ASIA-PACIFIC/ARAB GULF MARKETSCAN

Volume 37 / Issue 168 / September 3, 2018

ASIA PRODUCTS

	Code		Mid	Change	Code		Mid	Change	Code		Mid	Change
Singapore (PGA page 2002)												
	FOI	B Singapore (\$/barr	el)			MOPS strip			P	remium/Discount		
Naphtha	PAAAP00	74.41-74.45	74.430	+0.270	ΑΑΡΚΑΘΘ	74.05-74.09	74.070	+0.170				
Gasoline 97 unleaded	PGAMS00	90.32-90.36	90.340	+0.490					AAPKE00*	16.25/16.29	16.270	+0.320
Gasoline 95 unleaded	PGAEZ00	88.69-88.73	88.710	+0.490					AAPKF00*	14.62/14.66	14.640	+0.320
Gasoline 92 unleaded	PGAEY00	86.53-86.57	86.550	+0.490					AAPKG00*	12.46/12.50	12.480	+0.320
Gasoline 92 unleaded					AAXEQ00	85.85-85.89	85.870	+0.770	AAXER00	0.66/0.70	0.680	-0.280
Gasoline 91 unleaded	AAYNA00		87.650	+0.540					AAYNB00		1.780	-0.230
CFR Naphtha	AAOVF00		74.670	+0.170					AAOVG00		0.600	0.000
Kerosene	PJABF00	91.28-91.32	91.300	+1.050	AAPJZ00	91.75-91.79	91.770	+1.010	РЈАСИ00	-0.49/-0.45	-0.470	+0.040
Gasoil 10 ppm	AA0VC00	93.52-93.56	93.540	+1.170					AAOVD00**	0.51/0.55	0.530	+0.060
Gasoil 50 ppm	AAPPF00	93.15-93.19	93.170	+1.170					AAPPH00**	0.14/0.18	0.160	+0.060
Gasoil 0.05% sulfur	AAFEX00	92.90-92.94	92.920	+1.170					AAFFB00**	-0.11/-0.07	-0.090	+0.060
Gasoil 0.25% sulfur	AACUE00	92.05-92.09	92.070	+1.170					**00IQ3AA	-0.96/-0.92	-0.940	+0.060
Gasoil	POABC00	93.52-93.56	93.540	+1.170	ΑΑΡЈΥΘΘ	92.99–93.03	93.010	+1.110	POAIC00**	0.51/0.55	0.530	+0.060
F0 180 CST 2% (\$/mt)	PUAXS00	462.17-462.21	462.190	-3.810								
HSF0 180 CST (\$/mt)	PUADV00	452.00-452.04	452.020	-3.730	ΑΑΡΙΧ00	449.87-449.91	449.890	-1.340	AAGZF00	2.11/2.15	2.130	-2.390
HSF0 380 CST (\$/mt)	PPXDK00	447.98-448.02	448.000	-0.930	AAPJW00	444.10-444.14	444.120	-0.160	PPXDL00	3.86/3.90	3.880	-0.770
Ex-Wharf 180 CST (\$/mt)	AAFET00	465.00-466.00	465.500	-1.500								
Ex-Wharf 380 CST (\$/mt)	AAFER00	456.00-457.00	456.500	-1.500								
Ex-Wharf 500 CST (\$/mt)	AAVUP00	451.00-452.00	451.500	-1.000								

*Differential to FOB Singapore naphtha. **Differential to FOB Singapore gasoil. The "Gasoil" assessment reflects 10 ppm sulfur from January 2, 2018.

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

	<u>F0</u>	B Arab Gulf (\$/barr	<u>el)</u>		P	Premium/Discount		
Naphtha (\$/mt)	ΡΑΑΑΑ00	657.77-660.02	658.895	+1.125	ААРКН00	9.75/10.25	10.000	0.000
Naphtha LR2 (\$/mt)	AAIDA00	660.42-662.67	661.545	+0.925				
Gasoline 95 unleaded	AAICY00	86.60-86.64	86.620	+0.490	AAWUJ00	3.28/3.32	3.300	0.000
Gasoline 95 unleaded CFR					AAWUK00	3.78/3.82	3.800	
Gasoline 92 unleaded	AAGJA00		84.460	+0.490	AAGZA00		3.250	0.000
Kerosene	PJAAA00	89.64-89.68	89.660	+1.050	PJACV00	0.78/0.82	0.800	0.000
Kerosene LR2	AAKNZ00	89.75-89.79	89.770	+1.040				
Gasoil 10 ppm	AAIDT00	91.79-91.83	91.810	+1.170	AAIDU00*	1.03/1.07	1.050	-0.050
Gasoil 0.005% sulfur	AASGJ00	91.64-91.68	91.660	+1.170	AASGK00*	0.88/0.92	0.900	-0.050
Gasoil 0.05% sulfur	AAFEZ00	91.09-91.13	91.110	+1.220	AAFFD00*	0.33/0.37	0.350	0.000
Gasoil 0.25% sulfur	AACUA00	90.19-90.23	90.210	+1.220	AACUC00*	-0.57/-0.53	-0.550	0.000
Gasoil	POAAT00	91.79-91.83	91.810	+1.170	POAID00*	1.03/1.07	1.050	-0.050
Gasoil LR2	ΑΑΚΒΤΘΘ	91.90-91.94	91.920	+1.160				
ISF0 180 CST (\$/mt)	PUABE00	439.87-439.91	439.890	-3.680	AAXJA00	18.75/19.25	19.000	+0.500
HSF0 380 CST (\$/mt)	AAIDC00	435.85-435.89	435.870	-0.880	AAXJB00	18.75/19.25	19.000	+0.500
HSFO 180/380 spread (\$/mt)	PPXDM00	-4.04/-4.00	-4.020	+2.800				
Ex-Wharf Fujairah 380 CST** (\$	/mt)				AAYBG00		12.000	+1.000

SUBSCRIBER NOTES (PGA page 1500)

Platts has identified an error in a flat rate involved in the calculation of certain netback and net-forward calculations for its 92 RON and 95 RON gasoline Mean of Platts Arab Gulf, Japan, Australia, FOB Fujairah and CFR South Africa assessments, affecting values published between April 2 and August 6, 2018. As of August 7, Platts has corrected this error in the underlying rate with immediate effect. Platts is reviewing affected assessments to identify the impact of the erroneous value on published values. Please send feedback or questions to <u>asia products@aspglobal.com</u> and <u>pricegroup@aspglobal.com</u>. S&P Global Platts has launched new net forward assessments for CFR South Africa oil products with effect from August 1, 2018. Platts first announced the new set of oil product assessments on June 12, 2018. (https://www.spglobal. com/platts/en/our-methodology/subscriber-notes/061218-platts-to-(Subscriber notes continue on page 10)

www.platts.com



ASIA PRODUCTS

	Code	Mid	Change	Code	Mid	Change
Middle East physical oil asses	sments (PGA pages 2004 ar	nd 2018)				
	FOB Fujairat	n (\$/barrel)		MOPAG	<u>G Strip</u>	
Gasoline 95 unleaded	AFUJA00	88.880	+0.750	AFUJB00	85.580	+0.750
Kerosene	AFUJF00	90.960	+1.010	AFUJG00	90.160	+1.010
Gasoil 10 ppm	AFUJP00	92.140	+1.020			
Gasoil	AFUJKØØ	92.140	+1.020	AFUJL00	91.090	+1.070
HSF0 380 CST (\$/mt)	AFUJQ00	450.520	+0.450	AFUJR00	431.520	-0.050
Ex-Wharf 380 CST (\$/mt)	AAYBF00	452.860	+0.200	AAYBD00	440.860	-0.800

Gasoline components (PBF page 2410)

	<u>F</u>	OB Singapore (\$/m	<u>t)</u>	
MTBE	PHALF00	800.00-802.00	801.000	+5.000
Singapore demurrage (PGT	pages 2910 & 2960)			
			\$/day	
Demurrage Clean	AALPY00		16500.000	+250.000
Demurrage Dirty	AALQA00		20000.000	-1000.000

-0.210

-0.210

Change

75.250

70.750

Mid

Gasoline

Market analysis: (PGA page 2396) The Asian gasoline market started the week with mixed sentiments, for while prices ended on a firm note last week due to recent refinery issues, Monday saw sell tenders and ongoing exports from Sikka adding to supply, market sources said. "There is still uncertainty on the restart [of Indian Reliance's fluid catalytic cracking units] and the potential of gasoline imports to China," a trader said. The FOB Singapore 92 RON gasoline crack against October ICE Brent crude oil futures had widened 54 cents on the day to \$8.74/b at the Asian close Friday, S&P Global Platts data showed. Exports were

WEEKLY FUJAIRAH OIL PRODUCT STOCKS

Code ('000 barrels) Change

Mid

Change

Aug 27 (PGA page 2022)

Code

Light distillates	FUJLD04	5225	-185	
Middle distillates	FUJMD04	3532	-217	
Heavy distillates and residues	FUJHD04	7399	-1540	
Source: FEDCom, S&P Global Platts				

Singapore paper (PGA page 2655)

LSWR Mixed/Cracked

LSWR

	Balan	ce September* (\$/b	arrel)			October (\$/barrel)				November (\$/barrel)				
Naphtha Japan (\$/mt)					AAXFE00	678.25-678.75	678.500	+0.750	AAXFF00	674.75-675.25	675.000	-1.000		
Naphtha	AAPLD00	74.08-74.12	74.100	+4.150	PAAAQ00	73.98-74.02	74.000	+0.050	PAAAR00	73.58–73.62	73.600	-0.150		
Gasoline 92 unleaded	ΑΑΧΕΚΘΘ	86.26-86.30	86.280	+3.380	AAXEL00	84.98-85.02	85.000	-0.400	AAXEM00	83.87-83.91	83.890	-0.310		
Reforming Spread	AAXEN00	12.16/12.20	12.180	-0.770	AAXE000	10.98/11.02	11.000	-0.450	AAXEP00	10.27/10.31	10.290	-0.160		
Kerosene	AAPLE00	91.72-91.76	91.740	+5.940	PJABS00	91.81-91.85	91.830	+1.100	PJABT00	91.70-91.74	91.720	+0.880		
Gasoil	AAPLF00	93.22-93.26	93.240	+6.200	POAFC00	92.50-92.54	92.520	+0.470	POAFG00	91.87-91.91	91.890	+0.440		
HSF0 180 CST (\$/mt)	AAPML00	450.98-451.02	451.000	+14.150	PUAXZ00	447.53-447.57	447.550	-4.700	PUAYF00	444.78-444.82	444.800	-3.300		
HSF0 380 CST (\$/mt)	ΑΑΡΚΒΘΘ	445.48-445.52	445.500	+15.650	ΑΑΡΚC00	441.18-441.22	441.200	-4.300	AAPKD00	437.43-437.47	437.450	-3.100		
Gasoil EFS (\$/mt)	ΑΑQΤΧΘΘ		0.140	+1.610	ΑΑΟΤΥΘΟ		-6.730	-5.000	AAQTZ00		-8.420	-0.220		

Premium/Discount

9.07/9.11

1.52/1.56

9.090

1.540

Mid

-0.010

Change

*Balance month swaps are assessed from the 1st to the 15th of the month, and to the 14th of February. **Interim Gasoil paper published ahead of the change in specification of FOB Singapore Gasoil on January 2, 2018.

