTS DUBAI: JUN25: BP SELLS TO VITOL\* 25KB AT \$68.50 (08:29:48) PLATTS DUBAI: JUN25: GUNVOR BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:49) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO GUNVOR\* 25KB AT \$68.48 (08:29:52) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO EXXONMOBIL\* 25KB AT \$68.48 (08:29:54) PLATTS DUBAI: JUN25: GUNVOR BUYS FROM PETROCHINA\* 25KB AT \$68.50 (08:29:54) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.50 (08:29:56) PLATTS DUBAI: JUN25: PETROCHINA SELLS TO TOTAL\* 25KB AT \$68.45 (08:29:56) PLATTS DUBAI: JUN25: VITOL BUYS FROM PLATTS DUBAI: JUN25: PETROCHINA SELLS TO PLATTS DUBAI: JUN25: PETROCHINA SELLS TO VITOL\* 25KB AT \$68.50 (08:30:04)

PETROCHINA\* 25KB AT \$68.50 (08:30:00) EXXONMOBIL\* 25KB AT \$68.48 (08:30:00)

This assessment commentary applies to the following market data codes: Dubai M1 < PCAATOO>, Oman M1 < PCABS00>

# Platts Asia Pacific Sweet Crude Daily Market Analysis

- Bearish sentiment in light crude segment amid market uncertainty
- Ichthys production outage could lead to INPEX delaying second cargo
- Aggressive offers for Russia's Sokol heard, buying interest picks up

The Asia-Pacific sweet crude market on April 22 saw pessimistic sentiment in the light crude and condensate segments, as traders voiced a potential overhang into the next trading cycle.

"I think recently, the market has been not so stable because of a lot of international events [which have rattled oil markets] such as the ongoing tariffs, trade negotiations, Ukraine and Russia peace deal, nuclear talks between Iran and the US. So there are many events and market conditions as a whole are very unstable, so traders are on edge these days," a trader said.

Another trader said that on top of geopolitical uncertainty, naphtha had been more competitively priced compared with condensates. As a result, refiners had opted to take naphtha for their splitters instead of condensates. traders said.

"There are still quite a few available cargoes but not much demand from refineries and petrochemical companies. Hence, condensate and light crude sellers are trying to sell their cargoes as soon as possible as they may see a huge dip in buying interest if they were to miss this current trading cycle," another trader added.

The INPEX-operated Ichthys LNG project in Australia is still experiencing "a minor production issue," a spokesperson for Japan's INPEX told Platts April 21.

"Currently, the production rate at the [Ichthys] LNG

project has declined overall due to an ongoing minor production issue," the spokesperson said, declining to elaborate.

On the condensate front, a production outage, coupled with the increasingly dampened sentiment, could potentially result in INPEX having to delay its second June-loading cargo to the July loading cycle, traders told Platts.

Initially, two 650,000-barrel cargoes of Australia's Ichthys Field Condensate had been scheduled, with Japan's INPEX holding both cargoes for loading over June 13-17 and June 24-28, respectively.

"[INPEX has deferred its second June-loading cargo] in a desperate attempt to find a better market," a trader said.

Initial trade results have emerged, with INPEX heard to have sold its cargo for loading over June 13-17 to a South Korean end-user, ranging from 50 cents/b to the low \$1s/b to Platts Dated Brent crude assessments. FOB.

"Heard bids were almost \$2 lower than the last cycle," another regional trader said, as market sentiment turned increasingly negative.

With bearish sentiment compounding, traders said INPEX could try to sell its second cargo at a lower premium to its first June-loading cargo, instead of risking waiting for the July loading cycle, on concerns over the downturn persisting.

In the Russian grades segment, aggressive offers for Sokol were heard by traders as offers for June-loading barrels of Sokol were seen in the range of a discount of 50 cents/b to \$1/b to August ICE Brent, DES Shandong, traders added.

India's Reliance was heard to have bought two cargoes worth of Sokol crude, which amounts to approximately 1.5 million barrels, for its Jamnagar refinery, trader sources added. Price levels for the trade could not be ascertained at the time of writing.

Platts is part of S&P Global Commodity Insights.

## Platts Asia Light Sweet Crude Daily Rationale & Exclusions

ESPO FOB Kozmino Mo01 Spore vs Dubai Mo01 <AASEU00> assessment rationale: The ESPO M1 June assessment April 22 took into consideration latest trade indications heard in the broader market.

Exclusions: No market data was excluded from the Asia-Pacific crude Market on Close assessment process.

Platts is part of S&P Global Commodity Insights.

## Platts Asia Light Sweet Crude Bids, Offers, Trades

Bids: NIL Offers: NIL Trades: NIL

This assessment commentary applies to the following market data code: ESPO M1 vs Dubai M2 <AASEU00>

## **Subscriber Notes**

# Platts includes SA Europe FSU in Singapore fuel oil cargo, ex-wharf bunker MOC from April 23

Platts, part of S&P Global Commodity Insights, has included the vessel SA Europe as an additional loading point in its Platts Singapore Market on Close assessment process for cargo and ex-wharf bunkers for marine fuel 0.5% and 380 CST HSFO from April 23, 2025.

SA Europe (IMO 9235268) is operated by Southern Ace Marine Sdn. Bhd. as a floating storage unit at Tanjung Pelapas, within Johor Bahru Port Limits in southern Malaysia's Johor state.

Platts first proposed including the FSU as an additional loading point in a subscriber note published March 12.

There are now 12 FSUs approved as additional loading points in the FOB Singapore cargo and exwharf bunkers MOC process for Marine Fuel 0.5% and 380 CST HSFO. The standards applicable to approved FSUs require that sellers specifically name the vessel used as a loading point at the time of submitting offers to Platts for publishing.

Any offer of oil from vessels accredited for the FOB Singapore cargo and ex-wharf bunkers MOC process for marine fuel 0.5% and 380 CST HSFO would be on an FOB FSU basis.

Sellers cannot unilaterally nominate an approved vessel as a loading point in FOB Straits trades.

Please send all feedback and comments to asia\_products@spglobal.com and pricegroup@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by S&P Global for public viewing. S&P Global will consider all comments received and make comments not marked as confidential available upon request.

### Platts proposes including Southern Emperor FSU in Singapore fuel oil cargo, ex-wharf bunker MOC from May 30

Platts, part of S&P Global Commodity Insights, is proposing the inclusion of the vessel Southern Emperor as an additional loading point in its Singapore Market on Close assessment process for cargo and exwharf bunkers for marine fuel 0.5% and 380 CST HSFO from May 30, 2025.

Southern Emperor (IMO 9294068) is operated by Southern Ace Marine Sdn. Bhd. as a floating storage unit at Kukup, Malaysia.

There are currently 11 FSUs approved as additional loading points in the FOB Singapore cargo and exwharf bunkers MOC process for marine fuel 0.5% and 380 CST HSFO. The standards applicable to approved FSUs require that sellers specifically name the vessel

used as a loading point at the time of submitting offers to S&P Global for publishing.

Any offer of oil from vessels accredited for the FOB Singapore cargo and ex-wharf bunkers MOC process for marine fuel 0.5% and 380 CST HSFO would be on FOB FSU basis.

Sellers cannot unilaterally nominate an approved vessel as a loading point in FOB Straits trades.

Please send all feedback and comments by May 2, 2025 to asia\_products@spglobal.com and pricegroup@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by S&P Global for public viewing.

S&P Global will consider all comments received and make comments not marked as confidential available upon request.

### End April-early May publishing schedule for Platts Japan Domestic Oil

The Tokyo office of S&P Global Commodity Insights will be closed on April 29 for Showa Day, May 5 for Children's Day and May 6 for Greenery Day observance, and there will be no Japan domestic oil products assessments or commentaries on these days.

The normal Tokyo publishing schedules will resume on April 30 and May 7.

For full details of Commodity Insights' publishing schedule and services affected, refer to <a href="https://www.spglobal.com/commodity-insights/en/pricing-benchmarks/our-methodology/holiday.">https://www.spglobal.com/commodity-insights/en/pricing-benchmarks/our-methodology/holiday.</a>

For queries, please contact <u>asia\_oilproducts@spglobal.com</u> and <u>pricegroup@spglobal.com</u>.

## Platts to suspend publication of several carbon intensity price premiums effective May 15

Platts, part of S&P Global Commodity Insights, will suspend the publication of its Crude Oil, Refined

Products, and Natural Gas carbon intensity premiums, as well as its US Gulf Coast Methanol and APAC LNG carbon accounted values, effective May 15.

This follows a decision note from the S&P Global Commodity Insights analytics team to temporarily suspend its monthly carbon intensity values.

No carbon intensity premiums for metal commodities will be affected. However, the following commodities' CI premiums and costs will be impacted:

## Crude, Refined Products Carbon Intensity Premiums, and Natural Gas Carbon Intensity Costs

A full list of Platts' crude, refined products, and natural gas CI premiums and costs which will be suspended effective May 15 can be found in the Carbon Intensity and Low Carbon Markets Specifications Guide.

These assessments appear in Crude Oil Marketwire, Gas Daily, Asia-Pacific-Arab Gulf Marketscan, European Marketscan, US Marketscan; and in the fixed pages AGP1927, PGA4200, PCR4200, PGA4201, PCR4201, PGA4202, PCR4202, PGA4203, PCR4203, PGA4204, PCR4204, PGA4205, PCR4205, PGA4206, PCR4206, PGA4207, and PRF4207.

#### Carbon-accounted Methanol

The following Carbon-Accounted Methanol assessments will also be impacted:

| Symbol  | Assessment Description   |
|---------|--|
| MECAU00 | Methanol Carbon-Accounted FOB USGC Mo01 USD/mt                       |
| MECAW00 | Methanol Carbon-Accounted FOB USGC Mo02 USD/mt                       |
| MECAC00 | Methanol Carbon-Accounted FOB USGC Mo01 cents/gal                    |
| MECAD00 | Methanol Carbon-Accounted FOB USGC Mo02 cents/gal                    |
| MBCAU00 | 100% Methanol Marine Fuel (100 MMF) Delivered Houston<br>USD/mt      |
| MBCAX00 | 20% Methanol Marine Fuel (20 MMF) Delivered Houston USD/<br>mt       |
| MBCAU03 | 100% Methanol Marine Fuel (100 MMF) Delivered Houston<br>USD/mt MAvg |
| MBCAU04 | 100% Methanol Marine Fuel (100 MMF) Delivered Houston<br>USD/mt WAvg |
| MBCAX03 | 20% Methanol Marine Fuel (20 MMF) Delivered Houston USD/<br>mt MAvg  |

| MBCAX04 | 20% Methanol Marine Fuel (20 MMF) Delivered Houston USD/<br>mt WAvg |
|---------|---|
| MECAC03 | Methanol Carbon-Accounted FOB USGC Mo01 cents/gal MAvg              |
| MECAC04 | Methanol Carbon-Accounted FOB USGC Mo01 cents/gal WAvg              |
| MECAD03 | Methanol Carbon-Accounted FOB USGC Mo02 cents/gal MAvg              |
| MECAD04 | Methanol Carbon-Accounted FOB USGC Mo02 cents/gal WAvg              |
| MECAU03 | Methanol Carbon-Accounted FOB USGC Mo01 USD/mt MAvg                 |
| MECAU04 | Methanol Carbon-Accounted FOB USGC Mo01 USD/mt WAvg                 |
| MECAW03 | Methanol Carbon-Accounted FOB USGC Mo02 USD/mt MAvg                 |
| MECAW04 | Methanol Carbon-Accounted FOB USGC Mo02 USD/mt WAvg                 |

These assessments appear in Bunkerwire, Bunkerwire Monthly, Solventswire, and Europe and Americas Petrochemicals; as well as in the fixed pages PGB3963, PCA0199, PCA0242, PCA0347, PCA0447, PCA0198, PCA0541, PCA0872, PCA1568, PGB0560, and PGB3964.

#### **Carbon Accounted LNG**

The following Carbon Accounted LNG assessments will be impacted:

| Symbol  | Assessment Description                                    |
|---------|---|
| ACNLA03 | CAL WTT JKTC Differential (ex-Australia) MAvg             |
| ACNLB00 | CAL WTT JKTC Differential (ex-Australia)                  |
| ACNLD03 | CAL WTT JKTC Differential (ex-Australia) Cumulative MAvg  |
| ACNLF00 | CAL WTW JKTC Differential (ex-Australia)                  |
| ACNLF03 | CAL WTW JKTC Differential (ex-Australia) MAvg             |
| ACNLG00 | CAL DES JKTC Differential (ex-Australia)                  |
| ACNLG03 | CAL DES JKTC Differential (ex-Australia) MAvg             |
| ACNLH03 | CAL WTW JKTC Differential (ex-Australia) Cumulative MAvg  |
| ACNLI03 | CAL DES JKTC Differential (ex-Australia) Cumulative MAvg  |
| ACNLL00 | CAL WTW Australia-JKTC (Removals Credits)                 |
| ACNLL03 | CAL WTW Australia-JKTC (Removals Credits) MAvg            |
| ACNLM00 | CAL WTW Australia-JKTC (Removals Credits) Cumulative MAvg |

These assessments appear in LNG Daily, and in the fixed pages LNG3000 and LNG3001.

Please send all comments, feedback, and questions to platts\_carbon@spglobal.com, petchems@spglobal.com,LNGeditorialteam@spglobal.com, and pricegroup@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing.

Platts will consider all comments received and will make comments not marked as confidential available upon request.

## S&P Global Commodity Insights to suspend Carbon Intensities for a number of commodities from May 14

The S&P Global Commodity Insights Analytics team will suspend its Crude, Refined Product, Natural Gas, LNG, and Methanol Carbon Intensities as of May 14, 2025, with plans to resume in mid-July. Further details of any methodology changes will be communicated prior to the resumption of the data publications.

The suspension will affect the following symbols:

| Symbol  | Commodity<br>Category | Description                     | Symbol  | Commodity<br>Category | Description           |
|---------|-----------------------|---------------------------------|---------|-----------------------|-----------------------|
| ACOFX00 | Crude                 | Agbami-Ekoli<br>Grade           | BZRDC40 | Crude                 | Buzzard               |
| ACOFK00 | Crude                 | Al Jurf Grade                   | CAMCC40 | Crude                 | CA-Coast              |
| AMGRH41 | Crude                 | Alaskan<br>North Slope<br>Grade | AMGNK40 | Crude                 | Canadon<br>Seco       |
| AGINK41 | Crude                 | Al-Shaheen<br>Grade             | CNTLC40 | Crude                 | Cantarell             |
| ACOFO00 | Crude                 | Arab Heavy<br>Grade             | CAPTC40 | Crude                 | Captain               |
| AGINN41 | Crude                 | Arab Light<br>Grade             | CARDC40 | Crude                 | Cardium<br>Shale      |
| ACOFN00 | Crude                 | Arab Medium<br>Grade            | AMGNQ40 | Crude                 | Castilla              |
| ACOFL00 | Crude                 | Arab XL<br>Grade                | CATCC40 | Crude                 | Catcher               |
| ACOFM00 | Crude                 | Arabian<br>Super Light<br>Grade | CHINC40 | Crude                 | Chinook               |
| ACOGA00 | Crude                 | Azeri Light<br>Grade            | AMGPB40 | Crude                 | Chuc                  |
| AMGRJ41 | Crude                 | Bakken<br>Grade                 | CLAIC40 | Crude                 | Clair                 |
| ACOFD00 | Crude                 | Basrah Heavy<br>Grade           | CLYDC40 | Crude                 | Clyde                 |
| ACOFF00 | Crude                 | Basrah Light<br>Grade           | CDLKC40 | Crude                 | Cold-Lake             |
| ACOFY00 | Crude                 | Bonga Grade                     | CORMC40 | Crude                 | Cormorant             |
| ACOFZ00 | Crude                 | Bozhong<br>Grade                | AMGN040 | Crude                 | Cupiagua              |
| BXREC41 | Crude                 | Brent Grade                     | CUSIC40 | Crude                 | Cusiana               |
| AMGLU41 | Crude                 | Canadon<br>Seco Grade           | AMGNT40 | Crude                 | Cuyabeno              |
| AMGLH41 | Crude                 | Castilla<br>Blend Grade         | CVECC40 | Crude                 | CVE Christina<br>Lake |
| ACOFG00 | Crude                 | CPC Blend<br>Grade              | DENVC40 | Crude                 | Denver-<br>Julesburg  |
| AMGMB41 | Crude                 | Cuban Heavy<br>Grade            | DEVIC40 | Crude                 | Devils-Tower          |
| ACOFW00 | Crude                 | Cusiana<br>Grade                | DUKHC40 | Crude                 | Dukhan                |
|         |                       |                                 |         |                       |                       |