AAHXR00

AAWTX00

Code

Arab Gulf Front Month Swaps (PGA page 2638)

	Balance September* (\$/barrel)				<u>per (\$/barrel)</u>	November (\$/barrel	November (\$/barrel)		
Gasoline 95 unleaded	AFUIM00	86.320	+3.420	AFUIM01	85.040	-0.370	AFUIM02	83.960	-0.280
Kerosene	AFUAM00	90.100	+5.770	AFUAM01	90.190	+1.100	AFUAM02	90.080	+0.880
Gasoil	AFUJM00	91.510	+6.030	AFUJM01	90.790	+0.470	AFUJM02	90.160	+0.440
HSF0 180 CST	AAYBM00	440.250	+14.500	AAYBM01	436.800	-3.950	AAYBM02	434.050	-2.550
HSF0 180 CST**	AADZB00	440.500	+16.000	AADZM01	437.000	-4.000	AADZM02	434.000	-3.000
HSF0 380 CST	AFURM00	434.000	+15.400	AFURM01	429.700	-4.300	AFURM02	425.950	-3.100

*Balance month swaps are assessed from the 1st to 10th of the month. ** At 1730 Singapore time

FOB Indonesia (\$/barrel)

75.23-75.27

70.73-70.77

PPAPU00

AAUGR00

Code

ASIA PRODUCTS

	Code		Mid	Change	Code		Mid	Change
Japan physical oil assessments (PGA page 20	06)		Ū				Ū
		C+F Japan (\$/mt)			Р	remium/Discount		
Naphtha	PAAAD00	680.50-682.75	681.625	+1.125	PAAD100	0.75/1.25	1.000	0.000
Noh 2nd 1/2 Oct	PAAAE00	683.50-684.00	683.750	+2.500				
Nph 1st 1/2 Nov	PAAAF00	682.25-682.75	682.500	+1.500				
Nph 2nd 1/2 Nov	PAAAG00	680.50-681.00	680.750	+0.750				
Naphtha MOPJ Strip	AAXFH00	674.75-675.25	675.000	+1.000	AAXF100	6.38/6.88	6.630	+0.130
	<u>(</u>	C+F Japan (\$/barrel	1)		<u>P</u>	remium/Discount		
Gasoline 91-92 unleaded	PGACW00	88.09-88.13	88.110	+0.480				
Gasoline 95 unleaded	PGAQQ00	90.25-90.29	90.270	+0.480				
Kerosene	PJAAN00	92.38-92.42	92.400	+0.910	PAADK00	0.61/0.65	0.630	-0.100
Gasoil	POABF00	93.73–93.77	93.750	+1.160	AAWVG00	0.72/0.76	0.740	+0.050
HSF0 180 CST (\$/mt)	PUACJ00	462.61-462.65	462.630	-3.830				
	<u>F(</u>)B Okinawa (\$/barro	<u>el)</u>		P	remium/Discount		
Gasoil	POAIW00	93.04–93.08	93.060	+1.160	POAIY00	0.03/0.07	0.050	+0.050
	F	OB Japan (\$/barrel	D D					
Gasoil	POJAP00		95.304	-0.094				
South Korea physical oil assessm	nents (PGA p	oage 2008)						
		<u>C+F Korea (\$/mt)</u>			Р	remium/Discount		
Naphtha	PAADE00	682.38–682.88	682.630	+1.130	PAADG00	0.75/1.25	1.000	0.000
	Ē	OB Korea (\$/barrel	1		P	remium/Discount		
Gasoline 95 unleaded	PGAQ000	88.33-88.37	88.350	+0.390				
Jet	PJADG00	91.45-91.49	91.470	+0.910	PJADI00	-0.32/-0.28	-0.300	-0.100
Gasoil	POAIE00	92.99-93.03	93.010	+1.160	POAIG00	-0.02/0.02	0.000	+0.050
HSF0 180 CST 3.5% (\$/mt)	PUBDP00	452.12-452.16	452.140	-1.340	PUBDR00	2.00/2.50	2.250	0.000
HSF0 380 CST 3.5% sulfur (\$/mt)	PUBDY00	448.10-448.14	448.120	+1.460	PUBEA00	2.00/2.50	2.250	0.000
1131 0 380 031 3.5% Sullui (\$/111)								
	ks (PGA pag	e 2012)						
Mean of Platts West India netbac	ks (PGA pag	e 2012) FOB India (\$/mt)			F)B India (\$/barrel)		
Mean of Platts West India netbac		· · · · · · · · · · · · · · · · · · ·	665.130	+1.130	_	DB India (\$/barrel)	73.900	+0.120
	ks (PGA ρag ΑΑQWK00 ΑΑRBQ00	· · · · · · · · · · · · · · · · · · ·	665.130 724.170	+1.130	<u>F(</u> AAQWJ00 AARBP00)B India (\$/barrel)	73.900 85.200	+0.120

Jet kero 709.760 +8.290 89.840 +1.050 AAQWM00 AAQWL00 Gasoil 10 ppm 701.260 +8.910 92.030 +1.170 AAQW000 AAQWN00 Gasoil 500 ppm 680.740 +8.710 AAQWP00 91.380 +1.170 AAQWQ00 674.410 +8.710 90.530 +1.170 Gasoil 2500 ppm AAQWS00 AAQWR00

Australia (PGA page 2014)

	<u>C+F</u>	- Australia (\$/barr	el)	
Gasoline 92	AACZF00	90.09-90.13	90.110	+0.490
Gasoline 95	AACZH00	92.25-92.29	92.270	+0.490
Jet	AAFIY00	95.11-95.15	95.130	+1.050
Gasoil 10 ppm	AAQUD00	97.59–97.63	97.610	+1.170

resuming from Reliance's Jamnagar complex at Sikka, as LR1 tankers had loaded gasoline from Sikka to PG last week, shipping data revealed. S&P Global Platts trade flow software C-flow also showed another LR1 tanker at the Sikka terminal, the Dong Ting HI, likely to be loading gasoline. According to a Platts analysis published Friday, China's gasoline exports in August were expected to be lower than in July amid better margins in the domestic market and tight quota availability. Platts' survey of 13 key exporting refineries showed that they planned to export 722,000 mt of gasoline in August, 34,000 mt below their export plan for July. Traders said while this was a month-onmonth decrease, overall exports were still higher than the previous year. In tenders, Taiwan's Formosa Petrochemical issued two tenders. The first offered 250,000 barrels of 93 RON gasoline with 50 ppm sulfur for loading over October 22-26 from Mailiao. The tender closes on September 4 with same-day validity. The second spot tender offered 250,000 barrels of 93 RON gasoline basis 150 ppm sulfur for loading over October 26-30 from Mailiao, with the same closing date and validity. Platts reported that Formosa last sold 250,000 barrels of 93 RON gasoline for loading over August 27-31 from Mailiao, at a premium of around 15 cents/b to MOPS 92 RON gasoline assessments on a FOB basis, to a Thai trading company. Egypt's Midor offered up to 30,000 mt of 95 RON gasoline in a tender for loading over September 22-24 from Durkheim. The tender will close on September 6, with validity until September 10. Early Monday, market participants pegged the balance of September/October swap stable to lower from Friday at plus \$1.15-\$1.20/b, and the October/November swap spread stable to higher at plus \$1-\$1.10/b. On Friday, the September/October swap spread was assessed at plus \$1.20/b, and the October/November swap spread at plus \$1/b.