| AGINM41 | Crude | Das Blend<br>Grade         | EGFDC40 | Crude | Eagle Ford               |
|---------|-------|----------------------------|---------|-------|--------------------------|
| AGINI41 | Crude | Dubai Grade                | EDVAC40 | Crude | Edvard-Grieg             |
| AMGRI41 | Crude | Eagle Ford<br>Grade        | EKFSC40 | Crude | Ekofisk                  |
| EXKOC41 | Crude | Ekofisk<br>Grade           | AMRGY40 | Crude | ElBunduq                 |
| ACOFI00 | Crude | El Sharara<br>Grade        | AMGNJ40 | Crude | ElMedanito               |
| ACOFJ00 | Crude | Es Sider<br>Grade          | EMBLC40 | Crude | Embla                    |
| AMGLV41 | Crude | Escalante<br>Grade         | AMGNL40 |       | Escalante                |
| ACOFP00 | Crude | ESPO Grade                 | EUROC40 | Crude | Europa                   |
| ACOFC00 | Crude | Foroozan<br>Grade          | EVERC40 | Crude | Everest                  |
| FXORC41 | Crude | Forties Grade              | AMRGN40 | Crude | Falah                    |
| AMGMK41 | Crude | Galeota Mix<br>Grade       | FATEC40 | Crude | Fateh                    |
| ACOFU00 | Crude | Hebron<br>Grade            | FIREC40 | Crude | Firebag                  |
| ACOFV00 | Crude | Hibernia<br>Grade          | FORTC40 | Crude | Forties                  |
| ACOFA00 | Crude | Iranian Heavy<br>Grade     | FOSTC40 | Crude | Foster Creek             |
| ACOFB00 | Crude | Iranian Light<br>Grade     | FRAMC40 | Crude | Fram                     |
| AMGMI41 | Crude | Istmo Grade                | AMGPD40 | Crude | Galeota<br>(Trintes)     |
| AMGLW41 | Crude | Jubarte<br>Grade           | GANNC40 | Crude | Gannet-Area              |
| ACOFE00 | Crude | Kirkuk Grade               |         |       | Ghawar                   |
| ACOFH00 | Crude | Kuwait Grade               |         | Crude | Girassol                 |
| AMGME41 | Crude | Liza Grade                 | GOLDC40 | Crude | Golden-Eagle             |
| ACOFR00 | Crude | Mars Grade                 | GOLIC40 | Crude | Goliat                   |
| AMGMJ41 | Crude | Maya Grade                 | GRANC40 | Crude | Grane                    |
| AMGLT41 | Crude | Medanito<br>Grade          | GREAC40 | Crude | Great-White              |
| AMGML41 | Crude | Merey 16<br>Grade          | GULFC40 | Crude | Gulf-Coast-<br>Louisiana |
| AMGRN41 | Crude | Mixed Sweet<br>Blend Grade | GULLC40 | Crude | Gullfaks                 |
| AGINP41 | Crude | Murban<br>Grade            | AMRGT40 | Crude | Hassi<br>Messaoud        |
| AMGMD41 | Crude | Napo Grade                 | HEBRC40 | Crude | Hebron                   |
| AMGMH41 | Crude | Olmeca<br>Grade            | HEIDC40 | Crude | Heidrun                  |
| AGINJ41 | Crude | Oman Grade                 | HIBEC40 | Crude | Hibernia                 |
| AMGMC41 | Crude | Oriente<br>Grade           | HORNC40 | Crude | Horn-<br>Mountain        |
| OXSEC41 | Crude | Oseberg<br>Grade           | AMGNU40 | Crude | Ishpingo                 |
| AMGMF41 | Crude | Payara Grade               | IVARC40 | Crude | Ivar-Aasen               |
| ACOFT00 | Crude | Poseidon<br>Grade          | JAKKC40 | Crude | Jack                     |
| AMGLX41 | Crude | Roncador<br>Heavy Grade    | JACKC40 | Crude | Jackfish                 |
|         |       |                            |         |       |                          |

| AMGLZ41 | Crude | Rubiales<br>Grade                                | AMGNV40 | Crude | Jivino-Napo           |
|---------|-------|--|---------|-------|-----------------------|
| AGINO41 | Crude | Saharan<br>Blend Grade                           | JOANC40 | Crude | Joanne                |
| ACOFS00 | Crude | Thunder<br>Horse Grade                           | JSVRC40 | Crude | Johan<br>Sverdrup     |
| TXROC41 | Crude | Troll Grade                                      | AMGNM40 | Crude | Jubarte               |
| AMGLI41 | Crude | Tupi Grade                                       | JUDYC40 | Crude | Judy                  |
| AMGMG41 | Crude | Unity Gold<br>Grade                              | JULIC40 | Crude | Julia                 |
| AGINL41 | Crude | UpperZakum<br>Grade                              | AMRGU40 | Crude | Khurais               |
| ACOFQ00 | Crude | Ural Grade                                       | KIRBC40 | Crude | Kirby Lake            |
| AMGLY41 | Crude | Vasconia<br>Grade                                | KIRKC40 | Crude | Kirkuk                |
| AMGRL41 | Crude | West Texas<br>Intermediate<br>(Cushing)<br>Grade | KRAKC40 | Crude | Kraken                |
| AMGRK41 | Crude | West Texas<br>Intermediate<br>(MEH) Grade        | KUPAC40 | Crude | Kuparuk-River         |
| WXTIC41 | Crude | WTI Midland<br>Grade                             | LEOMC40 | Crude | Leo                   |
| AMGRM41 | Crude | Wyoming<br>Sweet Grade                           | AMGNW40 |       | Liza 1                |
| ACOGY00 | Crude | Agbami-Ekoli<br>Grade                            | AMGPF40 | Crude | Liza 2                |
| ACOGL00 | Crude | Al Jurf Grade                                    | LONGC40 | Crude | Long Lake             |
| AMGRH40 | Crude | Alaskan<br>North Slope<br>Grade                  | AMRGQ40 | Crude | LowerZakum            |
| AGINK40 | Crude | Al-Shaheen<br>Grade                              | LUCSC40 | Crude | Lucius                |
| ACOGP00 | Crude | Arab Heavy<br>Grade                              | MCKAC40 | Crude | MacKay River          |
| AGINN40 | Crude | Arab Light<br>Grade                              | MADAC40 | Crude | Mad-Dog               |
| ACOGO00 | Crude | Arab Medium<br>Grade                             | MAGNC40 | Crude | Magnus                |
| ACOGM00 | Crude | Arab XL<br>Grade                                 | MARIC40 | Crude | Mariner               |
| ACOGN00 | Crude | Arabian<br>Super Light<br>Grade                  | MRURC40 | Crude | Mars-Ursa             |
| ACOHB00 | Crude | Azeri Light<br>Grade                             | MARUC40 | Crude | Marun                 |
| AMGRJ40 | Crude | Bakken<br>Grade                                  | MEGCC40 |       | MEG Christina<br>Lake |
| ACOGE00 | Crude | Basrah Heavy<br>Grade                            | MONTC40 | Crude | Montney<br>Shale      |
| ACOGG00 | Crude | Basrah Light<br>Grade                            | MURBC40 | Crude | Murban                |
| ACOGZ00 | Crude | Bonga Grade                                      | AMRGX40 | Crude | Nasr                  |
| ACOHA00 | Crude | Bozhong<br>Grade                                 | NELSC40 | Crude | Nelson                |
|         |       |  |         |       | Ninian                |

| Seco Grade AMGLH40 Crude Castilla Blend Grade CPC Blend Grade CUban Heavy Grade Cusiana PRDLC40 Crude Permian-Delaware ACOGX00 Crude Das Blend Grade PRMDC40 Crude Permian-Midland Permian-Other AGINH40 Crude Dubai Grade PERMC40 Crude Permian-Other AMGRI40 Crude Eagle Ford Grade ACOGX00 Crude Fordinal PRMDC40 Crude Permian-Other AMGRI40 Crude Bless Grade PRMDC40 Crude Permian-Other AMGRI40 Crude Ekofisk POWDC40 Crude Pol Permian-Other ACOGX00 Crude Ekofisk POWDC40 Crude Pol Primrose/Wol Lake ACOGX00 Crude Es Sider Grade PRMDC40 Crude Prudhoe-Bay Primrose/Wol Lake ACOGX00 Crude Es Sider Grade PRUDC40 Crude Rashid ACOGX00 Crude Es Grade AMGN40 Crude Rashid ACOGX00 Crude Es Fordiade AMGN40 Crude Rashid ACOGX00 Crude Foroozan AMGN40 Crude Rashid Grade SAFAC40 Crude Safaniya Grade ACOGX00 Crude Forooxan AMGN40 Crude Safaniya Grade SAFAC40 Crude Safaniya SAFAC40 Crude Safaniya Grade SAFAC40 Crude Safaniya SAFAC40 Crude SAFAC40 Crude SAFAC40 Crude SAFAC40 Crude SAFAC40 Cru |         |       |                      |         |       |                      |
|--|---------|-------|----------------------|---------|-------|----------------------|
| AMGLH40 Crude Blend Grade Blend Grade CPC Blend Grade CPC Blend Grade ACOGH00 Crude Grade Cuban Heavy AMGNX40 Crude Payara Grade ACOGX00 Crude Grade PRDLC40 Crude Permian-Delaware AGINM40 Crude Ballend Grade PRMDC40 Crude Permian-Midland Permian-MidlandPermian-Midland Permian-Midland Permian-Midland Permian-Midland P | AMGLU40 | Crude |                      | AMRGS40 | Crude | Oman Basin           |
| ACOGHO Crude Grade OSEBC40 Crude Oseberg  AMGMB40 Crude Cuban Heavy AMGNX40 Crude Payara  ACOGX00 Crude Grade PRDLC40 Crude Permian- Delaware Permian- Delaware Permian- Midland Propermian- Midland Propermian- Midland Crude Dubai Grade PERMC40 Crude Permian- Other  AMGRI40 Crude Eagle Ford Grade POWDC40 Crude Pol  EXKOC40 Crude El Sharara Grade PRWC40 Crude Powder-River  ACOGJ00 Crude El Sharara Grade PRWC40 Crude Powder-River  ACOGJ00 Crude Es Sider PRWC40 Crude Primrose/Wol Lake PRWC40 Crude Prudhoe-Bay  ACOGWO Crude Es Sider PRWDC40 Crude Rashid  ACOGWO Crude ESPO Grade AMGNN40 Crude Rashid  ACOGWO Crude Fortoczan AMGNP40 Crude Rubiales  EXXOC40 Crude Fortoczan AMGNP40 Crude Rubiales  EXXOC40 Crude Fortoczan AMGNP40 Crude Rubiales  ACOGWO Crude Fortoczan AMGNP40 Crude Sacha  ACOGWO Crude Fortoczan AMGNP40 Crude Sacha  ACOGWO Crude Fortoczan SAFAC40 Crude Sacha  ACOGWO Crude Fortoczan SAMOC40 Crude Sacha  ACOGWO Crude Fortoczan SAM | AMGLH40 | Crude | Castilla             | ORINC40 | Crude |                      |
| ACOGXOO Crude Cusiana Grade PRDLC40 Crude Delaware Delaware PRMDC40 Crude Permian-Delaware PRMDC40 Crude Permian-Midland Permian-Midland Permian-Midland Permian-Midland Permian-Midland Permian-Other Procession | ACOGH00 | Crude | Grade                |         |       | Oseberg              |
| ACOGXOO Crude Grade PRDLC40 Crude Permian- Midland AGINI40 Crude Dubai Grade PERMC40 Crude Permian- Other  AGINI40 Crude Dubai Grade PERMC40 Crude Pol  Eagle Ford Grade POWDC40 Crude Pol  EXKOC40 Crude EL Koffisk Grade PRWC40 Crude Powder-River Grade ACOGJ00 Crude EL Sharara Grade ACOGK00 Crude ES Sider Grade AMGLV40 Crude ES Sider Grade ACOGK00 Crude ESPO Grade AMGNN40 Crude Roncador ACOGM00 Crude ESPO Grade AMGNN40 Crude Roncador ACOGM00 Crude ESPO Grade AMGNN40 Crude Roncador ACOGM00 Crude Forties Grade AMGNN40 Crude Roncador ACOGM00 Crude Forties Grade RUMAC40 Crude Rumaila Galeota Mix Grade ACOGM00 Crude Forties Grade RUMAC40 Crude Sacha Hebron Grade SAFAC40 Crude Sacha Hebron Grade SAFAC40 Crude Safaniya ACOGM00 Crude Forties Grade SAFAC40 Crude Safaniya ACOGM00 Crude Forties Grade SALIC40 Crude Samotlor Grade ACOGM00 Crude Forties Grade SALIC40 Crude Sacha Hebron Grade SAFAC40 Crude Safaniya ACOGM00 Crude Forties Grade SALIC40 Crude Salina Iranian Heavy SAMOC40 Crude Samotlor Grade ACOGM00 Crude Forties Grade SALIC40 Crude Samotlor Grade ACOGM00 Crude Forties Grade SALIC40 Crude San-Joaquin SAMMI40 Crude Forties Grade SCHIC40 Crude San-Joaquin SACOGM00 Crude Forties SAMOC40 Crude San-Joaquin Franian Light Grade SCHIC40 Crude Schiehallion ACOGM00 Crude Kirkuk Grade SCHIC40 Crude Schiehallion ACOGM00 Crude Kirkuk Grade SCHIC40 Crude Schiehallion ACOGM00 Crude Mars Grade SCOOC40 Crude Schiehallion ACOGM00 Crude Mars Grade SCOTC40 Crude Scoott Scoott ACOGM00 Crude Mars Grade SCOTC40 Crude Scoott Scoott Merey 16 STATC40 Crude Scoott Subshindinindinger Scoope Sco | AMGMB40 | Crude | Cuban Heavy<br>Grade | AMGNX40 | Crude | Payara               |
| AGINIMAD Crude Grade PRMDC40 Crude Midland AGINI40 Crude Dubai Grade PERMC40 Crude Permian- Other  AMGRI40 Crude Eagle Ford Grade PRMWC40 Crude Powder-River Grade EL Sharara Grade PRMWC40 Crude Primrose/Wol Lake  ACOGJ00 Crude Es Sider Grade PRUDC40 Crude Prudhoe-Bay  ACOGKO0 Crude Es Sider Grade AMGNC40 Crude Rashid  ACOGG00 Crude ESPO Grade AMGNN40 Crude Rashid  ACOGG00 Crude Forties GradeRUMAC40 Crude Rubiales  FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila  ACOGWO0 Crude Forties GradeRUMAC40 Crude Sacha  ACOGWO0 Crude Forties GradeRUMAC40 Crude Sacha  ACOGWO0 Crude Forties GradeRUMAC40 Crude Sacha  ACOGWO0 Crude Hebron Grade  ACOGWO0 Crude Hibernia Grade SALIC40 Crude Salina  ACOGWO0 Crude Hibernia Grade SALIC40 Crude Samotlor  ACOGWO0 Crude Iranian Heavy SAMOC40 Crude Samotlor  ACOGG00 Crude Istmo Grade AMGPE40 Crude San-Joaquin  AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar  AMGMI40 Crude Istmo Grade AMGPE40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Kuwait Grade SCOOC40 Crude Schiehallion  ACOGF00 Crude Mars Grade SHENC40 Crude Schiehallion  AMGMI40 Crude Maya Grade SCOTC40 Crude Schiehallion  AMGMI40 Crude Maya Grade SCOTC40 Crude Schiehallion  AMGMI40 Crude Maya Grade SCOTC40 Crude Scott  AMGMMI40 Crude Maya Grade SCOTC40 Crude Scott  AMGMMI40 Crude Maya Grade SCOTC40 Crude Scott  AMGMMI40 Crude Maya Grade SHENC40 Crude Scott  AMGMMI40 Crude Maya Grade STATC40 Cru | ACOGX00 | Crude |                      | PRDLC40 | Crude |                      |
| AGINI40 Crude Dubai Grade PERMIC40 Crude Other  AMGRI40 Crude Grade AMGPC40 Crude Pol  ExKOC40 Crude Ekofisk Grade PRMWC40 Crude Powder-River  ACOGJ00 Crude El Sharara Grade PRMWC40 Crude Primrose/Wol Lake  ACOGK00 Crude Es Sider Grade PRUDC40 Crude Prudhoe-Bay  AMGLV40 Crude Escalante AMRG040 Crude Rashid  ACOGG00 Crude ESPO Grade AMGNN40 Crude Roncador  ACOGD00 Crude Foroozan AMGNP40 Crude Rubiales  FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila  AMGMK40 Crude Galeota Mix Grade SALIC40 Crude Safaniya  ACOGW00 Crude Hebron Grade SALIC40 Crude Safaniya  ACOGW00 Crude Grade SALIC40 Crude Safaniya  ACOGW00 Crude Hibernia Grade SALIC40 Crude Samotlor  ACOGW00 Crude Grade SANMC40 Crude San-Joaquin  ACOGW00 Crude Hibernia SANMC40 Crude San-Joaquin  ACOGW00 Crude Grade SCHIC40 Crude Santa Barbar  ACOGW00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGG00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCOCC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Mars Grade SCOCC40 Crude Schiehallion  ACOGF00 Crude Mars Grade SCOCC40 Crude Schiehallion  AMGMM40 Crude Maya Grade AMGNS40 Crude Scott  ACOGS00 Crude Mars Grade SCOCC40 Crude Scott  AMGMM40 Crude Maya Grade AMGNS40 Crude Shushufindi-Aguarico  AMGMI40 Crude Medanito SNORC40 Crude Scott  AMGRN40 Crude Medanito SNORC40 Crude Statfjord  AMGRN40 Crude Blend Grade  AMGRN40 Crude Medanito Grade  AMGRN40 Crude Medan | AGINM40 | Crude |                      | PRMDC40 | Crude |                      |
| AMGRI40 Crude Grade AMGPC40 Crude Policy Crude Ekofisk Grade PRMWC40 Crude Powder-River El Sharara Grade PRUDC40 Crude Primrose/Wol Lake Es Sider Grade PRUDC40 Crude Prudhoe-Bay Escalante Grade AMGLV40 Crude Espo Grade AMGNV40 Crude Rashid Grade ACOGQ00 Crude ESPO Grade AMGNV40 Crude Roncador Foroozan AMGNV40 Crude Rubiales FXORC40 Crude Forties Grade AMGNV40 Crude Rumaila Galeota Mix Grade ACOGV00 Crude Grade ACOGV00 Crude Grade SACHC40 Crude Safaniya Grade ACOGV00 Crude Grade SACHC40 Crude Safaniya Grade ACOGV00 Crude Grade SALIC40 Crude Safaniya Grade ACOGV00 Crude Grade SALIC40 Crude Salina Grade ACOGV00 Crude Grade SANMC40 Crude Samotlor Grade ACOGV00 Crude Grade SANMC40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Kirkuk Grade SCHIC40 Crude Schiehallion ACOGV00 Crude Mars Grade SCOTC40 Crude Scott Scott Schiehallion ACOGV00 Crude Mars Grade SCOTC40 Crude Scott Schiehallion ACOGV00 Crude Mars Grade SCOTC40 Crude Scott Schiehallion ACOGV00 Crude Mars Grade SCOTC40 Crude Scott Schiehallion  | AGINI40 | Crude | Dubai Grade          | PERMC40 | Crude |                      |
| ACOGNOO Crude Grade PRMWC40 Crude Primrose/Wol Lake  ACOGKOO Crude El Sharara Grade PRUDC40 Crude Prudhoe-Bay  AMGLV40 Crude Essider Grade AMRG040 Crude Rashid  ACOGGOO Crude ESPO Grade AMGNN40 Crude Roncador  ACOGDOO Crude Foroozan AMGNN40 Crude Rubiales  FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila  AMGMK40 Crude Grade AMGNN40 Crude Rumaila  AMGMK40 Crude Forties GradeRUMAC40 Crude Rumaila  ACOGVOO Crude Forties GradeRUMAC40 Crude Safaniya  ACOGWOO Crude Hebron Grade AMGNV40 Crude Safaniya  ACOGWOO Crude Hibernia Grade SALIC40 Crude Samotlor  ACOGBOO Crude Iranian Heavy SAMOC40 Crude Samotlor  ACOGCOO Crude Iranian Light Grade AMGNV40 Crude Santa Barbar  AMGMI40 Crude Istmo Grade AMGPE40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGFOO Crude Kuwait Grade SCOCC40 Crude Schiehallion  ACOGFOO Crude Mars Grade AMGNS40 Crude Schiehallion  ACOGSOO Crude Mars Grade SHENC40 Crude Schiehallion  AMGMI40 Crude Maya Grade AMGNS40 Crude Schott  AMGMMAD Crude Maya Grade AMGNS40 Crude Schott  AMGMMAD Crude Maya Grade AMGNS40 Crude Schott  AMGMI40 Crude Mars Grade SCOTC40 Crude Schott  AMGMMAD Crude Maya Grade AMGNS40 Crude Schott  AMGMI40 Crude Maya Grade AMGNS40 Crude Schott  AMGMI40 Crude Maya Grade AMGNS40 Crude Schott  AMGMI40 Crude Maya Grade STATC40 Crude Schott  AMGMI40 Crude Medanito SNORC40 Crude Schott  AMGMI40 Crude Medanito SNORC40 Crude Schott  AMGMI40 Crude Merey 16 STATC40 Crude Statfjord  AMGMNA0 Crude Mixed Sweet Blend Grade  AMGRNA0 Crude Mixed Sweet Blend Grade  AMGNNA0 Crude Mixed Sunrise  | AMGRI40 | Crude | 0                    | AMGPC40 | Crude | Pol                  |
| ACOGJOO Crude Grade PRWC40 Crude Lake  ACOGKOO Crude Grade PRUDC40 Crude Prudhoe-Bay  AMGLV40 Crude Es Sider Grade AMRG040 Crude Rashid  ACOGGOO Crude ESPO Grade AMGNN40 Crude Roncador  ACOGDOO Crude Forties GradeRUMAC40 Crude Rubiales  FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila  AMGMK40 Crude Galeota Mix Grade SACHC40 Crude Safaniya  ACOGWOO Crude Hebron SAFAC40 Crude Safaniya  ACOGWOO Crude Grade SALIC40 Crude Safaniya  ACOGWOO Crude Grade SALIC40 Crude Samotlor  Grade SALIC40 Crude Samotlor  Grade SALIC40 Crude Sanation  ACOGGOO Crude Iranian Heavy SAMOC40 Crude Sanation  ACOGCOO Crude Iranian Light Grade  ACOGCOO Crude Istmo Grade AMGPE40 Crude Santa Barbar  AMGIW40 Crude Istmo Grade AMGPE40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGGOO Crude Kirkuk Grade SCOCC40 Crude Schiehallion  ACOGGOO Crude Kuwait Grade SCOCC40 Crude Schiehallion  ACOGGOO Crude Mars Grade SHENC40 Crude Schenzi  AMGME40 Crude Maya Grade AMGNS40 Crude Schenzi  AMGMS40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGML40 Crude Maya Grade STATC40 Crude Statfjord  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet StONC40 Crude Stones  Blend Grade  AMGNS40 Crude Sunrise  | EXKOC40 | Crude | Grade                | POWDC40 | Crude | Powder-River         |
| ACOGROU Crude Grade PRODC40 Crude Prudnoe-Bay AMGLV40 Crude Escalante Grade AMRGO40 Crude Rashid ACOGQ00 Crude ESPO Grade AMGNN40 Crude Rubiales FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila AMGMK40 Crude Galeota Mix Grade ACOGW00 Crude Hebron Grade SAFAC40 Crude Safaniya ACOGW00 Crude Hibernia Grade SALIC40 Crude Salina ACOGW00 Crude Hibernia Grade SALIC40 Crude Samotlor ACOGW00 Crude Hibernia Grade SAMOC40 Crude Samotlor ACOGW00 Crude Iranian Heavy SAMOC40 Crude San-Joaquin ACOGC00 Crude Iranian Light Grade SCHIC40 Crude Santa Barbar AMGIW40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCOC40 Crude Schiehallion ACOGF00 Crude Kuwait Grade SCOC40 Crude Schiehallion ACOGF00 Crude Mars Grade SHENC40 Crude Schiehallion ACOGS00 Crude Mars Grade SHENC40 Crude Schenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Schenzi AMGMJ40 Crude Maya Grade SHENC40 Crude Shenzi AMGMJ40 Crude Maya Grade SHENC40 Crude Shenzi AMGMJ40 Crude Maya Grade STATC40 Crude Shenzi AMGMJ40 Crude Maya Grade STATC40 Crude Shenzi AMGMJ40 Crude Merey 16 Grade STATC40 Crude Statfjord AMGRN40 Crude Mixed Sweet Blend Grade AMGRN40 Crude Mixed Sweet Blend Grade AMGNP40 Crude Murban Grade SUNRC40 Crude Sunrise  | ACOGJ00 | Crude | Grade                | PRMWC40 | Crude | Primrose/Wol<br>Lake |
| AMGLV40 Crude Grade AMRGU40 Crude Rashid ACOGQ00 Crude ESPO Grade AMGNN40 Crude Roncador Foroozan AMGNP40 Crude Rubiales FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila AMGMK40 Crude Grade SACHC40 Crude Sacha ACOGV00 Crude Hebron SAFAC40 Crude Safaniya ACOGW00 Crude Hibernia Grade SALIC40 Crude Salina ACOGW00 Crude Hibernia Grade SALIC40 Crude Samotlor Grade ACOGB00 Crude Iranian Heavy SAMOC40 Crude San-Joaquin ACOGC00 Crude Iranian Light Grade SCHIC40 Crude Santa Barbar AMGMI40 Crude Istmo Grade AMGPE40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kuwait Grade SCOCC40 Crude SCOOP-STACK AMGME40 Crude Liza Grade SCOCC40 Crude Schenzi AMGMM40 Crude Mars Grade SHENC40 Crude Schenzi AMGMJ40 Crude Mars Grade SHENC40 Crude Shenzi AMGMJ40 Crude Mars Grade SNORC40 Crude Shenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi AMGMJ40 Crude Mars Grade STATC40 Crude Shenzi AMGML40 Crude Mars Grade STATC40 Crude Statfjord AMGML40 Crude Merey 16 Grade AMGRAMORANO Crude Mixed Sweet Blend Grade AMGRAMORANO Crude Mixed Sweet Blend Grade AMGNAMORANO Crude Mixed Sweet Stones  | ACOGK00 | Crude | Grade                | PRUDC40 | Crude | Prudhoe-Bay          |
| ACOGDOO Crude Foroozan Grade AMGNP40 Crude Rubiales FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila AMGMK40 Crude Galeota Mix Grade ACOGVOO Crude Hebron Grade SAFAC40 Crude Safaniya ACOGWOO Crude Hibernia SALIC40 Crude Salina ACOGWOO Crude Grade SAMOC40 Crude Salina ACOGBOO Crude Iranian Heavy SAMOC40 Crude Samotlor ACOGCOO Crude Iranian Light Grade SAMMC40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGFOO Crude Kirkuk Grade SCOCC40 Crude SCOOP-STACK ACOGFOO Crude Mars Grade SCOTC40 Crude Schiehallion ACOGSOO Crude Mars Grade SCOCC40 Crude Schiehallion ACOGSOO Crude Mars Grade SCOCC40 Crude Schenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Schenzi AMGMJ40 Crude Maya Grade SCOCC40 Crude Schenzi AMGMJ40 Crude Maya Grade SCOCC40 Crude Schenzi AMGMJ40 Crude Maya Grade SCOCC40 Crude Schenzi AMGMJ40 Crude Merey 16 Grade SCOCC40 Crude Statfjord AMGRN40 Crude Mixed Sweet Blend Grade AMGRN40 Crude Mixed Sweet Blend Grade AMGRN40 Crude Mixed Sweet Blend Grade AMGNP40 Crude Murban Grade SUNRC40 Crude Sunrise  | AMGLV40 | Crude |                      | AMRGO40 | Crude | Rashid               |
| ACOGDOO Crude Grade AMGNP40 Crude Rubiales FXORC40 Crude Forties GradeRUMAC40 Crude Rumaila AMGMK40 Crude Galeota Mix Grade ACOGV00 Crude Hebron Grade SAFAC40 Crude Safaniya ACOGW00 Crude Hibernia Grade ACOGBO0 Crude Iranian Heavy SAMOC40 Crude Samotlor ACOGC00 Crude Iranian Light Grade ACOGC00 Crude Iranian Light Grade SANMC40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude SCOOP-STACK AMGME40 Crude Liza Grade SCOCC40 Crude Scott ACOGS00 Crude Mars Grade AMGNS40 Crude Scott AMGMMJ40 Crude Maya Grade AMGNS40 Crude Scott AMGMMJ40 Crude Maya Grade AMGNS40 Crude Schiehallion AMGMI40 Crude Maya Grade SCOCC40 Crude Scott ACOGS00 Crude Mars Grade SCOTC40 Crude Scott AMGMMJ40 Crude Maya Grade AMGNS40 Crude Shenzi AMGMI40 Crude Maya Grade AMGNS40 Crude Shenzi AMGMI40 Crude Maya Grade SNORC40 Crude Shenzi AMGMI40 Crude Maya Grade STATCK0 Crude Shorre AMGMI40 Crude Medanito Grade AMGNI40 Crude Merey 16 STATC40 Crude Statfjord AMGRN40 Crude Mixed Sweet Blend Grade AMGNI40 Crude Mixed Sweet Blend Grade AMGNI40 Crude Murban Grade SUNRC40 Crude Sunrise   | ACOGQ00 | Crude |                      | AMGNN40 | Crude | Roncador             |
| AMGMK40 Crude Galeota Mix Grade SACHC40 Crude Sacha  ACOGV00 Crude Hebron SAFAC40 Crude Safaniya  ACOGW00 Crude Hibernia Grade SALIC40 Crude Salina  ACOGW00 Crude Hibernia SALIC40 Crude Salina  ACOGB00 Crude Iranian Heavy Grade SANMC40 Crude Samotlor  ACOGC00 Crude Iranian Light Grade  ACOGC00 Crude Istmo Grade AMGPE40 Crude Santa Barbar  AMGMI40 Crude Istmo Grade SCHIC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGF00 Crude Kuwait Grade SCOCC40 Crude SCOOP-STACK  AMGME40 Crude Liza Grade SCOTC40 Crude Scott  ACOGS00 Crude Mars Grade SHENC40 Crude Schenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Meanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade STATC40 Crude Statfjord  AMGRN40 Crude Mixed Sweet Blend Grade  AMGNN40 Crude Sunrise  Mixed Sweet Blend Grade  Mixed Sunrise  AMGINP40 Crude Grade SUNRC40 Crude Stones  Murban Grade SUNRC40 Crude Sunrise   | ACOGD00 | Crude |                      | AMGNP40 | Crude | Rubiales             |
| AMGMK40 Crude Grade SACHC40 Crude Sacha ACOGV00 Crude Hebron SAFAC40 Crude Safaniya ACOGW00 Crude Hibernia Grade SALIC40 Crude Salina ACOGW00 Crude Grade SAMOC40 Crude Salina ACOGG00 Crude Iranian Heavy SAMOC40 Crude Samotlor ACOGC00 Crude Iranian Light Grade SANMC40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Istmo Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kuwait Grade SCOC40 Crude SCOOP-STACK AMGME40 Crude Liza Grade SCOTC40 Crude Scott ACOGS00 Crude Mars Grade SHENC40 Crude Scott ACOGS00 Crude Maya Grade AMGNS40 Crude Shenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi AMGMJ40 Crude Merey 16 Grade STATC40 Crude Statfjord AMGRN40 Crude Mixed Sweet Blend Grade AMGNN40 Crude Mixed Sweet Blend Grade AMGNN40 Crude Murban Grade SUNRC40 Crude Stones AMGNN40 Crude Mixed Sweet Blend Grade Murban Grade SUNRC40 Crude Sunrise  | FXORC40 | Crude |                      | RUMAC40 | Crude | Rumaila              |
| ACOGWOO Crude Grade SALAC40 Crude Sataniya  ACOGWOO Crude Hibernia Grade  ACOGBOO Crude Iranian Heavy SAMOC40 Crude Samotlor  ACOGCOO Crude Iranian Light Grade  ACOGCOO Crude Istmo Grade AMGPE40 Crude Santa Barbar  AMGIW40 Crude Istmo Grade AMGPE40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude SCHIEME  ACOGIOO Crude Kuwait Grade SCOOC40 Crude SCOOP-STACK  AMGME40 Crude Liza Grade SCOTC40 Crude Scott  ACOGSOO Crude Mars Grade SHENC40 Crude Scott  ACOGSOO Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMI40 Crude Grade SNORC40 Crude Snorre  AMGMI40 Crude Medanito Grade STATCK0 Crude Statfjord  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet Blend Grade  AMGRN40 Crude Mixed Sweet Blend Grade  Murban Grade SUNRC40 Crude Sunrise   | AMGMK40 | Crude |                      | SACHC40 | Crude | Sacha                |
| ACOGWOO Crude Grade SALIC40 Crude Salina  ACOGBOO Crude Iranian Heavy SAMOC40 Crude Samotlor  Grade SANMC40 Crude Samotlor  Iranian Light Grade SCHRC40 Crude San-Joaquin  AMGMI40 Crude Istmo Grade AMGPE40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCHRC40 Crude Schiehallion  ACOGFOO Crude Kirkuk Grade SCOC40 Crude SCOOP-STACK  AMGME40 Crude Liza Grade SCOTC40 Crude SCOOP-STACK  AMGME40 Crude Mars Grade SCOTC40 Crude Scott  ACOGSOO Crude Mars Grade SCOTC40 Crude Scott  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGMJ40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade  AMGML40 Crude Mixed Sweet Blend Grade  AMGRN40 Crude Mixed Sweet Blend Grade  Murban Grade SUNRC40 Crude Sunrise  | ACOGV00 | Crude |                      | SAFAC40 | Crude | Safaniya             |
| ACOGCOO Crude Iranian Light Grade SANMC40 Crude San-Joaquin AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Grade SCHIC40 Crude Schiehallion ACOGFOO Crude Kirkuk Grade SCHRC40 Crude SCOP-STACK AMGME40 Crude Liza Grade SCOTC40 Crude SCOOP-STACK AMGME40 Crude Mars Grade SCOTC40 Crude Scott ACOGSOO Crude Mars Grade SHENC40 Crude Shenzi Shushufindi-Aguarico AMGLT40 Crude Grade SNORC40 Crude Snorre AMGML40 Crude Grade STATCK Grade STATCKO Crude Shenzi Shushufindi-Aguarico AMGML40 Crude Grade STATC40 Crude Statfjord Grade AMGRN40 Crude Statfjord Grade STATC40 Crude Stones Blend Grade STONC40 Crude Stones Grade AMGNA0 Crude Grade STONC40 Crude Stones Grade AMGNA0 Crude Stones Stones Grade SUNRC40 Crude Sunrise  | ACOGW00 | Crude | Grade                |         |       | Salina               |
| ACOGCOO Crude Grade SANNICAO Crude Santa Barbar AMGIM40 Crude Istmo Grade AMGPE40 Crude Schiehallion ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schiehallion ACOGF00 Crude Kuwait Grade SCOOC40 Crude SCOOP- STACK AMGME40 Crude Liza Grade SCOTC40 Crude SCOOP- STACK AMGME40 Crude Mars Grade SHENC40 Crude Scott ACOGS00 Crude Mars Grade SHENC40 Crude Shenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi AMGIT40 Crude Grade SNORC40 Crude Snorre AMGML40 Crude Merey 16 Grade STATC40 Crude Statfjord AMGRN40 Crude Mixed Sweet Blend Grade AMGNN40 Crude Grade AMGNN40 Crude Mixed Sweet Blend Grade AMGNN40 Crude Grade SUNRC40 Crude Stones AGINP40 Crude Grade SUNRC40 Crude Sunrise   | ACOGB00 | Crude | araac                | SAMOC40 | Crude | Samotlor             |
| AMGMI40 Crude Istmo Grade AMGPE40 Crude Santa Barbar AMGLW40 Crude Grade SCHIC40 Crude Schiehallion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude SCHOP- Bluff ACOGI00 Crude Kuwait Grade SCOOC40 Crude SCOOP- STACK  AMGME40 Crude Liza Grade SCOTC40 Crude Scott ACOGS00 Crude Mars Grade SHENC40 Crude Scott AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet Blend Grade  AMGRN40 Crude Mixed Sweet STONC40 Crude Stones  Mixed Sweet STONC40 Crude Stones  Mixed Sweet STONC40 Crude Stones  Mixed Sweet Blend Grade  Murban Grade SUNRC40 Crude Sunrise   | ACOGC00 | Crude |                      | SANMC40 | Crude | San-Joaquin          |
| AMGLW40 Crude Grade SCHIC40 Crude Schiehaltion  ACOGF00 Crude Kirkuk Grade SCHRC40 Crude Schrader-Bluff  ACOGI00 Crude Kuwait Grade SCOOC40 Crude SCOOP- STACK  AMGME40 Crude Liza Grade SCOTC40 Crude Scott  ACOGS00 Crude Mars Grade SHENC40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shenzi  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet Blend Grade  AMGRN40 Crude Mixed Sweet Blend Grade  AGINP40 Crude Grade SUNRC40 Crude Stones  AGINP40 Crude Sunrise   | AMGMI40 | Crude |                      | AMGPE40 | Crude | Santa Barbara        |
| ACOGIOU Crude Kirkuk Grade SCHRC40 Crude Bluff ACOGIOU Crude Kuwait Grade SCOOC40 Crude SCOOP- STACK AMGME40 Crude Liza Grade SCOTC40 Crude Scott ACOGS00 Crude Mars Grade SHENC40 Crude Shenzi AMGMJ40 Crude Maya Grade AMGNS40 Crude Shushufindi- Aguarico AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre AMGML40 Crude Merey 16 Grade AMGRN40 Crude Mixed Sweet Blend Grade AMGNN40 Crude Mixed Sweet STONC40 Crude Stones Blend Grade AGINP40 Crude Grade SUNRC40 Crude Sunrise   | AMGLW40 | Crude |                      | SCHIC40 | Crude | Schiehallion         |
| ACCIGIOU Crude Kuwait Grade SCOOC40 Crude STACK  AMGME40 Crude Liza Grade SCOTC40 Crude Scott  ACCIGSOO Crude Mars Grade SHENC40 Crude Shenzi  AMGMJ40 Crude Maya Grade AMGNS40 Crude Shushufindi- Aguarico  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet STATC40 Crude Stones  Blend Grade  AGINP40 Crude Murban Grade SUNRC40 Crude Sunrise  | ACOGF00 | Crude | Kirkuk Grade         | SCHRC40 | Crude | Bluff                |
| ACOGSO0 Crude Mars Grade SHENC40 Crude Shenzi Shushufindi-Aguarico  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade  AMGRN40 Crude Mixed Sweet Blend Grade  AGINP40 Crude Murban Grade SUNRC40 Crude Stones  Mars Grade SUNRC40 Crude Statfjord  Statfjord Stones  SUNRC40 Crude Stones  Sunrise   | ACOGI00 | Crude | Kuwait Grade         | SC00C40 | Crude |                      |
| AMGMJ40 Crude Maya Grade AMGNS40 Crude Shushufindi- Aguarico  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 Grade STATC40 Crude Statfjord  AMGRN40 Crude Mixed Sweet Blend Grade  AGINP40 Crude Grade SUNRC40 Crude Sunrise  |         |       |                      |         |       |                      |
| AMGRIT40 Crude Maya Grade AMGNS40 Crude Aguarico  AMGLT40 Crude Medanito Grade SNORC40 Crude Snorre  AMGML40 Crude Merey 16 STATC40 Crude Statfjord  AMGRN40 Crude Mixed Sweet STONC40 Crude Stones  Blend Grade SUNRC40 Crude Sunrise   | ACOGS00 | Crude | Mars Grade           | SHENC40 | Crude |                      |
| AMGLT40         Crude         Grade         SNORC40         Crude         Snorre           AMGML40         Crude         Merey 16<br>Grade         STATC40         Crude         Statfjord           AMGRN40         Crude         Mixed Sweet<br>Blend Grade         STONC40         Crude         Stones           AGINP40         Crude         Murban<br>Grade         SUNRC40         Crude         Sunrise   | AMGMJ40 | Crude |                      | AMGNS40 | Crude |                      |
| AMGRN40         Crude         Grade         STATC40         Crude         Stattjord           AMGRN40         Crude         Mixed Sweet Blend Grade         STONC40         Crude         Stones           AGINP40         Crude         Murban Grade         SUNRC40         Crude         Sunrise  | AMGLT40 | Crude | Grade                | SNORC40 | Crude | Snorre               |
| AGINP40 Crude Blend Grade STUNC40 Crude Stones  Murban SUNRC40 Crude Sunrise   | AMGML40 | Crude | Grade                |         | Crude | Statfjord            |
| AGINP40 Crude Grade SUNRC40 Crude Sunrise  | AMGRN40 | Crude | Blend Grade          | STONC40 | Crude | Stones               |
| AMGMD40 Crude Napo Grade SURMC40 Crude Surmont   | AGINP40 |       | Grade                |         |       |                      |
|  | AMGMD40 | Crude | Napo Grade           | SURMC40 | Crude | Surmont              |