Gasoline Unl 92 FOB Spore Cargo assessment rationale:

(PGA page 2317) The FOB Singapore 92 RON gasoline assessment on Monday took into consideration an offer for a cargo loading over September 18–22 at \$86.90/b, a trade

ASIA PRODUCTS

Code	Mid	Change	Code	Mid Change
and 2412)				
CFR South Afri	ica (\$/barrel)			
AAQWW00	90.624	+0.750		
AAQWT00	92.836	+1.010		
AAQWU00	94.129	+1.020		
AAQWV00	93.429	+1.070		
	and 2412) CFR South Afri AAQWW00 AAQWT00 AAQWU00	and 2412) CFR South Africa (\$/barrel) ААQWW00 90.624 ААQWT00 92.836 ААQWU00 94.129	AAQWW00 90.624 +0.750 AAQWT00 92.836 +1.010 AAQWU00 94.129 +1.020	AAQWW00 90.624 +0.750 AAQWT00 92.836 +1.010 AAQWU00 94.129 +1.020

Freight netbacks (PGA pages PGT2910 & PGT2960)

	AG-Spore	<u>S</u>	<u>pore-Japan</u>		<u>AG-Japan</u>	Spor	re-Australia
		AAPOF00	13.24*	AAPOG00	22.73*		
				ААРОН00	20.08*		
AAPOC00	2.09	AAPOD00	1.56			ΑΑΡΟΕΘΘ	3.56
AAPO100	1.64					ΑΑΡΟJ00	3.83
ΑΑΡΟΚΘΘ	1.53						
AAPOL00	1.73					AAPOM00	4.07
AAPON00	1.62						
AAP0000	12.13*	AAPOP00	10.61*				
AAPOQ00	12.13*						
	AAPO100 AAPOK00 AAPOL00 AAPON00 AAPON00 AAPO000	AAPOC00 2.09 AAPOI00 1.64 AAPOL00 1.53 AAPOL00 1.73 AAPON00 1.62 AAPO000 12.13*	AAPOF00 2.09 AAPOD00 AAP0100 1.64 AAP0000 AAP0L00 1.53 AAP0L00 AAP0L00 1.73 AAP0000 AAP0000 1.62 AAP0000 AAP0000 12.13* AAP0000	AAPOF00 13.24* AAPOC00 2.09 AAPOD00 1.56 AAP0100 1.64	AAPOF00 13.24* AAPOG00 AAPOC00 2.09 AAPOD00 1.56 AAPO100 1.64 AAPOL00 1.53 AAPOL00 1.73 AAPO000 1.62 AAPO000 12.13* AAPOP00 10.61*	AAPOF00 13.24* AAPOG00 22.73* AAPOC00 2.09 AAPOD00 1.56 AAPO100 1.64	AAPOF00 13.24* AAPOG00 22.73* AAPOC00 2.09 AAPOD00 1.56 AAPOE00 20.08* AAPO100 1.64 AAPO300 AAPO300 AAPO300 AAPOL00 1.73 AAPOM00 AAPOM00 AAPO000 1.62 AAPO000 10.61*

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

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

		South China (\$/mt)			Premium/Discount to MOPS (\$/barrel)					
Gasoline 90 unleaded	AAICU00	729.50–733.50	731.500	+4.250						
Gasoline 93 unleaded	AAICW00	738.00-742.00	740.000	+4.250						
Jet/kero	PJABQ00	728.25-732.25	730.250	+8.250	AAWTW00	0.65/0.69	0.670	+0.040		
Gasoil	POAFA00	697.25-701.25	699.250	+8.750	AABJZ00	0.82/0.86	0.840	+0.050		
Gasoil 0.2%	AALEK00	686.50-690.50	688.500	+8.500						
	Hong K	long bunker grades	(\$/mt)							
HSF0 180 CST	PUACC00	493.50-494.50	494.000	+17.000						
HSF0 380 CST	PUAER00	484.50-485.50	485.000	+17.000						

*C+F Hong Kong, \$/barrel premium/discount to Mean of Platts Singapore.

FOREIGN EXCHANGE RATES (PGA page 2160)

USD/Yen	AAWFX00	111.0100	+0.2100	
Eur/USD	AAWFU00	1.1605	-0.0063	
GBP/USD	AAWFV00	1.2880	-0.0129	
USD/SGD	AAWFZ00	1.3709	+0.0016	
USD/MYR	AAWGA00	4.1295	+0.0200	
USD/HK	AAWFY00	7.8497	+0.0006	
AUD/USD	AAWFT00	0.7209	-0.0026	
USD/CNY	AAWFW00	6.8347	+0.0101	

Source: Development Bank of Singapore

for a cargo loading over September 21-25 at \$86.70/b and an offer for a cargo loading over September 23-27 at \$86.60/b. The above commentary applies to the market data code: PGAEY00

Gasoline Unl 95 FOB Spore Cargo assessment rationale: (PGA page 2317) The FOB Singapore 95 RON gasoline assessment Monday took into consideration the adjusted 92/95 inter-RON spread as the standing bids and offers did not demonstrate value.

The above commentary applies to the market data code: PGAEZ00

Gasoline Unl 97 FOB Spore Cargo assessment rationale:

(PGA page 2317) The FOB Singapore 97 RON gasoline assessment Monday took into consideration Friday's 95/97 inter-RON spread in the absence of any bids and offers. The above commentary applies to the market data code: PGAMS00

Gasoline FOB Spore Cargo exclusions: (PGA page 2316) No market data was excluded from the Asian gasoline assessment process on September 3, 2018.

Gasoline FOB Spore Paper exclusions: (PGA page 4012) No market data was excluded from the Asian gasoline assessment process on September 3, 2018.

Naphtha

Market analysis: (PGA page 2398) The Asian naphtha market was largely stable Monday, with buying interest seen at the prompt. The CFR Japan naphtha physical crack spread for H1 November delivery was pegged at \$96.925/mt at 0700 GMT as the market rolled over to a new trading cycle. In India, Mangalore Refinery and Petrochemicals Ltd has sold 35,000 mt of naphtha with a minimum 75% paraffin content and maximum 500 ppm sulfur content to an unknown trader for September 25-27 loading at a premium of around \$11-\$13/mt to Mean of Platts Arab Gulf naphtha assessments, FOB, pricing five days around bill of lading. In South Korea, petrochemical maker LG Chem is in the spot market seeking open spec naphtha with a minimum 70% paraffin content for first-half October delivery into port Daesan. The volume was not specified, and the tender closes September 3. Market sources said LG Chem last bought at least two cargoes of open spec naphtha for H2 October delivery to Yeosu and/or Daesan at a premium around \$1-\$2.50/mt to MOPJ naphtha assessments on a CFR basis, pricing 45 days prior to delivery. Also in South Korea, Yeochun NCC restarted its 220,000 mt/year butadiene plant at Yeosu over the weekend, a company source said Monday. The plant was shut around August 17 following a C4 gas leak, S&P Global

Platts reported earlier. It was initially expected to be shut for 2-3 days but this was extended as it took longer than expected to receive government approval to restart. As a result, the company does not need to reduce its steam cracker operations. However the source said the company will shut its No. 3 naphtha-fed team cracker from October 8 for month-long annual maintenance. Russian oil producer Tatneft said Friday it plans to launch a new catalytic reformer unit at its 178,000 b/d Taneco refinery by year end and a new primary processing complex in 2019. The catalytic reformer will enable the refinery to produce 1.1 million mt/ year of Euro 5 gasoline. Tatneft in July launched diesel and kerosene hydrotreating units at Taneco and earlier this year launched a naphtha hydrotreater and isomerization unit. Taneco now plans to process about 9 million mt of crude oil in 2018, slightly less than the 9.4 million mt planned at the end of 2017. The refinery's capacity is due to increase to 14 million mt/year with the launch of the second primary processing complex.

Naphtha C+F Japan Cargo assessment rationale: (PGA

page 2327) The CFR Japan naphtha cargo assessment Monday took into consideration the following inputs: The spread trade for H2 October/H1 November at \$1.25/mt, and the outstanding spread offer for H1 October/H1 November at \$1.25/mt, demonstrated value. The trade for H1 November at \$683/mt, with a crack value of \$97.925/mt, was also taken into consideration. The H2 October/H1 November spread was assessed at \$1.25/mt and the H1 November/H2 November spread was assessed at \$1.75/mt.

The above commentary applies to the market data code: PAAAD00

Naphtha FOB Spore Cargo assessment rationale: (PGA page

2327) 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-Japan route.

The above commentary applies to the market data code: PAAAP00

EUROPEAN PRODUCTS (\$/mt)

	Code		Mid	Change	Code		Mid	Change
Mediterranean (PGA page 1114)								
		FOB (Italy)				CIF (Genova/Lavera)		
Prem Unl 10ppm	AAWZA00	742.00-742.50	742.250	+9.000	AAWZB00	748.25-748.75	748.500	+9.000
Naphtha	PAAA100	663.75-664.25	664.000	+5.250	PAAAH00	672.25-672.75	672.500	+5.250
Jet aviation fuel	AAIDL00	720.25-720.75	720.500	+6.000				
Gasoil 0.1%	AAVJI00	687.25-687.75	687.500	+6.500	ΑΑΥJJ00	696.75-697.25	697.000	+6.500
10ppm ULSD	AAWYY00	697.25-697.75	697.500	+5.000	AAWYZ00	705.25-705.75	705.500	+5.000
1%	PUAAK00	437.00-437.50	437.250	-2.250	PUAAJ00	444.00-444.50	444.250	-2.250
3.5%	PUAAZ00	423.25-423.75	423.500	-5.750	PUAAY00	430.50-431.00	430.750	-5.750
Northwest Europe cargoes (PG/	A page 1110)							
		CIF (Basis ARA)				FOB NWE		
Gasoline 10ppm	AAXFQ00	780.00–780.50	780.250	+4.000				
Naphtha Swap	ΡΑΑΑJ00	674.25-674.75	674.500	+2.750				
Naphtha Phy	PAAAL00	678.50-679.00	678.750	+5.250				
Jet	PJAAU00	733.00–733.50	733.250	+6.000	PJAAV00	724.75-725.25	725.000	+6.000
Ultra low sulfur diesel 10ppm	AAVBG00	700.50-701.00	700.750	+6.250	AAVBF00	691.25-691.75	691.500	+6.250
Gasoil 0.1%	AAYWS00	690.75-691.25	691.000	+6.000	AAYWR00	677.75-678.25	678.000	+6.000
Diesel 10ppm NWE	AAWZC00	702.25-702.75	702.500	+6.250	AAWZD00	692.75-693.25	693.000	+6.250
Diesel 10 PPM UK	AAVBH00	703.00–703.50	703.250	+6.250				
1%	PUAAL00	438.25-438.75	438.500	-2.250	PUAAM00	428.75-429.25	429.000	-2.250
3.5%	PUABA00	420.00-420.50	420.250	-3.250	PUABB00	407.00-407.50	407.250	-3.250
0.5-0.7% straight run					PKABA00	500.25-501.25	500.750	+1.500
Low sulfur VGO	AAHMZ00	555.00-556.00	555.500	+1.500	AAHMX00	542.00-543.00	542.500	+1.500
High sulfur VGO	AAHND00	546.50-547.50	547.000	+1.500	AAHNB00	533.50-534.50	534.000	+1.500
Northwest Europe barges (PGA	pages 1112 & 138	0)						
.		EOB Pottordam						