| AMGMH40 | Crude | Olmeca<br>Grade                                  | TAHIC40 | Crude              | Tahiti                               |
|---------|-------|--|---------|--------------------|--------------------------------------|
| AGINJ40 | Crude | Oman Grade                                       | TNGZC40 | Crude              | Tengiz                               |
| AMGMC40 | Crude | Oriente<br>Grade                                 | THUNC40 | Crude              | Thunder-<br>Horse                    |
| OXSEC40 | Crude | Oseberg<br>Grade                                 | TIFFC40 | Crude              | Tiffany                              |
| AMGMF40 | Crude | Payara Grade                                     | TONIC40 | Crude              | Toni                                 |
| ACOGU00 | Crude | Poseidon<br>Grade                                | TROLC40 | Crude              | Troll                                |
| AMGLX40 | Crude | Roncador<br>Heavy Grade                          | AMGNZ40 | Crude              | Tsimin                               |
| AMGLZ40 | Crude | Rubiales<br>Grade                                | TUPIC40 | Crude              | Tupi                                 |
| AGINO40 | Crude | Saharan<br>Blend Grade                           | UINTC40 | Crude              | Uinta                                |
| ACOGT00 | Crude | Thunder<br>Horse Grade                           | ULACC40 | Crude              | Ula                                  |
| TXROC40 | Crude | Troll Grade                                      | AMRGW40 |                    | Umm Shaif                            |
| AMGLI40 | Crude | Tupi Grade                                       | AMRGP40 | Crude              | UpperZakum                           |
| AMGMG40 | Crude | Unity Gold<br>Grade                              | UTICC40 | Crude              | Utica                                |
| AGINL40 | Crude | UpperZakum<br>Grade                              | VALHC40 | Crude              | Valhall                              |
| ACOGR00 | Crude | Ural Grade                                       | AMGNR40 | Crude              | Varadero                             |
| AMGLY40 | Crude | Vasconia<br>Grade                                | VIKIC40 | Crude              | Viking Shale                         |
| AMGRL40 | Crude | West Texas<br>Intermediate<br>(Cushing)<br>Grade | WAHAC40 | Crude              | Waha                                 |
| AMGRK40 | Crude | West Texas<br>Intermediate<br>(MEH) Grade        | WESTC40 | Crude              | West Qurna                           |
| WXTIC40 | Crude | WTI Midland<br>Grade                             | AMGNY40 | Crude              | Xux                                  |
| AMGRM40 | Crude | Wyoming<br>Sweet Grade                           | ZUBAC40 | Crude              | Zubair                               |
| AMGPA40 | Crude | Abkatun  | ZULUC40 | Crude              | Zuluf                                |
| AMRGZ40 | Crude | Abu<br>AlBukhoosh                                | ALCEM00 | Refined<br>Product | USGC<br>Gasoline<br>CBOB             |
| AMRGV40 | Crude | AbuHadriya                                       | ALCE000 | Refined<br>Product | USGC<br>Gasoline Jet<br>Kero         |
| AGBAC40 | Crude | Agbami   | ALCEQ00 | Refined<br>Product | USGC ULSD                            |
| ALPIC40 | Crude | Alpine   | ALCEA00 | Refined<br>Product | FOB NWE<br>Gasoline-<br>Eurobob (E5) |
| AMRGR40 | Crude | Al-Shaheen                                       | ALCEC00 | Refined<br>Product | FOB NWE Jet                          |
| ALVHC40 | Crude | Alvheim  | ALCEE00 | Refined<br>Product | FOB NWE<br>ULSD 10ppm                |
| ALWYC40 | Crude | Alwyn North                                      | ALCEG00 | Refined<br>Product | FOB<br>Singapore<br>Gasoil 10ppm     |
|         |       |  |         |                    |                                      |

| ANADC40 | Crude | Anadarko          | ALCEI00 | Refined<br>Product | FOB<br>Singapore<br>Gasolineunl<br>92          |
|---------|-------|-------------------|---------|--------------------|--|
| APPOC40 | Crude | Appomattox        | ALCEK00 | Refined<br>Product | FOB<br>Singapore Jet<br>Kero                   |
| ARBRC40 | Crude | Arbroath          | ACCBG00 | Natural Gas        | Algonquin,<br>City Gates                       |
| ATLAC40 | Crude | Atlantis          | ACCAU00 | Natural Gas        | Chicago City-<br>Gates                         |
| AUGEC40 | Crude | Auger             | ACCAW00 | Natural Gas        | Dawn Ontario                                   |
| AUKCC40 | Crude | Auk               | ACCAX00 | Natural Gas        | Eastern Gas<br>South                           |
| AZERC40 | Crude | Azeri             | ACCAZ00 | Natural Gas        | Henry Hub                                      |
| BAKNC40 | Crude | Bakken            | ACCBE00 | Natural Gas        | Houston Ship<br>Channel                        |
| BAKKC40 | Crude | Bakken-<br>Canada | ACCBB00 | Natural Gas        | Kern River<br>Opal                             |
| BIGMC40 | Crude | Big-Foot          | ACCBA00 | Natural Gas        | NGPL<br>Midcontinent                           |
| MUMBC40 | Crude | Bombay High       | ACCBD00 | Natural Gas        | PG&E Malin                                     |
| BONGC40 | Crude | Bonga             | ACCBC00 | Natural Gas        | SoCal Gas                                      |
| BOZHC40 | Crude | Bozhong           | ACCAV00 | Natural Gas        | TCPL Alberta<br>AECO-C                         |
| BRAEC40 | Crude | Brae              | ACCBF00 | Natural Gas        | Transco,<br>Zone 6                             |
| BRAGC40 | Crude | Brage             | ACCAY00 | Natural Gas        |  |
| BRUCC40 | Crude | Bruce             | MECIU00 | Methanol           | USGC<br>Methanol                               |
| BURGC40 | Crude | Burgan            | ACNLC00 | LNG                | Australian<br>Emissions<br>Weighted<br>Average |
|         |       |                   |         |                    |  |

#### **Associated Platts Premiums**

The suspension of the carbon intensities by the S&P Global Commodity Insights analytics team will have a downstream impact to a number of associated Platts' Premiums.

Please send all questions, comments and feedback regarding the suspension of the above Intensities to <a href="mailto:emissionexcellence@spglobal.com">emissionexcellence@spglobal.com</a>, and to <a href="mailto:Platts\_Carbon@spglobal.com">Platts\_Carbon@spglobal.com</a> and <a href="mailto:PriceGroup@spglobal.com">PriceGroup@spglobal.com</a> for anything related to <a href="mailto:Platts">Platts</a>' Carbon Intensity Premiums.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing.

Platts will consider all comments received and will make comments not marked as confidential available upon request.

#### Vesak Day publishing schedule for Asia oil

The S&P Global Commodity Insights office in Singapore will be closed on Monday, May 12, 2025, for Vesak Day, and there will be no oil publications or assessments from Singapore on that day.

Additionally, the Platts Asia Market on Close assessment process from Commodity Insights will close early on Friday, May 9, and all assessments will be basis 12:30 pm Singapore time (0430 GMT).

Normal Singapore publishing schedules will resume on Tuesday, May 13. For full details of the Platts publishing schedule and services affected, refer to https://www.spglobal.com/commodityinsights/en/our-methodology/holiday. For queries, please contact asia\_oilproducts@spglobal.com and pricegroup@spglobal.com.

## Platts invites feedback on Global Platts Forward Curve Products methodology

As part of its commitment to open and transparent pricing and product specifications, Platts, part of S&P Global Commodity Insights, would like to invite feedback on its Global Platts Forward Curve Products methodology, specifically the guidelines described in the methodology guide posted online here.

Platts reviews all methodologies annually to ensure they continue to reflect the physical markets under assessment and regularly assesses the relevance of methodologies through continuous contact with the market.

Feedback on methodologies is always welcomed by Platts. Please send all comments, feedback and questions to <a href="mailto:oilgroup@spglobal.com">oilgroup@spglobal.com</a> and <a href="mailto:pricegroup@spglobal.com">pricegroup@spglobal.com</a>.

For written comments, please provide a clear

indication if comments are not intended for publication by Platts for public viewing.

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#### Labor Day publishing schedule for Asia oil

The S&P Global Commodity Insights office in Singapore will be closed on Thursday, May 1, for the Labor Day holiday, and there will be no oil publications or assessments from Singapore on that day.

Normal Singapore publishing schedules will resume on Friday, May 2.

For full details of the Platts publishing schedule and services affected, refer to http://www.platts.com/HolidayHome\_For queries, please contact asia\_oilproducts@spglobal.com and pricegroup@spglobal.com\_

## Platts to amend quality specifications for Middle East gasoline assessments

- Platts to align Middle East Gasoline specifications to Euro 5 standards
- Platts to maintain the distillation end point at a maximum of 210 °C
- Platts to bring forward implementation date to May 2, 2025

Platts, part of S&P Global Commodity Insights, will amend the quality specifications reflected in its assessments of RON 92 and RON 95 gasoline cargoes loading from the Middle East (FOB Arab Gulf), effective May 2, 2025.

This decision follows a proposal note published Jan. 15 here: https://www.spglobal.com/commodity-insights/en/pricing-benchmarks/our-methodology/subscriber-notes/011525-platts-proposes-to-amend-quality-specifications-for-middle-east-gasoline-assessments

In line with evolving gasoline markets in relation to cleaner fuels, the Platts FOB Fujairah outright assessments and the RON 92, RON 95 Arab Gulf FOB and CFR spot differential assessments will reflect gasoline specifications in line with the Euro 5 fuel standards with a maximum sulfur content of 0.001% (10 parts per million) from May 2.

Upon review of market feedback received during the proposal phase, Platts has decided to maintain the distillation end point at a maximum of 210 C instead of the proposed level of a maximum of 205 C. In addition, Platts has decided to bring forward the implementation date for the specification changes from July 1 to May 2, 2025.

Platts Middle East gasoline specifications

| opoomoationo                                   |           |   |                  |
|--|-----------|---|------------------|
| Property                                       | Unit      | Reflected standard from May 2                                   | Current standard |
| Research Octane<br>Number                      | -         | Min 92, min 95  | Min 92, min 95   |
| Motor Octane<br>Number                         | -         | Min 82, min 85  | Min 82, min 85   |
| Appearance                                     | -         | Bright clear and<br>free from water and<br>suspended impurities | Clear            |
| Odor   | -         | Marketable  | Marketable       |
| Color  | -         | Undyed  | Undyed           |
| Corrosion, copper<br>strip (3 hrs at<br>50 °C) | -         | Max 1   | Max 1            |
| Density at 15°C                                | g/ml      | 0.72-0.775  | 0.72-0.78        |
| Distillation                                   | -         |   |                  |
| 10% vol recovered<br>at (°C)                   | °C        | Max 80  | Max 80           |
| 50% vol recovered<br>at (°C)                   | °C        | Min 80, max 125   | Min 80, max 120  |
| 90% vol recovered<br>at (°C)                   | °C        | Max 180   | Max 180          |
| End point (°C)                                 | °C        | Max 2 10  | Max 210          |
| Residue  | vol %     | Max 2   | Max 2            |
| Doctor test                                    | -         | Negative  | Negative         |
| Gum, existent                                  | mg/100 ml | Max 5   | Max 4            |
| Induction period                               | minutes   | Min 360   | Min 480          |
| Lead content                                   | gPb /l    | Max 0.005 (no intentional addition)                             | Max 0.013        |
| Reid vapor<br>pressure at 37.8 °C              | psi       | Max 9   | Max 9            |
|  |           |   |                  |

| Oxygen content | wt %      | 2.7                                 | -                           |
|----------------|-----------|-------------------------------------|-----------------------------|
| Allowed        |           | Max 15 (of which                    | Max 15 (of which            |
| oxygenates (if | vol %     | maximum MTBE                        | maximum MTBE                |
| added)         |           | content of 10.0)                    | content of 10.0)            |
| Alcohol        | -         | No additions of any alcohol         | No additions of any alcohol |
| Aromatics      | vol %     | Max 35                              | Max 35                      |
| Benzene        | vol %     | Max 1                               | Max 1                       |
| Olefins        | vol %     | Max 18                              | Max 18                      |
|                |           | No metal additives;                 | No metal additives;         |
| Additives      | -         | no metal octane                     | no metal octane             |
|                |           | boosters                            | boosters                    |
| Manganese      | mg/100 ml | 2.0 maximum                         | -                           |
|                |           | No iron-based                       |                             |
| Iron (Fe)      | mg/100 ml | octane-enhancing additive permitted | -                           |
|                |           |                                     |                             |

The changes in gasoline specifications for the Middle East will not affect the FOB Arab Gulf 92 and 95 RON netback assessments, which derive their values from the price assessments at the trading hub of Singapore after adjusting for shipping costs. These will continue to mirror the existing FOB Singapore gasoline specifications.