		FOB Rotterdam		
Eurobob	AAQZV00	753.00–753.50	753.250 +4.000	
Unleaded 98	AAKOD00	833.00-833.50	833.250 +4.000	
Premium Unleaded	PGABM00	753.75–754.25	754.000 -16.500	
Reformate	AAXPM00		780.250 +4.000	
MTBE*	PHALA00	862.75-863.25	863.000 +12.000	
Naphtha Phy	PAAAM00	674.50-675.00	674.750 +5.250	
Jet	PJABA00	729.25-729.75	729.500 +5.500	
Gasoil 50 ppm	AAUQC00	691.25-691.75	691.500 +7.000	
Gasoil 0.1%*	ΑΑΥWΤ00	685.25-685.75	685.500 +7.500	
10 ppm*	AAJUS00	696.25-696.75	696.500 +7.000	
1%	PUAAP00	425.75-426.25	426.000 -3.250	
3.5%	PUABC00	425.75-426.25	426.000 -3.250	
Fuel Oil 3.5% 500 CST	PUAGN00	420.25-420.75	420.500 -3.250	
Low sulfur VGO	AAHNF00	542.00-543.00	542.500 +1.500	
High sulfur VGO	AAHN100	533.50-534.50	534.000 +1.500	
*FOR Assessments Rettandens				

*FOB Amsterdam-Rotterdam-Antwerp

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ICE LS gasoil GWAVE (Previous day's values) (PGA page 702)

Ѕер	РХААЈ00	688.500	31-Aug-18	
Oct	РХААКОО	690.250	31-Aug-18	
Rotterdam bunker (PGA page 1112)				
380 CST	PUAFN00	430.50-431.50	431.000	0.000

Naphtha FOB Arab Gulf Cargo assessment rationale: (PGA

page 2327) The FOB Arab Gulf naphtha assessment was derived as a freight netback from the CFR Japan marker using the following calculation: CFR Japan naphtha assessment minus the cost of transporting a 55,000 mt clean cargo from a basket of ports in the Persian Gulf to Japan.

The above commentary applies to the market data code: PAAAA00

Naphtha Cargo exclusions: (PGA page 2326) No market data was excluded from the September 03, 2018 Asian naphtha market-on-close assessment process.

Naphtha Paper exclusions: (PGA page 4016) No market data was excluded from the September 03, 2018 Asian naphtha derivative market on close assessment process.

Jet

Market analysis: (PGA page 2499) The Asian jet fuel/kerosene spot market started the week on an underwhelming note Monday, with buying interest remaining thin despite the still-present regional supply glut. While US airlines are projected to carry 16.5 million passengers over the Memorial Day long weekend — 3.5% higher than last year — sources said that US buying interest had long been sated. In addition to high refinery run rates and record jet production levels this year, the economics for the trans-Pacific arbitrage window have also soured. According to shipping sources, just 120,000 mt of jet will load along the North Asia-US West Coast route in September — slightly more than a fifth of the 500,000 mt along this run in August. FOB Singapore jet fuel/kerosene spot cargo differentials have also been affected, and fell by 2 cents/b day on day to minus 51 cents/b Friday. Elsewhere in the region, market sources noted that the Middle East spot market was relatively better supported due to regional buying interest, and continued flows to Northwest Europe. A source from a Middle East refiner also noted that the

US PRODUCTS (¢/gal) (PGA page 158)

	Code		Mid	Change	Code		Mid	Change
US West Coast pipeline								
		Los Angeles				<u>San Francisco</u>		
Unleaded 84	AAUHA00	NA-NA	NA	NANA	PGADG00	NA-NA	NA	NANA
Premium 90	PGABG00	NA-NA	NA	NANA	PGAB000	NA-NA	NA	NANA
CARBOB	ΑΑΚΥΙΟΟ	NA-NA	NA	NANA	AAKYN00	NA-NA	NA	NANA
CARBOB PREM	AAKYL00	NA-NA	NA	NANA	ΑΑΚΥΡΘΘ	NA-NA	NA	NANA
Jet	ΡJΑΑΡ00	NA-NA	NA	NANA	PJABC00	NA-NA	NA	NANA
ULS (EPA) Diesel	ΡΟΑΕΤΘΟ	NA-NA	NA	NANA	POAEY00	NA-NA	NA	NANA
CARB diesel	POAAK00	NA-NA	NA	NANA	POAAL00	NA-NA	NA	NANA
		<u>Seattle</u>				Portland		
Unleaded 84	AAXJE00	NA-NA	NA	NANA	AAXJC00	NA-NA	NA	NANA
Premium 90	AAXJF00	NA-NA	NA	NANA	AAXJD00	NA-NA	NA	NANA
Jet	PJABB00	NA-NA	NA	NANA				
ULS (EPA) Diesel	AAUEX00	NA-NA	NA	NANA	AAUEY00	NA-NA	NA	NANA
		Phoenix						
RBOB unleaded 84	AADDP00	NA-NA	NA	NANA				
RBOB premium 89.5	PPXDJ00	NA-NA	NA	NANA				
Differential to NYMEX								
CARBOB	AANVX00	NA/NA	NA	NANA				
CARBOB paper 1st month*	AAKYR00	NA/NA	NA	NANA				
CARBOB paper 2nd month*	AAKYS00	NA/NA	NA	NANA				
Jet Fuel	AANVY00	NA/NA	NA	NANA				
ULS (EPA) Diesel	AANVZ00	NA/NA	NA	NANA				
CARB Diesel	AANWA00	NA/NA	NA	NANA				
* Premium to NYMEX gasoline se	ttlement							

US West Coast waterborne

		Los Angeles		
Unleaded 87	PGAD100	NA-NA	NA	NANA
Jet	PJABI00	NA-NA	NA	NANA

PLATTS ASSESSMENT OF FUTURES MARKETS AT MOC CLOSE (PGA page 703)

Singapore 16:30

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	ICE gasoil	futures (\$	/mt)	NYMEX I	RBOB (¢/g	al)	NYMEX NY	′ ULSD (¢/gal)
Sep 18*	AAQYM01	694.50	Oct	XNRBA01	202.10	Oct	XNHOA01	226.25
Oct 18	AAQYM02	696.00	Nov	XNRBA02	199.77	Nov	XNHOA02	226.46
Nov 18	AAQYM03	693.00	Dec	XNRBA03	198.05	Dec	XNHOA03	226.55
New York 14:30								
	NYMEX light sw	eet crude	(\$/barrel)	NYMEX	RBOB (¢/g	al)	NYMEX NY	′ ULSD (¢/gal)
NA	NYCRM01	NA	NA	NYRBM01	NA	NA	NYHOM01	NA
NA	NYCRM02	NA	NA	NYRBM02	NA	NA	NYHOM02	NA
NA	NYCRM03	NA	NA	NYRBM03	NA	NA	NYHOM03	NA

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)

			(Asia MOC)				(Asia MOC)				(Asia close)			(London close)	l
	API Gravity	Code		Mid	Change	Code		Mid	Change	Code	Mid	Change	Code	Mid	Change
Condensate											(PGA page 2212)			(PGA page 2213)	
							Diff to Dubai			Diff t	o Asian Dated I	Brent	-		
NW Shelf	61.9	PCAGX00	77.42-77.46	77.440	+0.410					AAPAI00	0.00	+0.050	ААРАНОО	77.760	+0.350
DFC	56.82	ADFCA00	78.26-78.30	78.280	-0.040	ADFCB00	3.40/3.50	3.450	+0.050	ADFCC00	1.030	-0.210	ADFCD00	78.560	-0.140
Qatar LSC	56.9	AARBB00	77.36–77.40	77.380	-0.040	AARBD00	2.50/2.60	2.550	+0.050	AARBC00	0.130	-0.210	AARBA00	77.660	-0.140
South Pars	57.4	AARAV00	76.86–76.90	76.880	-0.040	AARAX00	2.00/2.10	2.050	+0.050	AARAW00	-0.370	-0.210	AARAU00	77.160	-0.140
							Diff to ICP								
Senipah	54.4	AAEOE00	77.93–77.97	77.950	+0.410	AAEOKØØ	1.75/1.85	1.800	+0.050	AAPBE00	0.510	+0.050	AAPBD00	78.270	+0.350
Light crude											(PGA page 2214)			(PGA page 2215)	
							Diff to ICP			Diff t	o Asian Dated I	Brent			
Cossack	47.7	PCAGZ00	78.07-78.11	78.090	+0.410					ΑΑΡΑC00	0.650	+0.050	AAPAB00	78.410	+0.350
Gippsland	48.7	PCACP00	76.37-76.41	76.390	+0.410					AAPAU00	-1.050	+0.050	ΑΑΡΑΤΘΟ	76.710	+0.350
Tapis	45.2	PCACB00	80.07-80.11	80.090	+0.410					AAOZWOO	2.650	+0.050	AAOZV00	80.410	+0.350
Belida	45.1	PCAFL00	75.05-75.09	75.070	+0.700	PCAFM00	1.20/1.30	1.250	+0.050	AAPBQ00	-2.370	+0.340	AAPBP00	75.390	+0.640
Kutubu	44.3	PCAF J00	78.02-78.06	78.040	+0.410					AAPAE00	0.600	+0.050	AAPAD00	78.360	+0.350
Handil Mix	43.9	PCABE00	77.25–77.29	77.270	+0.700	PCABF00	2.20/2.30	2.250	+0.050	AAPBI00	-0.170	+0.340	AAPBH00	77.590	+0.640
Attaka	42.3	PCAAJ00	74.85–74.89	74.870	+0.700	РСААКОО	0.55/0.65	0.600	+0.050	AAPBC00	-2.570	+0.340	AAPBB00	75.190	+0.640
Ardjuna	38.0	PCACQ00	72.85–72.89	72.870	+0.700	PCACR00	0.65/0.75	0.700	+0.050	AAPBG00	-4.570	+0.340	AAPBF00	73.190	+0.640
Banyu Urip	32.0	PCAFQ00		80.740	+0.410	PCAQQ00		2.650	+0.050	AAPBU00	3.300	+0.050	AAPBR00	81.060	+0.350
							Diff to Dubai								
Sakhalin Blend	45.5	AARBN00	77.71–77.75	77.730	-0.040	AARCN00	2.85/2.95	2.900	+0.050	AARDN00	0.480	-0.210	AAREN00	78.010	-0.140
ESP0 M1	34.8	AARWF00	79.02-79.06	79.040	+0.080	AASEU00	3.55/3.65	3.600	+0.150	AARWE00	1.750	-0.160	AARWD00	79.490	+0.170
ESP0 M2	34.8	AAWF E00	78.51–78.55	78.530	-0.040	AAWFG00	3.65/3.75	3.700	+0.050	-					
							Diff to Oman/Dub								
Sokol	39.7	AASCJ00	78.57-78.61	78.590	-0.060	AASCK00	3.65/3.75	3.700	+0.050	AAPA000	1.340	-0.230	AAPAN00	78.870	-0.160
Kikeh	34.9	AAWUH00	81.87-81.91	81.890	+0.410					AAOZY00	4.450	+0.050	AAOZX00	82.210	+0.350
Miri Light	32.3	PCABQ00	81.72-81.76	81.740	+0.410					AAPAS00	4.300	+0.050	AAPAR00	82.060	+0.350
Labuan Kimanis	32.0 38.6	PCABL00 AASCL00	81.92-81.96	81.940 81.740	+0.410 +0.410					AAPAQ00 AASCM00	4.500	+0.050 +0.050	AAPAP00	82.260 82.060	+0.350 +0.350
	30.0	AASCLOO		01.740	+0.410							+0.050	AASCN00		+0.350
Medium crude										-	(PGA page 2216)		_	(PGA page 2217)	
											o Asian Dated I				
Su Tu Den	36.8	AARAR00	79.42-79.46	79.440	+0.310					AARAS00	2.000	-0.050	AARAQ00	79.760	+0.250
Bach Ho	40.7	PCAHY00	80.17-80.21	80.190	+0.310					AAPAK00	2.750	-0.050	AAPAJ00	80.510	+0.250
Nanhai	40.0	PCAFR00	74.32–74.36	74.340	+0.410					AAPAG00	-3.100	+0.050	AAPAF00	74.660	+0.350
							Diff to ICP								
Minas	35.3	PCAB000	72.05-72.09	72.070	+0.600	PCABP00	1.55/1.65	1.600	-0.050	AAPBA00	-5.370	+0.240	AAPAZ00	72.390	+0.540
Nile Blend	33.9	AAPLC00	72.35-72.39	72.370	+0.600	AAPEX00	1.85/1.95	1.900	-0.050	AAPAM00	-5.070	+0.240	AAPAL00	72.690	+0.540
Widuri	33.2	PCAFE00	70.05-70.09	70.070	+0.600	PCAFF00	-0.10/0.00	-0.050	-0.050	AAPB000	-7.370	+0.240	AAPBN00	70.390	+0.540
Daqing	32.2 31.1	PCAAZ00 PCAAX00	68.65–68.69 69.95–69.99	68.670 69.970	+0.550 +0.600	PCAAY00	-0.10/0.00	-0.050	-0.050	AAPAW00 AAPBK00	-8.770 -7.470	+0.190 +0.240	AAPAV00 AAPBJ00	68.990 70.290	+0.490 +0.540
Cinta	31.1	РСААХОО	09.95-09.99	09.970	+0.000	PLAY00	-0.10/0.00	-0.050	-0.050			+0.240	AAPBJ00		+0.540
Heavy crude										-	(PGA page 2218)		-	(PGA page 2219)	
							Diff to ICP				o Asian Dated I				
Dar Blend	25.0	AARAB00	69.57-69.61	69.590	+0.310					AARAC00	-7.850	-0.050	AARAA00	69.910	+0.250
Shengli	24.2	PCABY00	68.40-68.44	68.420	+0.550		0.00/0.10	0.055		AAPAY00	-9.020	+0.190	AAPAX00	68.740	+0.490
Duri	20.8	PCABA00	69.60-69.64	69.620	+0.600	PCABB00	2.00/2.10	2.050	-0.050	AAPBM00	-7.820	+0.240	AAPBL00	69.940	+0.540
Enfield	22.0 18.3	AARAE00		79.190	+0.310					AARAF00	-0.350	-0.050 -0.050	AARAD00	79.510	+0.250
Vincent	10.3	AARAK00		11.090	+0.310	I				AARAL00	-0.350	-0.050	AARAJ00	((.410	+0.250

arbitrage window to the West of Suez had reopened last week due to a weaker prompt Exchange of Futures for Swaps spread. A still-weak FOB Singapore regrade spread — which is hovering near year-to-date lows at minus \$2.12/b — have also helped to make these flows viable, market participants said. Further out, sources remained pessimistic and unconvinced that the jet market could break out of discount territory due to the absence of compelling fundamental drivers. "It should remain this way until the kerosene stockpiling season ... the seasonal pattern," a North Asian refiner said.

Jet Kero FOB Spore Cargo assessment rationale: (PGA

page 2494) The FOB Singapore jet fuel/kerosene cargo assessment Monday was based on the following inputs: The front and middle loading periods were assessed at MOPS minus 69 cents/b and MOPS minus 43 cents/b, respectively, reflecting a bid for a cargo loading September 22-26 at MOPS minus 49 cents/b, after accounting for deemed pricing. The back loading period was assessed at MOPS minus 33 cents/b, reflecting the movement in the middle loading period.

The above commentary applies to the market data code: PJABF00

CHINA TANKER FIXTURES

Vessel	Volume	Grade	Route	Arrival date	Importer
BARBAROSA	133kt	Sarir/Mesla	TBA-Qingdao	15-Aug	Hongrun
INGRID	272kt	Merey	Venezuela-Qingdao	16-Aug	PetroChina
XIN RUN YANG	260kt	Oman	Oman-Rizhao	16-Aug	Dongming
CHINA DAWN	45kt	ESPO	Russia-Qingdao	17-Aug	Xintai
ALSACE	139kt	Lula	Brazil-Qingdao	17-Aug	Qirun
XIN RUN YANG	260kt	Oman	Oman-Qingdao	17-Aug	Dongming
DRAGAO DO MAR	138kt	Lula	Brazil-Qingddao	20-Aug	TBA
NEW PROSPECT	286kt	Merey	Venezuela-Qingdao	25-Aug	PetroChina
HARBOUR SPLENDOR	260kt	Kuwait	Kuwait-Rizhao	27-Aug	Dongming
LEYLA K	88kt	Nemina	Malaysia-Laizhou	27-Aug	ChemChina
LANDBRIDGE PROSPERITY	141kt	Nemina	Malaysia-Laizhou	28-Aug	ChemChina
TBA	130kt	Cold Lake	Canada-Qingdao	End Aug	PetroChina
TBA	130kt	Cold Lake	Canada-Qingdao	End Aug	Chambroad
LEICESTER	136kt	Lula	Brazil-Qingdao	1-Sep	LUQING
SEAWAYS RAFFLES	138kt	Lula	Brazil-Qingdao	4-Sep	Hualong

INTERNATIONAL DIRTY TANKER FIXTURES (PGT page 2950)

Ship name	Size	Туре	Date	Route	Rate	Charterer
PG/East						
Sea Pearl	280	CR	Sep15	PG-USWC	w37.5	Valero
Khk Vision	270	CR	Sep17	PG-Taiwan	w53.5	CPC
Olympic Liberty	270	CR	Sep19	PG-East	rnr	Exxon
Desh Vishal	270	CR	Sep19	PG-Kochi	COA	BPCL
Astipalia	265	CR	Sep16	Basrah-ECI	w62	IOC
Barbarossa	140	NHC	Sep15	Iran-Med	rnr	Saras
Saffron	118	NHC	Sep21	J Dhanna-Paradip	w90	IOC
ST Helen	80	FO	Sep6	Kuwait-Fujairah, East	rnr	Shell
Sea Vine	80	NHC	earSep	R Tanura-NMangalore	rnr	Gesco
New Accord	100	NHC	Sep10	Kozmino-NChina	rnr	Sugih

S&P Global Platts

ASIA-PACIFIC/ARAB GULF MARKETSCAN

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Editorial: Dave Ernsberger, Tel +44-20-7176-6116, Global Oil Director; Calvin Lee, Tel +65-6530-6429, Editorial Director, Asia & Middle East Oil Markets.

Client services information: North America: 800-PLATTS8 (800-752-8878); direct: +1-212-904-3070, Europe & Middle East: +44-20-7176-6111, Asia Pacific: +65-6530-6430, Latin America: +54-11-4121-4810, E-mail: support@platts.com

Trade Data: Platts 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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Singapore Jet bids/offers/trades: (PGA page 2495)

- PLATTS JET BIDS: FINALS ON CLOSE: Jet: FOB Straits: Shell bids MOPS -0.50 Sep 22-26 200kb (Deemed pricing Sep 24-28); Jet: FOB Straits: Total bids MOPS -0.50 Sep 29-Oct 3 250kb (Deemed pricing Sep 24-28)
- PLATTS JET OFFERS: FINALS ON CLOSE: Jet: FOB Straits: Unipec offers MOPS +0.20 Sep 25-29 100kb* (Deemed pricing Sep 24-28)
- Platts Jet Trade Summary NO trades reported

Singapore Jet Cargo exclusions: (PGA page 2495) No market data was excluded from the September 3, 2018 Singapore Jet Market-on-Close assessment process.