In addition, Platts would like to remind market participants of its ongoing consultation process to review the specifications reflected in its FOB Singapore RON 92, RON 95 and RON 97 assessments, found here: Platts opens consultation on FOB Singapore gasoline specifications | S&P Global. The feedback period for the consultation ends March 31, 2025.

Platts periodically reviews the specifications of its assessments to ensure they are representative of the most tradable grades.

Please send any feedback or questions to asia\_products@spglobal.com and pricegroup@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing.

Platts will consider all comments received and will make comments not marked as confidential available upon request.

# Platts to include SA Europe FSU in Singapore fuel oil cargo, ex-wharf bunker MOC from April 23

Platts, part of S&P Global Commodity Insights, will include the vessel SA Europe as an additional loading point in its Platts Singapore Market on Close assessment process for cargo and ex-wharf bunkers for marine fuel 0.5% and 380 CST HSFO from April 23, 2025.

SA Europe (IMO 9235268) is operated by Southern Ace Marine Sdn. Bhd. as a floating storage unit at Tanjung Pelapas, within Johor Bahru Port Limits in southern Malaysia's Johor state.

Platts first proposed including the FSU as an additional loading point in a subscriber note published March 12, 2025: Platts proposes to include SA Europe FSU in Singapore fuel oil cargo, ex-wharf bunker MOC from April 23.

There are currently 11 FSUs approved as additional loading points in the FOB Singapore cargo and exwharf bunkers MOC process for marine fuel 0.5% and 380 CST HSFO. The standards applicable to approved FSUs require that sellers specifically name the vessel used as a loading point at the time of submitting offers to Platts for publishing.

Any offer of oil from vessels accredited for the FOB Singapore cargo and ex-wharf bunkers MOC process for marine fuel 0.5% and 380 CST HSFO would be on FOB FSU basis.

Sellers cannot unilaterally nominate an approved vessel as a loading point in FOB Straits trades.

Please send all feedback and comments to <u>asia\_products@spglobal.com</u> and <u>pricegroup@spglobal.com</u>.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing. Platts will consider all comments received and make comments not marked as confidential available upon request.

## Platts proposes including Nalco lubricity improver EC5727A in Singapore gasoil

Following a review of recognized additives included in the FOB Singapore gasoil assessment process, Platts, part of S&P Global Commodity Insights, proposes to begin reflecting diesel lubricity improver EC5727A by Nalco.

Platts proposes to add diesel lubricity improver EC5727A to the list of recognized additives reflected in its assessment process found here: asia-refined-oil-products-methodology.pdf.

The list of Platts gasoil recognized additives is intended to provide clarity to market participants regarding which additives are generally considered merchantable and accepted for cargoes delivered through the Platts Market on Close assessment process in Singapore.

Platts does not align its FOB Singapore additives acceptance to any particular importing country.

Please send all comments or questions by Sept. 12, 2025, to asia\_oilproducts@spglobal.com and pricegroup@spglobal.com.

For written comments, please provide a clear indication if comments are not intended for publication by Platts for public viewing. Platts will consider all comments received and will make

comments not marked as confidential available to the public upon request.

## Platts to update component weighting for Global Transportation Fuels Index for 2025

Platts, part of S&P Global Commodity Insights, will update the component weighting used in the Platts Global Transportation Fuels Index [ADEXA00], effective Jan. 2, 2025.

The revised weighting reflects an update in the relative global CO2 emissions from the transport sector by fuel type, following a review of the latest International Energy Agency data.

The new weightings for the components are as follows:

| Assessment                             |         | Currency/UoM | Current<br>weighting | weighting from<br>Jan 2025 |
|--|---------|--------------|----------------------|----------------------------|
| Gasoline CBOB<br>87 USGC               | AARQU00 | cents/gal    | 27.06%               | 26.82%                     |
| ULSD 10ppmS<br>CIF NWE Cargo           | AAVBG00 | \$/mt        | 48.54%               | 48.24%                     |
| Global Jet<br>Index                    | PJGL009 | \$/mt        | 11.60%               | 9.81%                      |
| FOB Spore<br>Marine Fuel<br>0.5% Cargo | AMFSA00 | \$/mt        | 10.60%               | 11.10%                     |
| Chicago Argo<br>Ethanol                | AALRI00 | cents/gal    | 2.20%                | 4.03%                      |

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The Platts Global Transportation Fuels Index [ADEXA00] is a composite daily index featuring key Platts transportation fuels physical benchmarks across road, air, sea and rail, weighted by the relative carbon emissions associated with each fuel type. The weightings in the index represent a broad view of proportional transportation fuels around the world. The weightings are reviewed annually to keep the index representative of global supply and demand trends.

More details about the calculations and methodology of the index can be found in the Platts Global Commodity Indices Specifications Guide at: https://www.spglobal.com/commodityinsights/PlattsContent/\_assets/\_files/en/our-methodology/methodology-specifications/global\_commodity\_indices.pdf?utm\_medium=homepage/\_

Please send any feedback or questions to <a href="mailto:pricegroup@spglobal.com">pricegroup@spglobal.com</a>.

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### China tanker fixtures

| Vessel name Vo       | olume (kt) | Grade          | Origin       | Port        | Arrival               | Buyers                        |
|----------------------|------------|----------------|--------------|-------------|-----------------------|-------------------------------|
| AGNI                 | 100        | Mal Blend      | Malaysia     | Dongying    | 4/13/2025             | TBA                           |
| AL JABRIYAH II       | 276        | Upper Zakum    | UAE          | Lianyungang | 4/24/2025             | Shenghong Petrochemical       |
| ALISSA               | 100        | Mal Blend      | Malaysia     | Dongying    | 4/22/2025             | TBA                           |
| ALLIANCE             | 100        | ESP0           | Russia       | Dongjiakou  | 4/9/2025              | Lijin                         |
| ALLIANCE             | 100        | ESP0           | Russia       | Lianyungang | 4/24/2025             | TBA                           |
| AMZAN                | 175        | Arab Light     | Saudi Arabia | Zhoushan    | 4/15/2025             | Zhejiang Petroleum & Chemical |
| AN SHUN II           | 275        | Mal Blend      | Malaysia     | Qingdao     | 4/19/2025             | TBA                           |
| ANTONIS I. ANGELICOL | JS 280     | Upper Zakum    | UAE          | Zhoushan    | 4/4/2025              | Zhejiang Petroleum & Chemical |
| AREIA                | 100        | Mal Blend      | Malaysia     | Qingdao     | 4/21/2025             | TBA                           |
| ASCENDANT            | 45         | Fuel Oil       | Russia       | Dongying    | 4/14/2025             | TBA                           |
| ATILA                | 279        | Mal Blend      | Malaysia     | Dongjiakou  | 4/8/2025              | TBA                           |
| BALU                 | 270        | Mal Blend      | Malaysia     | Yantai      | 3/30/2025             | TBA                           |
| BESTLA               | 260        | Mal Blend      | Malaysia     | Qingdao     | 4/8/2025              | TBA                           |
| BHILVA               | 100        | ESP0           | Russia       | Longkou     | 4/7/2025              | Yulong                        |
| BIG STAR             | 150        | Mal Blend      | Malaysia     | Yantai      | 4/16/2025             | TBA                           |
| BIG STAR             | 153        | Mal Blend      | Malaysia     | Dongjiakou  | 4/13/2025             | TBA                           |
| BODHI                | 100        | Fuel Oil       | Russia       | Yantai      | 4/11/2025             | TBA                           |
| BUNGA KASTURI ENAN   |            | Arab Light     | Saudi Arabia | Zhoushan    | 4/14/2025             | Zhejiang Petroleum & Chemical |
| C. SPIRIT            | 280        | Basrah Medium  | Iraq         | Lianyungang | 4/3/2025              | Shenghong Petrochemical       |
| CH BILLION           | 90         | Mal Blend      | Malaysia     | Dongying    | 4/26/2025             | TBA                           |
| CORONA FUN           | 90         | Mal Blend      | Malaysia     | Dongying    | 4/2/2025              | TBA                           |
| CORONA FUN           | 90         | Mal Blend      | Malaysia     | Dongying    | 5/10/2025             | TBA                           |
| COSGOLD LAKE         | 285        | Arab Heavy     | Saudi Arabia | Zhoushan    | 4/10/2025             | Zhejiang Petroleum & Chemical |
| COSJADE LAKE         | 135        | Basrah Medium  | Iraq         | Lianyungang | 4/13/2025             | Shenghong Petrochemical       |
| COSJADE LAKE         | 145        | Qatar Marine   | UAE          | Lianyungang | 4/13/2025             | Shenghong Petrochemical       |
| CRIUS                | 95         | Mal Blend      | Malaysia     | Dongjiakou  | 4/20/2025             | TBA                           |
| CROSS OCEAN          | 100        | Mal Blend      | Malaysia     | Dongying    | 4/25/2025             | TBA                           |
| DESIMI               | 136        | Forties        | UK           | Qingdao     | 4/5/2025              | Yanchang                      |
| DEYNA                | 100        | Mal Blend      | Malaysia     | Yantai      | 4/20/2025             | TBA                           |
| EGRET                | 280        | Mal Blend      | Malaysia     | Changshu    | 4/19/2025             | TBA                           |
| ELIZABET             | 280        | Mal Blend      | Malaysia     | Dongjiakou  | 4/15/2025             | TBA                           |
| ERECTER              | 135        | Arab Light     | Saudi Arabia | Zhoushan    | 4/16/2025             | Zhejiang Petroleum & Chemical |
| EUROTRADER           | 140        | Murban         | UAE          | Yantai      | 4/5/2025              | TBA                           |
| FENGHUANG            | 100        | Mal Blend      |              | Yangshan    | 4/15/2025             | TBA                           |
| FIONA II             | 270        | Mal Blend      | Malaysia     |             |                       | TBA                           |
| FORTUNE STAR         | 270        | Mal Blend      | Malaysia     | Dongjiakou  | 4/1/2025<br>4/19/2025 | TBA                           |
| FREDA                |            |                | Malaysia     | Qingdao     |                       | TBA                           |
|                      | 100        | Mal Blend      | Malaysia     | Dongjiakou  | 5/1/2025              |                               |
| FRONT HAWKE          | 281        | Arab Light     | Saudi Arabia | Zhoushan    | 4/13/2025             | Zhejiang Petroleum & Chemical |
| FRONT NAVER          | 270        | Upper Zakum    | UAE          | Yantai      | 4/12/2025             | Yulong                        |
| FRONT TAY            | 281        | Basrah Heavy   | Iraq         | Zhoushan    | 3/27/2025             | Zhejiang Petroleum & Chemical |
| GATHER VIEW          | 280        | Mal Blend      | Malaysia     | Dongjiakou  | 4/11/2025             | TBA                           |
| GLOBAL HARVEST       | 277        | Mal Blend      | Malaysia     | Qingdao     | 4/28/2025             | TBA                           |
| GOLDEN EAGLE         | 100        | Mal Blend      | Malaysia     | Longkou     | 4/20/2025             | TBA                           |
| GT HONOR             | 90         | Sakhalin Blend | Russia       | Dongying    | 3/31/2025             | TBA                           |
| GT HONOR             | 90         | Sakhalin Blend | Russia       | Dongying    | 4/18/2025             | TBA                           |
| HANNAH               | 100        | Sokol          | Russia       | Qingdao     | 4/9/2025              | TBA                           |
| HANNAH               | 100        | Sokol          | Russia       | Dongying    | 4/26/2025             | TBA                           |
| HOMYA                | 130        | Mal Blend      | Malaysia     | Dongjiakou  | 4/8/2025              | TBA                           |
| HOODEE               | 138        | Mal Blend      | Malaysia     | Dongjiakou  | 4/5/2025              | TBA                           |

### China tanker fixtures (continued)

| Vessel name Volu                          | me (kt) | Grade          | Origin       | Port        | Arrival   | Buyers  |
|---|---------|----------------|--------------|-------------|-----------|---|
| HUIHAI ATLANTIC                           | 100     | Mal Blend      | Malaysia     | Dongying    | 4/3/2025  | TBA   |
| HUIHAI PACIFIC                            | 100     | Mal Blend      | Malaysia     | Lianyungang | 4/15/2025 | TBA   |
| HULDA                                     | 100     | ESP0           | Russia       | Yantai      | 4/17/2025 | TBA   |
| JACKLYN                                   | 100     | ESP0           | Russia       | Yantai      | 4/7/2025  | TBA   |
| JINJIANG EXPERIENCE                       | 100     | ESP0           | Russia       | Longkou     | 4/5/2025  | Yulong  |
| KARINA                                    | 150     | Blend Oil      | Malaysia     | Yangpu      | 4/8/2025  | TBA   |
| KARINA                                    | 130     | Blend Oil      | Malaysia     | Yantai      | 4/22/2025 | TBA   |
| KATSUYA                                   | 40      | Mal Blend      | Malaysia     | Dongying    | 4/19/2025 | TBA   |
| KONGM                                     | 270     | Mal Blend      | Malaysia     | Qingdao     | 4/17/2025 | TBA   |
| (RYMSK                                    | 100     | Sokol          | Russia       | Dongying    | 4/2/2025  | TBA   |
| ADOGA                                     | 90      | ESP0           | Russia       | Dongying    | 4/3/2025  | TBA   |
| AFIT                                      | 260     | Mal Blend      | Malaysia     | Qingdao     | 4/13/2025 | TBA   |
| IGURIAN SEA                               | 82      | Pacific Bilbit | Canada       | Zhoushan    | 4/20/2025 | Zhejiang Petroleum & Chemical                               |
| ILY                                       | 275     | Mal Blend      | Malaysia     | Rizhao      | 4/21/2025 | TBA   |
| IMAS                                      | 270     | Mal Blend      | Malaysia     | Rizhao      | 4/16/2025 | TBA   |
| ING HONG                                  | 100     | ESP0           | Russia       | Dongying    | 4/17/2025 | TBA   |
| ITEYNY PROSPECT                           | 100     | ESPO           | Russia       | Dongying    | 4/19/2025 | TBA   |
| UCK                                       | 282     | Mal Blend      | Malaysia     | Dalian      | 4/7/2025  | TBA   |
| UCKY FAIRY                                | 100     | ESP0           | Russia       | Longkou     | 4/6/2025  | TBA   |
| UCKY FAIRY                                | 100     | ESP0           | Russia       | Yantai      | 4/22/2025 | TBA   |
| MADESTAR                                  | 274     | Mal Blend      | Malaysia     | Dongjiakou  | 4/14/2025 | TBA   |
| IINERVA M                                 | 110     | Mal Blend      | Malaysia     | Dongying    | 4/21/2025 | TBA   |
| MONTROSE                                  | 279     | Mal Blend      | Malaysia     | Yangshan    | 5/4/2025  | TBA   |
| IAVE QUASAR                               | 130     | Arab Light     | Saudi Arabia | Zhoushan    | 4/20/2025 | Zhejiang Petroleum & Chemical                               |
| IAVE QUASAR                               | 130     | Upper Zakum    | UAE          | Zhoushan    | 4/20/2025 | Zhejiang Petroleum & Chemical                               |
| NAVIG8 PROSPERITY                         | 82      | Pacific Bilbit | Canada       | Zhoushan    | 4/13/2025 | Zhejiang Petroleum & Chemical Zhejiang Petroleum & Chemical |
| JAVIGA PROSPERITT<br>JAVIGARE TERRA MATEF |         | Arab Medium    | Saudi Arabia | Zhoushan    | 4/15/2025 | 3 8   |
| IAXOS                                     | 100     | ESP0           | Russia       | Yantai      | 4/4/2025  | Zhejiang Petroleum & Chemical<br>TBA                        |
| IAXOS                                     | 100     | ESP0           | Russia       |             |           | TBA   |
|   |         |                |              | Yantai      | 4/18/2025 | TBA   |
| IEW PEACE                                 | 130     | Dalia          | Angola       | Yantai      | 4/1/2025  |   |
| IEW PEACE                                 | 130     | Girassol       | Angola       | Yantai      | 4/1/2025  | TBA   |
| IEW RENOWN                                | 135     | Murban         | UAE          | Qingdao     | 4/24/2025 | Yanchang  |
| IEW VALOR                                 | 280     | Basrah Heavy   | Iraq         | Zhoushan    | 4/21/2025 | Zhejiang Petroleum & Chemical                               |
| IIKOLAY ZADORNOV                          | 95      | Sokol          | Russia       | Dongying    | 4/14/2025 | TBA   |
| DLIA                                      | 100     | Mal Blend      | Malaysia     | Dongying    | 3/28/2025 | TBA   |
| LYMPUS                                    | 100     | ESP0           | Russia       | Dongying    | 4/3/2025  | TBA   |
| IXIS                                      | 280     | Mal Blend      | Malaysia     | Qingdao     | 4/26/2025 | TBA   |
| XIS                                       | 280     | Mal Blend      | Malaysia     | Ningbo      | 4/28/2025 | TBA   |
| PING SHUN                                 | 90      | Mal Blend      | Malaysia     | Qingdao     | 4/15/2025 | TBA   |
| PLATA CARRIER                             | 275     | Arab Light     | Saudi Arabia | Zhoushan    | 4/1/2025  | Zhejiang Petroleum & Chemical                               |
| PLATA SOUTH                               | 278     | Basrah         | Iraq         | Yantai      | 4/2/2025  | Yulong  |
| PRINCESS VANYA                            | 135     | Tupi           | Brazil       | Yantai      | 4/20/2025 | TBA   |
| PRINCESS VANYA                            | 135     | Buzios         | Brazil       | Yantai      | 4/20/2025 | TBA   |
| PRISMA                                    | 137     | Novy Port      | Russia       | Dongjiakou  | 4/15/2025 | TBA   |
| PRS OCEAN                                 | 100     | Mal Blend      | Malaysia     | Dongjiakou  | 4/15/2025 | TBA   |
| RENEEZ                                    | 100     | Mal Blend      | Malaysia     | Dongying    | 4/7/2025  | TBA   |
| RESTON                                    | 100     | Mal Blend      | Malaysia     | Longkou     | 4/6/2025  | TBA   |
| RIEVERIA I                                | 150     | Mal Blend      | Malaysia     | Dalian      | 4/14/2025 | TBA   |
| ROC                                       | 60      | Bintulu        | Malaysia     | Dongying    | 4/19/2025 | TBA   |
| SAFEEN STRENGTH                           | 82      | Pacific Bilbit | Canada       | Zhoushan    | 4/9/2025  | Zhejiang Petroleum & Chemical                               |
|   |         |                |              |             |           | , 0   |