Singapore Jet Paper exclusions: (PGA page 4024) No market data was excluded from the September 3, 2018 Singapore Jet Market-on-Close assessment process.

JET INDEX (PGA page 115)

		Index		\$/barrel
Asia & Oceania	PJAS000	262.03	PJAS008	91.71
Mid East & Africa	PJMEA00	270.56	PJMEA08	90.60
Global	PJGL000	253.84	PJGL008	92.86

Gasoil

Market analysis: (PGA page 2498) The Asian gasoil market was still constructive at the start of the week, with sources saying that the tightness experienced in August would likely rollover into September, setting the stage for a busy month. At the Asian close Friday, the FOB Singapore cash differential for 10 ppm sulfur gasoil was assessed at more than a three-month high of plus 47 cents/b to the Mean of Platts Singapore Gasoil assessments, FOB. S&P Global Platts data showed that the cash differential was last higher on May 24, 2018, at plus 51 cents/b to MOPS Gasoil assessments. In tenders, India's Nayara Energy had sold two cargoes of gasoil via a spot tender process, industry sources said Monday. The first cargo, which was for 65,000-70,000 mt of 10 ppm sulfur gasoil, was sold to an unconfirmed buyer at a premium of around 85 cents/b to

INTERNATIONAL TANKER FIXTURES (PGT pages 2904 and 2950)

Ship name	Size	Туре	Date	Route	Rate	Charterer
Nordbay	100	DY	Sep15	Kozmino -NChina	\$470k	CNOOC
Aristoklis	100	NHC	Sep13	Kozmino-NChina	rnr	BP
Theo T	80	FO	Sep11	Cross Spore	rnr	Vitol
British Reliance	80	NHC	Sep6	STS Yeosu-Zhangjiang	\$370k	Vitol
UKC						
Speedway	135	CR	Sep10	Scapa Flow-USAC	w55	PES
WAF						
Tataki	130	CR	Sep23	Nigeria-East	w90	Chemchina
New Vision	130	CR	Sep16	WAF-UKC	w72.5	Shell
Orpheas	130	CR	Sep19	WAF-UKC	w70	Vitol

DY: Dirty, CR: Crude, FO: Fuel Oil, CO: Condensate, F: Failed, +: Update, pt: prompt, cnr: charterer not reported, rnr: rate not reported, coa: contract of affreightment, o/p: own program

INTERNATIONAL CLEAN TANKER FIXTURES (PGT page 2904)

Ship name	Size	Туре	Date	Route	Rate	Charterer
PG/East						
Nautilus	80	JET	Sep5	PG-UKC	\$1.9m	Vitol
Ardmore Explorer	35	NA	Sep9	PG-Japan	w115	Aramco
Hafnia Arctic	35	UMS	Sep9	Mesaieed-Sohar	\$145k	OTI
Queen Express	35	CL	Sep4	Jubail-Maldives	\$435k	Aramco
Orange Star	90	GO	Sep13	Sikka-Opts	ο/ρ	Reliance
Free Spirit	90	GO	Sep15	Sikka-Opts	ο/ρ	Reliance
Pro Triumph	80	JET	Sep16	Sikka-UKC	\$1.85m	Trafigura
FPMC P Fortune	60	GO	Sep14	Vadinar-Spore	w100	Vitol
Nave Andromeda	60	JET	Sep14	Vadinar-UKC, Spore	\$1.4m, w107.5	Trafigura
Hampstead	60	CL	Sep7	Sikka-USAC	\$1.7m	ST Shipping
Mariann	60	GO	Sep9	Vadinar-Spore, Hong Kong	w117.5	BP
Two Million Ways	60	GO	Sep6	Spore-Hong Kong	\$348k	BP
Grand Ace 12	35	UMS	Sep6	Dalian-Spore	rnr	SK Energy
Vei Chi	35	CL	Sep13	Qinzhou-Spore	rnr	Petrochina
Alpine Maria	35	CL	Sep19	SKorea-Australia	w168	Ampol
Hong Ze Hu oos	55	CL	Sep14	Spore-Hong Kong	\$365k	STL
3W Eagle	35	CL	Sep9	Huizhou-Spore	\$250k	ENOC
Dai Nam	33	UMS	Sep6	Spore-Merak	\$170k	Pertamina
JKC						
Epicurus	60	ULSD	Sep7	Primorsk-UKC, WAF, Morocco, Med, TA	w100, w80, w95, w90, w90	Vitol
3W Lynx	40	CL	Sep10	Baltic-UKC	rnr	Cnr
Ridgebury Katherine Z	37	UNL	Sep12	Mongstad-TA	w130	Equinor
laersk Tangier	37	UNL	Sep9	Mongstad-TA	w128.75	Equinor
Astella	30	NA	Sep7	Donges-UKC	w120	Total
Advantage Party	30	CL	Sep11	Vysotsk-UKC	w130	Litasco
4aersk Kate	30	ULSD	Sep10	Primorsk-UKC	w125	Cnr
nyala	30	UNL	Sep9	ARA-UKC	w120	Total
(azdanga	30	ULSD	Sep10	Brofjorden-UKC	w120	Preem
MedTorm Laura	37	UNL	Sep11	Cartagena-TA, Brazil	w125, w145	Repsol
Sloman Themis	30	NA	Sep5	Algeria-Med	w115	Shell
Гbn	30	CL	Sep7	Augusta-Med	w115	ST
Vallermosa	30	GO	Sep9	Bsea-Med	w125	Petraco

CL: Clean, NA: Naphtha, UN: Unleaded, JT: Jet, GO: Gasoil, F: Failed, +: Update, pt: prompt, cnr: charterer not reported, rnr: rate not reported, coa: contract of affreightment, o/p: own program

the September average of the Mean of Platts Arab Gulf Gasoil assessment, FOB. The parcel is to load from Vadinar over September 21-25. The second cargo was for 65,000-70,000 mt of 500 ppm sulfur gasoil, which was sold to an unconfirmed buyer at close to parity to the September average of MOPAG Gasoil assessments, FOB. That cargo is to load from Vadinar over September 25-29. Nayara's latest sell tenders comes after a hiatus of nearly three weeks during which time there were no spot tenders seen from the refiner. A source with knowledge of the matter said the refiner was meeting domestic requirements within India. S&P Global Platts had reported on August 8 that there was a at state-run Bharat Petroleum Corp Ltd's refinery in Mumbai, which occurred at the compressor shed of the hydrocracker unit, while on August 16, it was reported that Reliance Industries Limited's export-oriented refinery in Jamnagar had to shut a 215,000 b/d fluid catalytic cracker to assure the reliability and integrity of operations. Market sources said at the time that both these refinery incidents would have affected BPCL and Reliance's gasoil production volumes, with it being likely that other Indian refiners would have stepped in to supply the domestic market. Meanwhile, in the Persian Gulf, market sources said they were pegging premiums for 10 ppm sulfur gasoil at around the \$1s/b range, a nod to the recently concluded Navara Energy tender. "There's not much tightness in the Arab Gulf at the moment, [it's] actually quite balanced," a trader said Monday.

Gasoil .001%S (10ppm) FOB Spore Cargo assessment

rationale: (PGA page 2490) The FOB Singapore Gasoil 0.001% (10 ppm) Cargo assessment Monday was based on the adjusted relationship between the physical and swaps markets. The cash differential was 6 cents/b higher day on day at MOPS Gasoil plus 53 cents/b, as the balance September/October gasoil swap spread rose by 12 cents/b to plus 72 cents/b. The above commentary applies to the market data code: AAOVCOO

Gasoil .05%S (500ppm) FOB Spore Cargo assessment rationale: (PGA page 2490) The FOB Singapore Gasoil 0.05% (500 ppm) Cargo assessment Monday was based on the

SUBSCRIBER NOTES (continued) (PGA page 1500)

launch-cfr-south-africa-oil-product-assessments) With domestic refineries unable to meet demand for road fuels, South Africa imports a significant volume of refined products, with increasing volumes being imported from the Middle East. Specifically, Platts will launch CFR assessments for gasoline 95 RON, jet fuel/ kerosene, Gasoil 10 ppm and Gasoil 500 ppm. The gasoline 95 RON, jet fuel/kerosene, and Gasoil 10 ppm assessments will be calculated as net forward assessments from Platts' existing FOB Fujairah oil product assessments. Platts will calculate the net forward by applying the Platts daily assessment for AG-South Africa 35,000 mt clean tanker assessment to the FOB Fujairah oil product assessments. The CFR South Africa Gasoil 500 ppm assessment will be calculated by applying the FOB AG Gasoil 500 ppm premium/discount to the MOPAG Gasoil 10 ppm strip. The Platts AG-South Africa 35,000 mt assessment will then be added to this. All of the South African refined product assessments will be published in US\$/barrel. The publication schedule of the new assessments will be based on Platts' existing publication schedule for Fujairah oil assessments. Please send all feedback or questions to asia products@spqlobal.com and pricegroup@spqlobal.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 Platts' Singapore office will be closed on Wednesday, August 22, 2018, for the Hari Raya Haji holiday and there will be no oil and shipping publications or assessments from Singapore on that day. Normal Singapore publishing schedules will resume Thursday, August 23. For full details of Platts' publishing schedule and services affected, refer to <u>http://www.platts.com/HolidayHome.</u> For queries, please contact <u>supportaplatts.com.</u>

S&P Global Platts will launch an FOB Singapore high sulfur 92 RON gasoline cash differential assessment with effect from July 1, 2019. This assessment was first proposed in a note published April 4, 2018. (https://www.spglobal.com/platts/en/our-methodology/ subscriber-notes/040418-platts-proposes-to-launch-fobsingaporehigh-sulfur-92-ron-differential) The new cash differential assessment will continue to capture the current demand for high sulfur 92 RON gasoline from countries such as Indonesia, as well as other Asian countries consuming high sulfur 92 RON gasoline. The cash differential will be assessed against the benchmark FOB Singapore 92 RON gasoline assessment, which has a sulfur level of 50 ppm, starting from July 1, 2019. Separately, Platts is amending the FOB Singapore 92 RON, 95 RON and 97 RON assessments to reflect low sulfur gasoline with effect from July 1, 2019, as seen in a subscriber note published on April 3, 2018. (https://www.spglobal. com/platts/en/our-methodology/subscriber-notes/040318-plattsamends-singapore-92-ron-95-ron-97-rongasoline-specifications) For the cash differential assessment, Platts will survey the market to determine the tradable levels for cargoes loading/delivering 15-30 days forward. This assessment reflects Indonesian 92 RON gasoline specification with specific gravity between 0.715 g/ml and 0.77 g/ml and with a current maximum sulfur content of 500 ppm. The assessment reflects cargo sizes ranging between 100,000 barrels and 200,000 barrels. Please send all 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 those not marked as confidential available upon request.

Singapore oil, shipping publishing schedule for National Day S&P Global Platts office in Singapore will be closed Thursday, August 9, 2018, for the Singapore National Day holiday, and there will be no oil and shipping publications or assessments from Singapore on that day. Normal Singapore publishing schedules will resume Friday, August 10. For full details of Platts' publishing schedule and services affected, refer to <u>http://www.platts.com/HolidayHome.</u> For queries, please contact support.espglobal.com.

S&P Global Platts has changed the specifications of low sulfur waxy residue reflected in its assessments of FOB Indonesia LSWR from August 1, 2018, following changes in the product's typical quality. Platts initially proposed to implement the changes through a subscriber note published April 26, 2018. https://www.platts.com/ subscriber-notes-details/26922294 Platts FOB Indonesia LSWR assessment (AAUGROO) reflects quality specifications of the V-1250 grade. Platts understands that the product's key supplier Pertamina now sells V-1250 LSWR with a maximum sulfur content of 0.45% and maximum density of 0.97. Accordingly, Platts has amended its FOB Indonesia LSWR specifications to reflect a specific gravity at 60/60 deg F of a maximum of 0.97, from the current 0.95 max. Platts has also changed the sulfur content to a maximum of 0.45% by weight, from the current 0.35% max. Considering the change in specific gravity. Platts amended its metric ton-to-barrel conversion factor for the FOB Indonesia LSWR assessment to 6.50, from the current 6.60. Cargoes of V-1250 LSWR typically trade as a differential to Platts FOB Singapore 180 CST high sulfur fuel oil that is published in \$/mt. Platts adjusted relationship between the physical and swaps markets. The cash differential was 6 cents/b higher day on day at MOPS Gasoil minus 9 cents/b, as the balance September/October gasoil swap spread rose by 12 cents/b to plus 72 cents/b.

The above commentary applies to the market data code: AAFEX00

Gasoil FOB Spore Cargo assessment rationale: (PGA page

2490) The FOB Singapore Gasoil 0.001% (10 ppm) Cargo assessment Monday was based on the adjusted relationship between the physical and swaps markets. The cash differential was 6 cents/b higher day on day at MOPS Gasoil plus 53 cents/b, as the balance September/ October gasoil swap spread rose by 12 cents/b to plus 72 cents/b.

The above commentary applies to the market data code: POABCOO

Gasoil .25%S (2500ppm) FOB Spore Cargo assessment

rationale: (PGA page 2489) The FOB Singapore Gasoil 0.25% (2,500 ppm) Cargo assessment Monday was based on the adjusted relationship between the physical and swaps markets. The cash differential was 6 cents/b higher day on day at MOPS Gasoil minus 94 cents/b, as the balance September/October gasoil swap spread rose by 12 cents/b to plus 72 cents/b.

The above commentary applies to the market data code: AACUE00

Gasoil .05% (500ppm) FOB Arab Gulf Cargo

assessment rationale: (PGA page 2489) 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.

The above commentary applies to the market data code: AAFEZ00 (Continued on page 17)

SUBSCRIBER NOTES (continued) (PGA page 1500)

publishes FOB Indonesia LSWR assessment in USD/barrel based on the published conversion factor. Platts assessment of FOB Indonesia LSWR Mixed/Cracked (PPAPU00), which is also published in USD/ barrel, uses a conversion factor of 6.80 barrel/mt. Given the relatively thin liquidity in traditional LSWR Mixed/Cracked market, Platts' LSWR Mixed/Cracked assessment is established by applying a steady, quality-based premium to the tradable V-1250 grade of LSWR. Subsequent to review of industry feedback, Platts has changed the quality premium used in the assessment of FOB Indonesia LSWR Mixed/Cracked to \$4.5/b over the FOB Indonesia LSWR (V-1250) assessments, from the current \$2.20/b. For more details on the specification of both these grades and their assessments process, please refer to the Asia Pacific and Middle East Refined Oil Products methodology guide at www.platts.com. Please send all comments, feedback and 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 has included three very large crude carriers as additional delivery points in the FOB Singapore fuel oil assessment process effective August 1, 2018. The three vessels — CS Prosperity, Grace Star and Marine Star — are being operated as floating storage units or FSUs, anchored at Tanjung Pelepas in the Johor province of southern Malaysia. CS Prosperity (IMO 9169691) is operated by CSHA Shipping Co Ltd. Grace Star (IMO 9205093) is operated by Nathalin Shipping Pte Ltd and Marine Star (IMO 9002623) is operated by Southernpec (Singapore) Shipping Pte Ltd. Platts initially proposed to consider the three vessels as delivery points in FOB Singapore HSFO assessments through a subscriber note published June 1, 2018. Besides the three newly approved vessels, the following FSUs are also approved as additional delivery points in the FOB Singapore fuel oil MOC: Speranza, Energy Star, Fortune Star and Jubilee Star. The standards applicable to approved floating storage units require that sellers specifically name the vessel used as delivery point at the time of submitting offers to Platts for publishing. Any offer of oil from vessels accredited for the FOB Singapore fuel oil assessment process would be on a FOB FSU basis. Sellers cannot unilaterally nominate an approved vessel as a delivery point in FOB Straits trades. Please send all comments or questions to

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Platts to discontinue Asia LSWR assessments from April 1, 2019 Following industry feedback, S&P Global Platts will discontinue FOB Indonesia LSWR (AAUGROO) and FOB Indonesia LSWR Mixed/ Cracked (PPAPU00) assessments from April 1, 2019. The proposal for the discontinuation was announced on July 5 (https://www. spglobal.com/platts/en/our-methodology/subscriber-notes/070518platts-proposes-to-discontinue-asia-lswr-assessments). The production of both Mixed/Cracked LSWR and LSWR V-1250 within the region has fallen due to refinery upgrades. Platts has received feedback from a variety of market participants that the LSWR market has seen decreasing spot liquidity as a result of the fall in production. Low sulfur residual fuel material, including LSWR grades, in Asia typically trades at a differential to Platts Singapore 180 CST high sulfur fuel oil assessments (PUADV00). Liquidity in the Asian low sulfur market is expected to focus increasingly on an FOB Singapore grade that meets requirements for the 0.5% bunker market ahead of the global IMO sulfur cap that comes into force in 2020. Platts has announced that it will begin assessing FOB Singapore 0.5% sulfur fuel oil from January 2, 2019 (https://www. platts.com/subscriber-notes-details/26922294). From January 2, 2019. Platts will assess Mixed/Cracked LSWR and LSWR V-1250 on the basis f fixed quality differentials to the new FOB Singapore 0.5% sulfur fuel oil assessment. Separately Platts changed the specifications of FOB Indonesia LSWR from July 20, 2018, following changes in the product's typical quality. For more details on the specification of both these grades and their assessments process, please refer to the Asia Pacific and Middle East Refined Oil Products methodology guide at www.platts.com. Please send all comments, feedback and questions to asia_products@spglobal.com and pricegroup@spglobal.com. For written comments, please provide a clear indication if they are not intended for publication by Platts for public viewing. Platts will consider all comments received and will make those not marked as confidential available upon request.

CORRECTIONS

Platts corrects netback, net-forward calculations for Arab Gulf, Australia, Japan gasoline assessments Please note that Platts has corrected the netback and net-forward calculations for its FOB Arab Gulf RON 92 and RON 95, C+F Japan 91-92 RON and 95 RON, and C+F Australia RON 92 and RON 95 assessments published between April 2 and August 6, 2018. The corrections also include the Arab Gulf to Singapore netback freight assessment and Singapore to Australia and Singapore to Japan net-forward freight assessments

Gasoline FOB Spore Cargo

Trades (PGA page 2315)

- Platts Mogas 92: SEP18-SEP22: PETROCHINA sold to ENOC* 50kb FOB Straits \$86.90/bbl 8:11:25
- Platts Mogas 92: SEP18-SEP22: UNIPECSG sold to ENOC* 50kb FOB Straits \$86.90/bbl 8:11:35
- Platts Mogas 92: SEP18-SEP22: TRAFI sold to ENOC* 50kb FOB Straits \$86.90/bbl 8:11:43
- Platts Mogas 92: SEP18-SEP22: PTT* sold to ENOC 50kb FOB Straits \$86.90/bbl 8:11:57
- Platts Mogas 92: SEP18-SEP22: SIETCO sold to ENOC* 50kb FOB Straits \$86.90/bbl 8:12:17
- Platts Mogas 92: SEP18-SEP22: PTT sold to ENOC* 50kb FOB Straits \$86.90/bbl 8:12:38
- Platts Mogas 92: SEP21-SEP25: PTT sold to ENOC* 50kb FOB Straits \$86.50/bbl 8:27:24
- Platts Mogas 92: SEP21-SEP25: TRAFI sold to ENOC* 50kb FOB Straits \$86.70/bbl 8:29:49
- Platts Mogas 92: SEP22-SEP26: TOTALSG sold to VITOLSG* 50kb FOB Straits \$86.60/bbl 8:29:13

* Denotes market maker. All times GMT

Bids (PGA page 2313)