### China tanker fixtures (continued)

| Vessel name    | Volume (kt) | Grade          | Origin       | Port        | Arrival   | Buyers                        |
|----------------|-------------|----------------|--------------|-------------|-----------|-------------------------------|
| SAPPHIRE       | 260         | Blend Oil      | Malaysia     | Rizhao      | 4/20/2025 | TBA                           |
| SAPPORO PRINC  | ESS 80      | Pacific Bilbit | Canada       | Zhoushan    | 4/2/2025  | Zhejiang Petroleum & Chemical |
| SARA SKY       | 100         | ESP0           | Russia       | Longkou     | 4/18/2025 | Yulong                        |
| SAVIR TIGER    | 100         | ESP0           | Russia       | Longkou     | 4/21/2025 | Yulong                        |
| SEARACER       | 140         | Arab Heavy     | Saudi Arabia | Lianyungang | 4/16/2025 | Shenghong Petrochemical       |
| SEARACER       | 135         | Al Shaheen     | UAE          | Lianyungang | 4/16/2025 | Shenghong Petrochemical       |
| SETA           | 40          | Mal Blend      | Malaysia     | Qingdao     | 4/26/2025 | TBA                           |
| STAR TWINKLE 6 | 130         | Mal Blend      | Malaysia     | Dongjiakou  | 4/23/2025 | TBA                           |
| SUNI           | 280         | Mal Blend      | Malaysia     | Dalian      | 4/6/2025  | TBA                           |
| T CEREAL       | 280         | Mal Blend      | Malaysia     | Qingdao     | 4/26/2025 | TBA                           |
| TAI SHAN       | 100         | ESP0           | Russia       | Dongjiakou  | 4/9/2025  | TBA                           |
| UQAB           | 280         | Arab Heavy     | Saudi Arabia | Zhoushan    | 4/20/2025 | Zhejiang Petroleum & Chemical |
| VERNON         | 100         | Mal Blend      | Malaysia     | TBA         | 4/21/2025 | TBA                           |
| VETER          | 287         | Blend Oil      | Malaysia     | Yangpu      | 4/2/2025  | TBA                           |
| VIOLA          | 100         | Mal Blend      | Malaysia     | Zhoushan    | 4/16/2025 | TBA                           |
| VIZURI         | 280         | Mal Blend      | Malaysia     | Yantai      | 4/17/2025 | TBA                           |
| YING GE        | 70          | Mal Blend      | Malaysia     | Dongying    | 3/31/2025 | TBA                           |
| ZEVS           | 125         | Mal Blend      | Malaysia     | Dalian      | 4/20/2025 | TBA                           |

| Ship name             | Size | Type | Date   | Route                                  | Rate                      | Charterer |
|-----------------------|------|------|--------|--|---------------------------|-----------|
| East of Suez          |      |      |        |  |                           |           |
| Apr22                 |      |      |        |  |                           |           |
| Plata South           | 270  | CR   | May1   | Basrah-China                           | rnr                       | cnr       |
| Maran Taurus          | 270  | CR   | May4   | Basrah-East                            | rnr                       | cnr       |
| Maran Antares         | 270  | CR   | May5   | PG-Thailand                            | w63.5                     | PTT       |
| Plata Carrier         | 265  | CR   | May4   | J Dhanna+Basrah-Kochi                  | w84                       | BPCL      |
| Swan Lake             | 80   | CR   | May5   | PG-Karachi                             | rnr                       | PNSC      |
| Syros Warrior         | 80   | CR   | Apr28  | Bashayer-Fujairah, East                | rnr, w185                 | EPDESA    |
| Proteus Sinead        | 80   | FO   | May1   | Spore-Yangshan                         | w130                      | Chimbusco |
| Sloman Themis         | 30   | FO   | Apr24  | Balikpapan-Spore                       | rnr                       | Trafigura |
| Maersk Cayman         | 18   | FO   | Apr22  | Sriracha-Spore                         | rnr                       | Trafigura |
| Apr21                 |      |      |        |  |                           | <u> </u>  |
| DHT Opal              | 280  | CR   | May5   | R Tanura-Onsan                         | w58.75                    | S-Oil     |
| Olympic Target        | 270  | CR   | May2   | PG-Spore                               | w64.5                     | Exxon     |
| C. Mighty             | 270  | CR   | May2   | PG-Malacca                             | w55                       | Petco     |
| Aphrodite             | 270  | CR   | May4   | PG-Taiwan                              | w64.75                    | Vitol     |
| Alexandros            | 270  | CR   | May4   | R Tanura-Mailiao                       | w64.75                    | Formosa   |
| Cosjade Lake          | 270  | CR   | May8   | PG-China                               | COA                       | Unipec    |
| New Odyssey           | 270  | CR   | May8   | PG-China                               | COA                       | Unipec    |
| Chafa                 | 130  | CR   | May4   | R Tanura-NMangalore                    | w126                      | MRPL      |
| Tbn                   | 80   | CR   | Apr24  | PG-Karachi                             | rnr                       | PNSC      |
| Proteus Sinead        | 80   | FO   | May1   | Spore, Sungai Linggi-Hong Kong, NChina | rnr, rnr                  | Chimbusco |
| Hafnia Myna           | 40   | FO   | Apr20  | Spore-SKorea                           | rnr                       | Mitsui    |
| Silver Venus          | 40   | FO   | Apr20  | Spore-Taiwan                           | o/p                       | Shell     |
| Baltic/UKC            |      |      |        | ·                                      | ·                         |           |
| Arctica               | 80   | CR   | May27  | WCNorway-UKC                           | rnr                       | Shell     |
| Med                   |      |      |        |  |                           | 011011    |
| Samurai               | 135  | CR   | May10  | CPC-Med, UKC                           | w130, w125                | Chevron   |
| Zenith Spirit         | 130  | CR   | May70  | WAF-USAC, ECCan                        | w105, w017.5              | ST        |
| Tbn                   | 130  | CR   | May5   | WAF-UKCM                               | rnr                       | Total     |
| Front Ull             | 130  | CR   | May7   | Angola-Spain                           | w112.5                    | Repsol    |
| Cobalt Sun            | 80   | CR   | May2   | Ceyhan-Med, Demurrage                  | w112.5<br>w180, \$47.5k/d | Heritage  |
| Maran Atlas           | 80   | CR   | May1   | Ceyhan-Med, Demurrage Ceyhan-Med       | w192.5                    | Equinor   |
| Yasa Golden Bosphorus | 80   | CR   | Apr28  | Ras Lanuf-USGC, USAC, ECCan            | w100, w105, w110          | P66       |
| Olib                  | 80   | CR   | May7   | CPC-Med, Demurrage                     | w205, \$62.5k/d           | KMG       |
| Grimstad              | 80   | CR   | May1   | Sidi Kerir-Med                         | w180                      | P66       |
|                       | 00   | OIX  | iviayi | GIGITAGIII WIEG                        | WTOO                      | 1 00      |
| WAF                   |      |      |        |  |                           |           |
| East Loyalty          | 260  | CR   | May19  | WAF-East                               | w64                       | Total     |
| Eagle Victoria        | 260  | CR   | May14  | WAF-East, UKC                          | w64. w69                  | ST        |
| Melody Hope           | 260  | CR   | May10  | WAF-East, UKC, Demurrage               | w64, w69, \$63.5k/d       | Equinor   |

### International dirty tanker fixtures (continued) (PGT page 2950)

| Ship name           | Size | Туре | Date  | Route                 | Rate            | Charterer |
|---------------------|------|------|-------|-----------------------|-----------------|-----------|
| Front Defender      | 260  | HC   | May15 | WAF-China             | w67.5           | Unipec    |
| New Melody          | 260  | CR   | May22 | WAF-China             | rnr             | cnr       |
| Maran Phoebe        | 130  | CR   | May8  | Sankofa-UKCM          | w112.5          | Eni       |
| Americas            |      |      |       |                       |                 |           |
| Apr22               |      |      |       |                       |                 |           |
| Maran Danae         | 270  | CR   | May5  | USGC-UKC, Demurrage   | \$3.9m, \$70k/d | Clearlake |
| New Pearl           | 260  | CR   | May3  | Brazil-UKC            | rnr             | CNOOC     |
| Ce-Hamilton         | 145  | CR   | May1  | Houston-Ain Sukhna    | \$4.8m          | Aramco    |
| Sea Valiant         | 80   | CR   | May6  | Vancouver-East        | \$2.35m         | Vitol     |
| Amarthea            | 80   | CR   | May3  | Vancouver-East        | \$2.35m         | Vitol     |
| Apr21               |      |      |       |                       |                 |           |
| Qasbah              | 270  | CR   | May15 | USGC-Thailand         | rnr             | PTT       |
| Seaways Kilimanjaro | 260  | CR   | Apr25 | Brazil-East           | rnr             | cnr       |
| STI Lombard o/o     | 70   | CR   | Apr27 | ECMex-UKCM, Demurrage | w190, \$65k/d   | Exxon     |

CR:Crude, FO: Fuel Oil, ppt: Prompt, cnr: charterer not reported, rnr: rate not reported, dnr: date not reported, coa: contract of affreightment, o/p: own program, o/o: owner's option

| International    | clean | tanker fixtures  | (PGT nage 2904) |
|------------------|-------|------------------|-----------------|
| IIIICIIIalioliai | Clean | talikel liktules | (PG1 bage 2904) |

| East of Suez  Apr22 Kleon |     |              |                |   |                        |            |  |  |
|---------------------------|-----|--------------|----------------|---|------------------------|------------|--|--|
|                           |     | East of Suez |                |   |                        |            |  |  |
|                           |     |              |                |   |                        |            |  |  |
|                           | 90  | ULSD         | May2           | Kuwait-UKC                                      | \$3.35m                | KPC        |  |  |
| Abliani                   | 90  | ULSD         | Apr24          | PG-UKC  | rnr                    | ATC        |  |  |
| Solo                      | 60  | G0           | Apr23          | Yanbu-WMed, EMed                                | \$2.5m, \$2.3m         | Exxon      |  |  |
| Serengeti                 | 60  | ULSD         | Apr25          | Yanbu-Ain Sukhna                                | \$700k                 | ATC        |  |  |
| Torm Emilie               | 60  | JET          | May1           | NMangalore-Spore, UKC, Opts                     | w135, \$2.6m, rnr      | BP         |  |  |
| Swarna Kaveri             | 55  | NA           | Apr24          | Sikka-Japan                                     | rnr                    | RIL        |  |  |
| Invictus                  | 35  | ULSD         | Apr29          | Jubail-EAfrica, SAfrica                         | w197.5, w187.5         | CSSA       |  |  |
| Torm Atlantic             | 35  | UNL          | Apr29          | Jubail-UAE, Fujairah                            | \$290k, \$315k         | CSSA       |  |  |
| High Trader               | 35  | ULSD         | Apr28          | Dugm-EAfrica, SAfrica                           | w207.5, w197.5         | Trafigura  |  |  |
| Torm Corrido              | 35  | CL           | Apr25          | Jubail-Jebel Ali                                | \$300k                 | ATC        |  |  |
| Tbn                       | 35  | NA           | May2           | Kochi-East                                      | w140                   | BP         |  |  |
| Morning Sparrow           | 35  | ULSD         | Apr29          | Chiba-Philippines, Spore, Australia, Chittagong | rnr, rnr, w174, rnr    | Vitol      |  |  |
| STI Maximus               | 35  | CL           | Apr22          | Taiwan-ECMex, Opts                              | COA                    | PMI        |  |  |
| Sea Vibe                  | 35  | JET          | Apr26          | Dalian-Spore, Opts                              | \$550k, rnr            | Vitol      |  |  |
| Ardmore Seahawk           | 35  | ULSD         | Apr29          | Mizushima-Philippines                           | \$500k                 | ST         |  |  |
| Nanjing Tbn               | 35  | ULSD         | May1           | Yingkou-Philippines, Spore, Chittagong          | rnr, rnr, rnr          | Unipec     |  |  |
| Maria Majesty             | 35  | ULSD         | Apr27          | Spore-Australia                                 | \$17k/d                | Gunvor     |  |  |
| Apr21                     | 00  | OLOB         | Apr 27         | opore Australia                                 | φτηνα                  | danvoi     |  |  |
| Imola                     | 140 | ULSD         | Apr28          | Ruwais-WAF, UKC                                 | \$2.5m, \$3.4m         | BP         |  |  |
| MH Highlander             | 90  | CL           | May2           | Kuwait-UKC                                      | \$3.35m                | KPC        |  |  |
| Solomos                   | 90  | JET          | Apr28          | PG-UKC  | \$3.5m                 | Admic      |  |  |
| Elka Apollon              | 90  | COND         | Apr20          | R Laffan-Jebel Ali                              | rnr                    | ENOC       |  |  |
| Tbn                       | 60  | ULSD         | Apr23          | Yanbu-Ain Sukhna                                | rnr                    | ATC        |  |  |
| KK Marlin                 | 60  | ULSD         | Apr26          | Kuwait-Pakistan                                 | \$375k                 | KPC        |  |  |
| Maritime Guardian         | 35  | ULSD         | Apr27          | Kuwait-UAE, EAfrica, SAfrica                    | \$300k, w197.5, w197.5 | Shell      |  |  |
| Mission                   | 35  | UNL          | Apr23          | Mesaieed-Fujairah, EAfrica, SAfrica             | \$285k, w197.5, w197.5 | Vitol      |  |  |
| FPMC 35                   | 35  | UNL          | Apr25          | NMangalore-PG, Spore, EAfrica                   | \$350k, w180, w180     | OQ         |  |  |
| Rong Lin Wan              | 75  | COND         | May2           | Dampier-China, Opts                             | rnr, rnr               | CNOOC      |  |  |
| Ayame                     | 35  | CL           | Apr25          | Japan-SKorea                                    | rnr                    | Idemitsu   |  |  |
| MH Norikura               | 35  | CL           | May3           | Spore-Reunion, Opts                             | \$950k, rnr            | Ola Energy |  |  |
| Aquarius T                | 35  | GO GO        | Apr30          | Spore-Chattagram                                | \$385k                 | OQ         |  |  |
| Tbn                       | 35  | ULSD         | Apr37          | Spore-Dampier, Opts                             | rnr, rnr               | Clearlake  |  |  |
| Lindanger                 | 35  | UNL          | Apr25          | Spore-ECMex, Opts                               | rnr, rnr               | PMI        |  |  |
| Tbn                       | 35  | CL           | Apr25<br>Apr25 | Spore-Australia                                 | rnr                    | Rongsheng  |  |  |
| Petrolimex 18             | 35  | JET          | Apr23          | Spore-Indonesia                                 | \$270k                 | Vitol      |  |  |
| Scorpio Tbn               | 35  | CL           | Apr23<br>Apr22 | Taiwan-ECMex, Opts                              | COA                    | PMI        |  |  |
| Sea Vibe                  | 35  | JET          | Apr26          | Dalian-Spore, Indonesia, Chattagram             | \$550k, rnr, rnr       | Vitol      |  |  |
| Tbn                       | 35  | CL           | Apr20<br>Apr22 | Quanzhou-Australia                              | rnr                    | Vitol      |  |  |
| STI La Boca               | 35  | JET          | Apr27          | SKorea-USWC, Opts                               | \$1.6m, rnr            | ATS        |  |  |
| Akane                     | 35  | CL           |                |   | •                      |            |  |  |
| Tbn                       | 35  | ULSD         | Apr24<br>Apr27 | SKorea-Japan<br>Spore-Australia                 | rnr<br>w167            | cnr<br>ST  |  |  |
| Tbn                       | 35  | CL           | Apr27<br>Apr25 | Spore-Australia Spore-Australia                 | rnr                    | Rongsheng  |  |  |

## International clean tanker fixtures (continued) (PGT page 2904)

| Ship name        | Size | Туре | Date  | Route                           | Rate                   | Charterer |
|------------------|------|------|-------|---------------------------------|------------------------|-----------|
| Severn           | 35   | CL   | Apr27 | Spore-Australia                 | w167.5                 | ST        |
| Baltic/UKC       |      |      |       |                                 |                        |           |
| Zefyros          | 37   | UNL  | Apr27 | Sines-TA, UKC                   | w157.5, w172.5         | Sacor     |
| Nord Volante     | 37   | UNL  | Apr21 | Sines-TA, UKC                   | w162.5, w165           | Sacor     |
| Med              |      |      |       |                                 |                        |           |
| Historia Disease | 0.0  | 01   | A00   | 01411/4 1 Mad                   | 100                    | All       |
| Histria Dione    | 30   | CL   | Apr23 | Sidi Kerir-Med                  | w190                   | Atl       |
| Atlas            | 30   | NA   | Apr23 | Skikda-Med, UKC                 | w175, w185             | Shell     |
| Maersk Kaya      | 30   | ULSD | Apr27 | Aliaga+Izmit-Med, UKC, Mor, Can | w175, w185, w185, w190 | Tupras    |
| Torm Discoverer  | 30   | UNL  | Apr25 | Mongstad-WAF, Med               | w167.5, w147.5         | Vitol     |
| Histria Altas    | 30   | ULSD | Apr25 | Sidi Kerir-Med                  | w170                   | Atl       |
| Americas         |      |      |       |                                 |                        |           |
| Apr22            |      |      |       |                                 |                        |           |
| Star Kestrel     | 38   | CL   | Apr26 | USGC-Caribs, Demurrage          | \$500k, \$27k/d        | Sol       |
| Uzava            | 38   | CL   | Apr26 | USGC-ECCan, Demurrage           | w140, \$26k/d          | Valero    |
| Apr21            |      |      |       |                                 |                        |           |
| MRC Sedef        | 38   | ULSD | Apr24 | USGC-TA                         | w115                   | Cepsa     |
| STI Bosphorous   | 38   | CL   | Apr23 | USGC-Caribs                     | \$525k                 | Ecopetrol |
| Augenstern       | 38   | CL   | Apr24 | USGC-ECMex, Demurrage           | \$290k, \$28k/d        | PMI       |

CL:Clean, NA:Naphtha, UN:Unleaded, JT: Jet, GO:Gasoil, ppt: Prompt, cnr: charterer not reported, rnr: rate not reported, dnr: date not reported, coa: contract of affreightment, o/p: own program, o/o: owner's option

## **APAC Deals Summary**

### Gasoline FOB Spore Cargo

#### Trades (PGA page 2315)

- MAY15-MAY19: \*PTT sold to UNIPECSG\* 100kb FOB Straits \$75.80/bbl 8:28:35
- \* Denotes market maker. All times GMT

#### Bids (PGA page 2313)

- MAY7-MAY11: \*\*RGES bids 100kb FOB Straits \$74.50/bbl
- MAY8-MAY12: PETCO bids 100kb FOB Straits \$75.00/bbl
- MAY12-MAY16: \*\*RGES bids 100kb FOB Straits \$74.50/bbl
- MAY16-MAY20: PETROCHINA bids 100kb FOB Straits \$75.00/bbl
- MAY17-MAY21: \*\*RGES bids 100kb FOB Straits \$74.50/bbl

#### Withdrawals

- MAY15-MAY19: \*\*UNIPECSG Withdraws bid 100kb FOB Straits MOPS 92 \$0.40/bbl
- MAY15-MAY19: \*\*UNIPECSG no longer bids 100kb FOB Straits \$75.80/bbl
- MAY15-MAY19: \*\*UNIPECSG Withdraws bid 200kb \$75.90/bbl
- MAY15-MAY19: \*\*UNIPECSG Withdraws bid 200kb \$0.50/bbl
- \*\* Denotes OCO order.

#### Offers (PGA page 2314)

■ No offers reported

#### Withdrawals

- Platts Mogas 95: MAY7-MAY11: \*\*VITOLSG Withdraws offer 50kb FOB Straits MOPS 95 \$1.00/bbl
- Platts Mogas 95: MAY7-MAY11: \*\*VITOLSG Withdraws offer 50kb FOB Straits MOPS 92 \$3.00/bbl
- Platts Mogas 95: MAY7-MAY11: \*\*VITOLSG Withdraws offer 50kb FOB Straits \$77.70/bbl
- \*\* Denotes OCO order.

### Gasoline FOB Spore Paper

#### Trades (PGA page 4011)

■ Platts Mogas 92: MAY25: HOTEI\* sold to VITOLSG 25kb \$74.65/bbl 8:29:54

- Platts Mogas 92: MAY25: HOTEI sold to ONYX\* 25kb \$74.63/bbl 8:29:54
- Platts Mogas 92: MAY25: HOTEI sold to TRAFI\* 25kb \$74.63/bbl 8:29:55
- Platts Mogas 92: MAY25: HOTEI sold to ONYX\* 25kb \$74.63/bbl 8:29:55
- Platts Mogas 92: MAY25: HOTEI sold to ONYX\* 25kb \$74.63/bbl 8:29:56
- Platts Mogas 92: MAY25: ARIONINV sold to ONYX\* 25kb \$74.62/bbl 8:29:58
- Platts Mogas 92: MAY25: HOTEI sold to DARE\* 25kb \$74.63/bbl 8:29:59
- \* Denotes market maker. All times GMT

#### Bids (PGA page 4009)

- Platts Mogas 92: MAY25: DARE bids 25kb \$74.60/bbl
- Platts Mogas 92: MAY25: TRAFI bids 25kb \$74.60/bbl
- Platts Mogas 92: MAY25: VITOLSG bids 100kb \$74.60/bbl
- Platts Mogas 92: MAY25: FREEPTASIA bids 25kb \$74.59/bbl
- Platts Mogas 92: MAY25: HOTEI bids 25kb \$74.55/bbl
- Platts Mogas 92: MAY25: THEMEINT bids 25kb \$74.55/bbl
- Platts Mogas 92: MAY25: HOTEI bids 25kb \$74.50/bbl
- Platts Mogas 92: MAY25: HOTEI bids 25kb \$74.50/bbl
- Platts Mogas 92: MAY25: ONYX bids 25kb \$74.50/bbl
- Platts Mogas 92: MAY25: THEMEINT bids 25kb \$74.50/bbl
- Platts Mogas 92: MAY25: UITSG bids 25kb \$74.50/bbl
- Platts Mogas 92: MAY25: BPSG bids 25kb \$74.30/bbl
- Platts Mogas 92: MAY25: TRAFI bids 25kb \$74.30/bbl
- Platts Mogas 92: MAY25: THEMEINT bids 25kb \$74.10/bbl

#### Withdrawals

- Platts Mogas 92: MAY25: DARE no longer bids 25kb \$74.63/bbl
- Platts Mogas 92: MAY25: ONYX no longer bids 25kb \$74.63/bbl
- Platts Mogas 92: MAY25: ONYX no longer bids 25kb \$74.63/bbl
- Platts Mogas 92: MAY25: TRAFI no longer bids 25kb \$74.63/bbl
- Platts Mogas 92: MAY25: ONYX no longer bids 25kb

#### \$74.62/bbl

- Platts Mogas 92: MAY25: HOTEI Withdraws bid 25kb \$74.30/bbl
- Platts Mogas 92: MAY25: HOTEI Withdraws bid 25kb \$74.30/bbl
- Platts Mogas 92: MAY25: HOTEI Withdraws bid 25kb \$74.30/bbl
- \*\* Denotes OCO order.

#### Offers (PGA page 4010)

- Platts Mogas 92: MAY25: HOTEI offers 25kb \$74.70/bbl
- Platts Mogas 92: MAY25: ONYX offers 25kb \$74.72/bbl
- Platts Mogas 92: MAY25: ONYX offers 25kb \$74.73/bbl
- Platts Mogas 92: MAY25: ONYX offers 25kb \$74.75/bbl
- Platts Mogas 92: MAY25: THEMEINT offers 25kb \$74.75/bbl
- Platts Mogas 92: MAY25: DARE offers 25kb \$74.85/bbl
- Platts Mogas 92: MAY25: HOTEI offers 25kb \$74.85/bbl
- Platts Mogas 92: MAY25: TRAFI offers 25kb \$74.85/bbl
- Platts Mogas 92: MAY25: UITSG offers 25kb \$74.85/bbl
- Platts Mogas 92: MAY25: DARE offers 25kb \$74.90/bbl
- Platts Mogas 92: MAY25: VITOLSG offers 25kb \$74.99/bbl
- Platts Mogas 92: MAY25: BPSG offers 25kb \$75.00/bbl
- Platts Mogas 92: MAY25: FREEPTASIA offers 25kb \$75.00/bbl
- Platts Mogas 92: MAY25: THEMEINT offers 25kb \$75.00/bbl
- Platts Mogas 92: MAY25: TRAFI offers 25kb \$75.00/bbl
- Platts Mogas 92: MAY25: TRAFI offers 25kb \$75.00/bbl
- Platts Mogas 92: MAY25: TRAFI offers 25kb \$75.10/bbl
- Platts Mogas 92: MAY25: TRAFI offers 25kb \$75.10/bbl
- Platts Mogas 92: MAY25: THEMEINT offers 25kb \$75.30/bbl

#### Withdrawals

- Platts Mogas 92: MAY25: HOTEI no longer offers 25kb \$74.65/bbl
- Platts Mogas 92: MAY25: PTT Withdraws offer 25kb \$74.85/bbl
- Platts Mogas 92: MAY25: TRAFI Withdraws offer 25kb \$74.88/bbl
- Platts Mogas 92: MAY25: FREEPTASIA Withdraws offer 25kb \$75.10/bbl

\*\* Denotes OCO order.

#### Gasoline FOB Spore Paper Spreads

Trades (PGA page 4011)

- No trades reported
- \* Denotes market maker. All times GMT

Bids (PGA page 4009)

- Platts Mogas 92 spread: MAY25/JUN25: ONYX bids 25kb \$0.86/bbl
- Platts Mogas 92 spread: MAY25/JUN25: HOTEI bids 25kb \$0.85/bbl
- Platts Mogas 92 spread: MAY25/JUN25: VITOLSG bids 25kb \$0.85/bbl
- Platts Mogas 92 spread: MAY25/JUN25: ONYX bids 25kb \$0.82/bbl
- Platts Mogas 92 spread: MAY25/JUN25: BPSG bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: DARE bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: EXTAP bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: FREEPTASIA bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: HOTEI bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: UITSG bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: MAY25/JUN25: MERCURIARESOURCES bids 25kb \$0.70/bbl
- Platts Mogas 92 spread: JUN25/JUL25: VITOLSG bids 25kb \$0.80/bbl
- Platts Mogas 92 spread: JUN25/JUL25: ONYX bids 25kb \$0.78/bbl
- Platts Mogas 92 spread: JUN25/JUL25: BPSG bids 25kb \$0.75/bbl
- Platts Mogas 92 spread: JUN25/JUL25: DARE bids 25kb \$0.75/bbl
- Platts Mogas 92 spread: JUN25/JUL25: FREEPTASIA bids 25kb \$0.75/bbl
- Platts Mogas 92 spread: JUN25/JUL25:

MERCURIARESOURCES bids 25kb \$0.70/bbl

- Platts Mogas 92 spread: JUN25/JUL25: UITSG bids 25kb \$0.70/bbl
- MAY25: VITOLSG bids 25kb \$1.25/bbl

#### Withdrawals

- Platts Mogas 92 spread: MAY25/JUN25: P66SG Withdraws bid 25kb \$0.81/bbl
- Platts Mogas 92 spread: JUN25/JUL25: P66SG Withdraws bid 25kb \$0.70/bbl
- \*\* Denotes OCO order.

Offers (PGA page 4010)

- Platts Mogas 92 spread: MAY25/JUN25: BPSG offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: DARE offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: FREEPTASIA offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: HOTEI offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: HOTEI offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25:
  MERCURIARESOURCES offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: ONYX offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: PTT offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: THEMEINT offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: MAY25/JUN25: ONYX offers 25kb \$0.91/bbl
- Platts Mogas 92 spread: MAY25/JUN25: GUNVORSG offers 25kb \$0.98/bbl
- Platts Mogas 92 spread: MAY25/JUN25: VITOLSG offers 25kb \$1.00/bbl
- Platts Mogas 92 spread: JUN25/JUL25: ONYX offers 25kb \$0.83/bbl
- Platts Mogas 92 spread: JUN25/JUL25: PTT offers 25kb \$0.85/bbl
- Platts Mogas 92 spread: JUN25/JUL25: BPSG offers 25kb \$0.88/bbl

- Platts Mogas 92 spread: JUN25/JUL25: DARE offers 25kb \$0.88/bbl
- Platts Mogas 92 spread: JUN25/JUL25: FREEPTASIA offers 25kb \$0.88/bbl
- Platts Mogas 92 spread: JUN25/JUL25: MERCURIARESOURCES offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: JUN25/JUL25: VITOLSG offers 25kb \$0.95/bbl
- MAY25: PTT offers 25kb \$1.85/bbl
- MAY25: VITOLSG offers 25kb \$2.25/bbl

#### Withdrawals

- Platts Mogas 92 spread: MAY25/JUN25: ONYX Withdraws offer 25kb \$0.84/bbl
- Platts Mogas 92 spread: MAY25/JUN25: ONYX Withdraws offer 25kb \$0.85/bbl
- Platts Mogas 92 spread: MAY25/JUN25: P66SG Withdraws offer 25kb \$0.89/bbl
- Platts Mogas 92 spread: JUN25/JUL25: P66SG Withdraws offer 25kb \$0.87/bbl
- Platts Mogas 92 spread: JUN25/JUL25: FREEPTASIA Withdraws offer 25kb \$0.90/bbl
- \*\* Denotes OCO order.

#### Naphtha C+F Cargo

Trades (PGA page 2325)

- No trades reported
- \* Denotes market maker. All times GMT

Bids (PGA page 2323)

- H2JUN25: \*\*TOTALSG bids 25kt \$578.00/mt
- H2JUN25: GUNVORSG bids 25kt \$575.00/mt
- H2JUN25: \*\*AGTASIA bids 25kt \$571.00/mt
- H2JUN25: VITOLSG bids 25kt \$566.00/mt
- H1JUL25: \*\*TOTALSG bids 25kt \$571.00/mt
- H1JUL25: \*\*AGTASIA bids 25kt \$566.00/mt

#### Withdrawals

- No bids reported
- \*\* Denotes OCO order.

Offers (PGA page 2324)

■ H2JUN25: EQUINOR offers 25kt \$580.00/mt

- H2JUN25: \*\*CHEVINCSG offers 25kt \$582.00/mt
- H2JUN25: AGTASIA offers 25kt \$588.00/mt
- H1JUL25: VITOLSG offers 25kt \$574.00/mt
- H1JUL25: BPSG offers 25kt \$575.00/mt
- H1JUL 25: \*\*CHEVINCSG offers 25kt \$578.00/mt

#### Withdrawals

- No offers reported
- \*\* Denotes OCO order.

#### Naphtha C+F Japan Cargo Spreads

Trades (PGA page 2325)

- No trades reported
- \* Denotes market maker. All times GMT

Bids (PGA page 2323)

■ No bids reported

#### Withdrawals

- No bids reported
- \*\* Denotes OCO order.

Offers (PGA page 2324)

■ No offers reported

#### Withdrawals

- No offers reported
- \*\* Denotes OCO order.

### Jet Kero FOB Spore Paper

Trades (PGA page 4023)

- MAY25: ERACOMM sold to CAOSG\* 50kb \$80.45/bbl 8:29:51
- \* Denotes market maker. All times GMT

Bids (PGA page 4021)

- MAY25: DARE bids 50kb \$80.30/bbl
- MAY25: ERACOMM bids 50kb \$80.30/bbl
- MAY25: HOTEI bids 50kb \$79.97/bbl
- JUN25: DARE bids 50kb \$79.85/bbl
- JUN25: FRACOMM bids 50kb \$79.85/bbl
- BAL MONTH: DARE bids 50kb \$80.35/bbl

#### Withdrawals

- MAY25: CAOSG no longer bids 50kb \$80.45/bbl
- \*\* Denotes OCO order.

Offers (PGA page 4022)

- MAY25: DARE offers 50kb \$80.85/bbl
- MAY25: ERACOMM offers 50kb \$80.85/bbl
- MAY25: CAOSG offers 50kb \$81.10/bbl
- MAY25: HOTEI offers 50kb \$81.20/bbl
- JUN25: DARE offers 50kb \$80.60/bbl
- JUN25: ERACOMM offers 50kb \$80.60/bbl
- BAL MONTH: DARE offers 50kb \$80.90/bbl

#### Withdrawals

- No offers reported
- \*\* Denotes OCO order.

### Jet Kero FOB Spore Paper Spreads

Trades (PGA page 4023)

- MAY25: ARAMCOSG\* sold to VITOLSG 50kb \$-1/bbl 8:22:32
- MAY25: ARAMCOSG\* sold to DARE 50kb \$-1/bbl 8:23:15
- MAY25: ARAMCOSG\* sold to VITOLSG 50kb \$-0.98/ bbl 8:28:20
- MAY25: DARE sold to VITOLSG\* 50kb \$-0.98/bbl 8:28:49
- MAY25: MERCURIARESOURCES sold to VITOLSG\* 50kb \$-0.98/bbl 8:29:16
- MAY25: ERACOMM\* sold to MARKET 50kb \$-0.98/ bbl 8:29:51
- MAY25: ARAMCOSG\* sold to VITOLSG 50kb \$-0.98/ bbl 8:29:52
- JUN25: MERCURIARESOURCES sold to GUNVORSG\* 50kb \$-0.75/bbl 8:29:54
- \* Denotes market maker. All times GMT

Bids (PGA page 4021)

- MAY25/JUN25: DARE bids 50kb \$0.33/bbl
- MAY25/JUN25: ENGIESG bids 50kb \$0.33/bbl
- MAY25/JUN25: ERACOMM bids 50kb \$0.33/bbl
- MAY25/JUN25: ARAMCOSG bids 50kb \$0.20/bbl
- MAY25/JUN25: BPSG bids 50kb \$0.10/bbl

- MAY25/JUN25: CAOSG bids 50kb \$0.10/bbl
- MAY25: DARE bids 50kb \$-1.05/bbl
- MAY25: GUNVORSG bids 50kb \$-1.05/bbl
- MAY25: ERACOMM bids 50kb \$-1.08/bbl
- MAY25: MERCURIARESOURCES bids 50kb \$-1.15/bbl
- MAY25: AGT bids 50kb \$-1.2/bbl
- MAY25: ARAMCOSG bids 50kb \$-1.2/bbl
- MAY25: ENGIESG bids 50kb \$-1.2/bbl
- MAY25: CAOSG bids 50kb \$-1.3/bbl
- MAY25: DVTRADING bids 50kb \$-1.3/bbl
- MAY25: HENGLIPET bids 50kb \$-1.3/bbl
- MAY25: VITOLSG bids 50kb \$-1.3/bbl
- JUN25: GUNVORSG bids 50kb \$-0.75/bbl
- JUN25: DARE bids 50kb \$-0.77/bbl
- JUN25: ENGIESG bids 50kb \$-0.8/bbl
- JUN25: ERACOMM bids 50kb \$-0.8/bbl
- JUN25: ARAMCOSG bids 50kb \$-0.95/bbl
- ■JUN25: BPSG bids 50kb \$-0.95/bbl

#### Withdrawals

- MAY25/JUN25: TRAFI Withdraws bid 50kb \$0.30/bbl
- MAY25/JUN25: TRAFI Withdraws bid 50kb \$0.15/bbl
- MAY25: VITOLSG no longer bids :RAISED BID AND TRADED
- MAY25: VITOLSG no longer bids :RAISED BID AND TRADED
- MAY25: TRAFI Withdraws bid 50kb \$-1.3/bbl
- JUN25: GUNVORSG Withdraws bid 50kb \$-0.85/bbl
- \*\* Denotes OCO order.

Offers (PGA page 4022)

- MAY25/JUN25: HOTEI offers 50kb \$0.35/bbl
- MAY25/JUN25: ARAMCOSG offers 50kb \$0.40/bbl
- MAY25/JUN25: BPSG offers 50kb \$0.40/bbl
- MAY25/JUN25: CAOSG offers 50kb \$0.40/bbl
- MAY25/JUN25: DARE offers 50kb \$0.40/bbl
- MAY25/JUN25: ENGIESG offers 50kb \$0.40/bbl
- MAY25/JUN25: ERACOMM offers 50kb \$0.40/bbl
- MAY25/JUN25: HENGLIPET offers 50kb \$0.45/bbl
- MAY25: DARE offers 50kb \$-0.95/bbl

- MAY25: ENGIESG offers 50kb \$-0.95/bbl
- MAY25: HENGLIPET offers 50kb \$-0.95/bbl
- MAY25: CAOSG offers 50kb \$-0.9/bbl
- MAY25: DVTRADING offers 50kb \$-0.9/bbl
- JUN25: ARAMCOSG offers 50kb \$-0.73/bbl
- JUN25: ERACOMM offers 50kb \$-0.68/bbl
- JUN25: BPSG offers 50kb \$-0.65/bbl
- JUN25: DARE offers 50kb \$-0.65/bbl
- JUN25: ENGIESG offers 50kb \$-0.65/bbl
- JUN25: HENGLIPET offers 50kb \$-0.65/bbl

#### Withdrawals

- MAY25/JUN25: TRAFI Withdraws offer 50kb \$0.40/bbl
- MAY25: ARAMCOSG no longer offers 50kb \$-0.98/bbl
- MAY25: ERACOMM no longer offers 50kb \$-0.98/bbl
- MAY25: TRAFI Withdraws offer 50kb \$-0.98/bbl
- \*\* Denotes OCO order.

### Gasoil FOB Spore Paper

#### Trades (PGA page 4019)

- MAY25: DARE sold to ERACOMM\* 50kb \$81.43/bbl 8:29:51
- MAY25: DARE sold to DVTRADING\* 50kb \$81.42/bbl 8:29:52
- MAY25: DARE sold to DVTRADING\* 50kb \$81.40/bbl 8:29:58
- MAY25: DARE sold to BPSG\* 50kb \$81,40/bbl 8:29:59
- MAY25: DARE sold to DVTRADING\* 50kb \$81.40/bbl 8:29:59
- \* Denotes market maker. All times GMT

#### Bids (PGA page 4017)

- MAY25: FRACOMM bids 50kb \$81 40/bbl
- MAY25: ANVIK bids 50kb \$81.35/bbl
- MAY25: DARE bids 50kb \$81.35/bbl
- MAY25: DARE bids 50kb \$81.35/bbl
- MAY25: DARE bids 50kb \$81.30/bbl
- MAY25: NERUDA bids 50kb \$81.30/bbl
- MAY25: NERUDA bids 50kb \$81.30/bbl
- MAY25: MBCL bids 50kb \$81.20/bbl
- MAY25: MBCL bids 50kb \$81.20/bbl
- MAY25: CMTENERGY bids 50kb \$81.00/bbl
- MAY25: HOTEI bids 50kb \$81.00/bbl

- JUN25: DARE bids 50kb \$80.60/bbl
- JUN25: HOTEI bids 50kb \$80.31/bbl
- BAL MONTH: DVTRADING bids 50kb \$81.98/bbl
- BAL MONTH: DVTRADING bids 50kb \$81.95/bbl
- BAL MONTH: ANVIK bids 50kb \$81.90/bbl
- BAL MONTH: DARE bids 50kb \$81.80/bbl
- BAL MONTH: ERACOMM bids 50kb \$81.80/bbl
- BAL MONTH: DARE bids 50kb \$81.75/bbl
- BAL MONTH: HOTEI bids 50kb \$81,70/bbl

#### Withdrawals

- MAY25: ERACOMM no longer bids 50kb \$81.43/bbl
- MAY25: DVTRADING no longer bids 50kb \$81.42/bbl
- MAY25: BPSG no longer bids 50kb \$81.40/bbl
- MAY25: DVTRADING no longer bids 50kb \$81.40/bbl
- MAY25: DVTRADING no longer bids 50kb \$81.40/bbl
- \*\* Denotes OCO order.

#### Offers (PGA page 4018)

- MAY25: DARE offers 50kb \$81.50/bbl
- MAY25: MBCL offers 50kb \$81.50/bbl
- MAY25: MBCL offers 50kb \$81.50/bbl
- MAY25: DARE offers 50kb \$81.55/bbl
- MAY25: ANVIK offers 50kb \$81.60/bbl
- MAY25: DVTRADING offers 50kb \$81.60/bbl
- MAY25: DVTRADING offers 50kb \$81.70/bbl
- MAY25: NERUDA offers 50kb \$81.70/bbl
- MAY25: DVTRADING offers 50kb \$81.75/bbl
- MAY25: ERACOMM offers 50kb \$81.80/bbl
- MAY25: NERUDA offers 50kb \$81.80/bbl
- MAY25: MBCL offers 50kb \$81.90/bbl
- MAY25: BPSG offers 50kb \$82.00/bbl
- MAY25: HOTEI offers 50kb \$82.20/bbl
- JUN25: HOTEI offers 50kb \$80.79/bbl
- JUN25: DARE offers 50kb \$81.20/bbl
- BAL MONTH: DARE offers 50kb \$82.10/bbl
- BAL MONTH: DARE offers 50kb \$82.15/bbl
- BAL MONTH: ANVIK offers 50kb \$82.30/bbl
- BAL MONTH: DVTRADING offers 50kb \$82.40/bbl

- BAL MONTH: DVTRADING offers 50kb \$82.50/bbl
- BAL MONTH: ERACOMM offers 50kb \$82.70/bbl
- BAL MONTH: HOTEI offers 50kb \$82.70/bbl

#### Withdrawals

- MAY25: DARE no longer offers :LOWERED OFFER AND TRADED
- \*\* Denotes OCO order.

#### Gasoil FOB Spore Paper Spreads

#### Trades (PGA page 4019)

- No trades reported
- \* Denotes market maker. All times GMT

#### Bids (PGA page 4017)

- BAL MONTH/MAY25: ANVIK bids 50kb \$0.58/bbl
- BAL MONTH/MAY25: DARE bids 50kb \$0.50/bbl
- BAL MONTH/MAY25: DVTRADING bids 50kb \$0.50/bbl
- BAL MONTH/MAY25: HOTEI bids 50kb \$0.50/bbl
- MAY25/JUN25: ERACOMM bids 50kb \$0.61/bbl
- MAY25/JUN25: DARE bids 50kb \$0.60/bbl
- MAY25/JUN25: DVTRADING bids 50kb \$0.60/bbl
- MAY25/JUN25: HENGLIPET bids 50kb \$0.60/bbl

#### Withdrawals

- No bids reported
- \*\* Denotes OCO order.

#### Offers (PGA page 4018)

- BAL MONTH/MAY25: ANVIK offers 50kb \$0.70/bbl
- BAL MONTH/MAY25: HOTEI offers 50kb \$0.70/bbl
- BAL MONTH/MAY25: DARE offers 50kb \$0.75/bbl
- BAL MONTH/MAY25: DVTRADING offers 50kb \$0.80/bbl
- MAY25/JUN25: ENGIESG offers 50kb \$0.66/bbl
- MAY25/JUN25: ERACOMM offers 50kb \$0.69/bbl
- MAY25/JUN25: DARE offers 50kb \$0.70/bbl
- MAY25/JUN25: DVTRADING offers 50kb \$0.70/bbl
- MAY25/JUN25: HENGLIPET offers 50kb \$0.72/bbl

#### Withdrawals

- No offers reported
- \*\* Denotes OCO order.

#### FO 180 CST 3.5% FOB Spore Paper

Trades (PGA page 4027)

- MAY25: VITOLSG\* sold to DARE 5kt \$437.25/mt 8:26:58
- MAY25: VITOLSG\* sold to ONYX 5kt \$437.50/mt 8:27:42
- MAY25: VITOLSG\* sold to ONYX 5kt \$438.00/mt 8:29:06
- \* Denotes market maker. All times GMT

Bids (PGA page 4025)

■ No bids reported

#### Withdrawals

- No bids reported
- \*\* Denotes OCO order.

Offers (PGA page 4026)

■ MAY25: VITOLSG offers 5kt \$438.00/mt

#### Withdrawals

- No offers reported
- \*\* Denotes OCO order.

#### FO 380 CST 3.5% FOB Spore Paper

Trades (PGA page 4027)

- MAY25: DARE sold to ONYX\* 5kt \$423.75/mt 8:29:32
- MAY25: HOTEI\* sold to ONYX 5kt \$423.50/mt 8:29:54
- MAY25: PTAKARI sold to ONYX\* 5kt \$423.25/mt 8:29:57
- BAL MONTH/MAY25: DARE\* sold to BPSG 5kt \$0.25/ mt 8:28:53
- BAL MONTH/MAY25: TRAFI\* sold to BPSG 5kt \$0.25/ mt 8:28:55
- BAL MONTH: VITOLSG\* sold to ARAMCOTF 5kt \$14.50/ mt 8:28:14
- BAL MONTH: ONYX sold to ARAMCOTF\* 5kt \$14.25/ mt 8:28:43
- BAL MONTH: VITOLSG\* sold to ARAMCOTF 5kt \$14.50/ mt 8:28:57
- MAY25: GOODECAPLTD\* sold to ARAMCOTF 5kt \$14.25/ mt 8:28:21
- MAY25: GOODECAPLTD\* sold to ARAMCOTF 5kt \$14.25/ mt 8:28:29
- MAY25: ONYX sold to CHIMB\* 5kt \$14.25/mt 8:29:34
- MAY25: GOODECAPLTD sold to ARAMCOTF\* 5kt \$14.25/

mt 8:29:39

- MAY25: GOODECAPLTD sold to ARAMCOTF\* 5kt \$14.25/ mt 8:29:44
- MAY25: GOODECAPLTD\* sold to ARAMCOTF 5kt \$14.25/ mt 8:29:52
- \* Denotes market maker. All times GMT

Bids (PGA page 4025)

- BAL MONTH: ARAMCOTF bids 15kt \$14.25/mt
- BAL MONTH: P66SG bids 5kt \$13.75/mt
- BAL MONTH: VITOLSG bids 5kt \$12.50/mt
- MAY25: ARAMCOTF bids 20kt \$14.25/mt
- MAY25: CHIMB bids 5kt \$14.00/mt
- MAY25: ONYX bids 5kt \$13.75/mt
- MAY25: P66SG bids 5kt \$13.50/mt
- MAY25: DARE bids 5kt \$13.00/mt
- JUN25: ARAMCOTF bids 5kt \$8.75/mt
- MAY25: DARE bids 5kt \$422.00/mt
- MAY25: GLENCORE bids 5kt \$422.00/mt
- MAY25: ONYX bids 5kt \$422.00/mt
- MAY25: PRIMEEM bids 5kt \$422.00/mt
- MAY25: ANVIK bids 5kt \$421.50/mt
- MAY25: DARE bids 5kt \$421.50/mt
- MAY25: VITOLSG bids 5kt \$421.50/mt
- MAY25: DARE bids 5kt \$421.00/mt
- MAY25: GUNVORSG bids 5kt \$421.00/mt
- MAY25: DARE bids 5kt \$420.50/mt
- MAY25: FRACOMM bids 5kt \$420 00/mt
- BAL MONTH/MAY25: BPSG bids 5kt \$0.00/mt
- BAL MONTH/MAY25: MERCURIARESOURCES bids 5kt \$0.00/mt
- BAL MONTH/MAY25: P66SG bids 5kt \$-0.25/mt
- BAL MONTH/MAY25: MAERSK bids 5kt \$-1.5/mt
- BAL MONTH/MAY25: THEMEINT bids 5kt \$-1.5/mt
- BAL MONTH/MAY25: THEMEINT bids 5kt \$-1.5/mt
- BAL MONTH/MAY25: DARE bids 5kt \$-2.5/mt
- MAY25/JUN25: ANVIK bids 5kt \$4.00/mt
- MAY25/JUN25: P66SG bids 5kt \$4.00/mt
- MAY25/JUN25: THEMEINT bids 5kt \$3.75/mt

- MAY25/JUN25: THEMEINT bids 5kt \$3.55/mt
- MAY25/JUN25: ONYX bids 25kt \$3.50/mt
- MAY25/JUN25: ONYX bids 5kt \$3.50/mt
- MAY25/JUN25: PETROCHINA bids 5kt \$3.50/mt
- MAY25/JUN25: TOTSA bids 5kt \$3.50/mt
- MAY25/JUN25: VITOLSG bids 5kt \$3.50/mt
- MAY25/JUN25: PRIMEEM bids 5kt \$3.25/mt
- MAY25/JUN25: DARE bids 5kt \$3.00/mt

#### Withdrawals

- BAL MONTH: ONYX Withdraws bid 5kt \$13.00/mt
- BAL MONTH: MERCURIARESOURCES Withdraws bid 5kt \$12.75/mt
- MAY25: MERCURIARESOURCES Withdraws bid 5kt \$13.00/mt
- MAY25: GOODECAPLTD Withdraws bid 5kt \$12.50/mt
- MAY25: ONYX Withdraws bid 5kt \$12.50/mt
- MAY25: ONYX Withdraws bid 5kt \$13.75/mt
- MAY25: ONYX no longer bids 5kt \$423.75/mt
- MAY25: ONYX no longer bids 5kt \$423.25/mt
- MAY25: MERCURIARESOURCES Withdraws bid 5kt \$422.50/mt
- MAY25/JUN25: GOODECAPLTD Withdraws bid 5kt \$3.25/mt
- \*\* Denotes OCO order

#### Offers (PGA page 4026)

- BAL MONTH: VITOLSG offers 5kt \$15 00/mt
- BAL MONTH: P66SG offers 5kt \$15.25/mt
- MAY25: VITOLSG offers 5kt \$14.50/mt
- MAY25: P66SG offers 5kt \$14.75/mt
- MAY25: DARE offers 5kt \$15.00/mt
- MAY25: DARE offers 5kt \$423.75/mt
- MAY25: DARE offers 5kt \$424.00/mt
- MAY25: VITOLSG offers 5kt \$424.00/mt
- MAY25: DARE offers 5kt \$424.50/mt
- MAY25: GLENCORE offers 5kt \$424.50/mt
- MAY25: ONYX offers 5kt \$424.50/mt
- MAY25: ANVIK offers 5kt \$425.00/mt
- MAY25: ERACOMM offers 5kt \$425.00/mt
- MAY25: GUNVORSG offers 5kt \$425.00/mt

- MAY25: ONYX offers 5kt \$425.00/mt
- MAY25: ONYX offers 5kt \$425.00/mt
- MAY25: DARE offers 5kt \$426.00/mt
- BAL MONTH/MAY25: DARE offers 5kt \$0.75/mt
- BAL MONTH/MAY25: ONYX offers 10kt \$0.75/mt
- BAL MONTH/MAY25: P66SG offers 5kt \$1.00/mt
- MAY25/JUN25: DARE offers 5kt \$4.25/mt

- MAY25/JUN25: GOODECAPLTD offers 15kt \$4.25/mt
- MAY25/JUN25: ONYX offers 5kt \$4.25/mt
- MAY25/JUN25: VITOLSG offers 5kt \$4.25/mt
- MAY25/JUN25: P66SG offers 5kt \$4.50/mt
- MAY25/JUN25: THEMEINT offers 5kt \$4.50/mt

#### Withdrawals

■ BAL MONTH: ONYX Withdraws offer 5kt \$15.25/mt

- MAY25: GOODECAPLTD no longer offers 5kt \$14.25/mt
- MAY25: ONYX Withdraws offer 5kt \$15.00/mt
- MAY25: HOTEI no longer offers 5kt \$423.50/mt
- MAY25: HOTEI Withdraws offer 5kt \$424.50/mt
- BAL MONTH/MAY25: DARE Withdraws offer 5kt \$0.75/mt
- BAL MONTH/MAY25: TRAFI no longer offers 5kt \$0.25/mt
- \*\* Denotes OCO order.