- Platts Mogas 92: SEP18-SEP22: HL bids 50kb FOB Straits \$86.00/bbl
- Platts Mogas 92: SEP18-SEP22: BPSG bids 50kb FOB Straits \$85.75/bbl
- Platts Mogas 92: SEP20-SEP24: GUNVORSG bids 50kb FOB Straits \$86.10/bbl
- Platts Mogas 92: SEP23-SEP27: ENOC bids 50kb FOB Straits \$86.50/bbl
- Platts Mogas 92: SEP23-SEP27: HL bids 50kb FOB Straits \$86.10/bbl
- Platts Mogas 92: SEP24-SEP28: BPSG bids 50kb FOB Straits \$85.65/bbl
- Platts Mogas 92: SEP25-SEP29: TOTALSG bids 50kb FOB Straits \$85.69/bbl
- Platts Mogas 92: SEP28-OCT2: HL bids 50kb FOB Straits \$85.90/bbl
- Platts Mogas 92: SEP29-OCT3: BPSG bids 50kb FOB Straits \$85.55/bbl
- Platts Mogas 95: SEP22-SEP26: SIETCO bids 50kb FOB Straits \$88.20/bbl
- Platts Mogas 95: SEP23-SEP27: HL bids 50kb FOB Straits \$88.20/bbl

Withdrawals

- Platts Mogas 92: SEP22-SEP26: **VITOLSG Withdraws bid 50kb FOB Straits MOPS 92 \$0.50/bbl
- Platts Mogas 92: SEP23-SEP27: **VITOLSG Withdraws bid 50kb FOB Straits \$85.90/bbl
- Platts Mogas 92: SEP23-SEP27: **VITOLSG Withdraws bid 50kb FOB Straits MOPS 92 \$0.50/bbl
- Platts Mogas 92: SEP24-SEP28: **VITOLSG Withdraws bid 50kb FOB Straits MOPS 92 \$0.50/bbl
- Platts Mogas 92: SEP24-SEP28: **VITOLSG Withdraws bid 50kb FOB Straits \$85.45/bbl
- Platts Mogas 92: SEP25-SEP29: **VITOLSG Withdraws bid 50kb FOB Straits \$85.25/bbl
- Platts Mogas 92: SEP25-SEP29: **VITOLSG Withdraws bid 50kb FOB Straits MOPS 92 \$0.50/bbl
- Platts Mogas 92: SEP18-SEP22: ENOC no longer bids 50kb FOB Straits \$86.90/bbl
- Platts Mogas 92: SEP21-SEP25: ENOC no longer bids 50kb FOB Straits \$86.70/bbl
- Platts Mogas 92: SEP22-SEP26: **VITOLSG no longer bids 50kb FOB Straits \$86.60/bbl

** Denotes OCO order.

Offers (PGA page 2314)

- Platts Mogas 92: SEP18-SEP22: PTT offers 50kb FOB Straits \$86.90/bbl
- Platts Mogas 92: SEP23-SEP27: PTT offers 50kb FOB Straits \$86.60/bbl
- Platts Mogas 92: SEP25-SEP29: UNIPECSG offers 50kb FOB Straits \$86.80/bbl
- Platts Mogas 92: SEP26-SEP30: P66SG offers 50kb F0B Straits \$87.00/bbl
- Platts Mogas 92: SEP29-OCT3: UNIPECSG offers 50kb FOB Straits \$86.80/bbl
- Platts Mogas 95: SEP22-SEP26: PETROCHINA offers 50kb FOB Straits \$89.00/bbl

Withdrawals

 Platts Mogas 92: SEP23-SEP27: TOTALSG Withdraws offer 50kb FOB Straits \$86.69/bbl

** Denotes OCO order.

Gasoline FOB Spore Paper

Trades (PGA page 4011)

Platts Mogas 92: OCT18: VERCER sold to UNIPECSG* 25kb \$84.90/bbl 8:20:21

- Platts Mogas 92: OCT18: BPSG* sold to SIETCO 25kb \$85.00/ bbl 8:29:50
- Platts Mogas 92: 0CT18: EN0C* sold to SIETCO 25kb \$85.00/ bbl 8:29:53
- Platts Mogas 92: 0CT18: ENOC* sold to UNIPECSG 25kb \$85.00/bbl 8:30:03
- Platts Mogas 92: OCT18: ENOC* sold to TRAFI 25kb \$85.00/bbl 8:30:10
- Platts Mogas 92: OCT18: ENOC* sold to VITOLSG 25kb \$85.00/ bbl 8:30:15
- Platts Mogas 92: OCT18: ENOC* sold to PTT 25kb \$85.00/bbl 8:30:22
- Platts Mogas 92: OCT18: ENOC* sold to TOTSA 25kb \$85.00/ bbl 8:30:29
- Platts Mogas 92: OCT18: ENOC* sold to TOTSA 25kb \$85.00/ bbl 8:30:35
- Platts Mogas 92: OCT18: ENOC* sold to VERCER 25kb \$85.00/ bbl 8:30:39
- Platts Mogas 92: OCT18: ENOC* sold to SIETCO 25kb \$85.00/ bbl 8:30:52
- * Denotes market maker. All times GMT

Bids (PGA page 4009)

- Platts Mogas 92: OCT18: VITOLSG bids 25kb \$84.97/bbl
- Platts Mogas 92: OCT18: ONYX bids 50kb \$84.95/bbl
- Platts Mogas 92: OCT18: VERCER bids 25kb \$84.93/bbl
- Platts Mogas 92: OCT18: VITOLSG bids 25kb \$84.91/bbl
- Platts Mogas 92: OCT18: SIETCO bids 25kb \$84.85/bbl
- Platts Mogas 92: OCT18: BOCIGC bids 25kb \$84.80/bbl
- Platts Mogas 92: OCT18: TOTSA bids 25kb \$84.80/bbl
- Platts Mogas 92: OCT18: VERCER bids 25kb \$84.80/bbl
- Platts Mogas 92: OCT18: DVTRADING bids 25kb \$84.75/bbl
- Platts Mogas 92: OCT18: SKEISG bids 25kb \$84.71/bbl
- Platts Mogas 92: OCT18: BPSG bids 25kb \$84.60/bbl
- Platts Mogas 92: OCT18: ENOC bids 25kb \$84.60/bbl
- Platts Mogas 92: OCT18: PTT bids 25kb \$84.60/bbl
- Platts Mogas 92: OCT18: TRAFI bids 25kb \$84.55/bbl

Withdrawals

- Platts Mogas 92: OCT18: UNIPECSG no longer bids 25kb \$84.90/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws bid 25kb \$84.60/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws bid 25kb \$84.50/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws bid 25kb \$84.50/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws bid 25kb \$84.60/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws bid 25kb \$84.70/bbl
 ** Denotes OCO order.

Offers (PGA page 4010)

- Platts Mogas 92: OCT18: ENOC offers 25kb \$85.00/bbl
- Platts Mogas 92: OCT18: ONYX offers 25kb \$85.04/bbl
- Platts Mogas 92: OCT18: SKEISG offers 25kb \$85.09/bbl
- Platts Mogas 92: OCT18: VITOLSG offers 25kb \$85.10/bbl
- Platts Mogas 92: OCT18: BOCIGC offers 25kb \$85.15/bbl
- Platts Mogas 92: OCT18: ONYX offers 25kb \$85.15/bbl
- Platts Mogas 92: OCT18: STANCHART offers 25kb \$85.20/bbl
- Platts Mogas 92: OCT18: TRAFI offers 25kb \$85.20/bbl
- Platts Mogas 92: OCT18: VERCER offers 25kb \$85.20/bbl
- Platts Mogas 92: OCT18: VERCER offers 25kb \$85.20/bbl
- Platts Mogas 92: OCT18: TOTSA offers 25kb \$85.26/bbl

Withdrawals

- Platts Mogas 92: OCT18: VERCER Withdraws offer 25kb \$85.25/bbl
- Platts Mogas 92: OCT18: BPSG no longer offers 25kb \$85.00/bbl
- Platts Mogas 92: OCT18: VITOLSG Withdraws offer 25kb \$85.05/bbl
- Platts Mogas 92: OCT18: VERCER Withdraws offer 25kb \$85.30/bbl
- ** Denotes OCO order.

Gasoline FOB Spore Paper Spreads

Trades (PGA page 4011)

- Platts Mogas 92 spread: OCT18/NOV18: VITOLSG sold to ENOC* 25kb \$1.10/bbl 8:21:54
- Platts Mogas 92 spread: OCT18/NOV18: BPSG* sold to ONYX 25kb \$1.13/bbl 8:25:05
- Platts Mogas 92 spread: OCT18/NOV18: BPSG* sold to ONYX 25kb \$1.14/bbl 8:25:15
- Platts Mogas 92 spread: OCT18/NOV18: BPSG sold to ENOC* 25kb \$1.13/bbl 8:26:00
- Platts Mogas 92 spread: OCT18/NOV18: TOTSA sold to ONYX* 25kb \$1.13/bbl 8:26:09
- Platts Mogas 92 spread: OCT18/NOV18: BPSG sold to ONYX* 25kb \$1.12/bbl 8:26:19
- Platts Mogas 92 spread: OCT18/NOV18: BPSG sold to ENOC* 25kb \$1.11/bbl 8:27:51
- Platts Mogas 92 spread: NOV18/DEC18: VITOLSG* sold to VERCER 25kb \$0.73/bbl 8:24:45
- * Denotes market maker. All times GMT

Bids (PGA page 4009)

Platts Mogas 92 spread: BAL MONTH/OCT18: ONYX bids 25kb \$1.12/bbl

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- Platts Mogas 92 spread: BAL MONTH/OCT18: TOTSA bids 25kb \$1.00/bbl
- Platts Mogas 92 spread: OCT18/NOV18: ENOC bids 25kb \$1.10/bbl
- Platts Mogas 92 spread: OCT18/NOV18: ONYX bids 25kb \$1.07/bbl
- Platts Mogas 92 spread: OCT18/NOV18: CITIBANK bids 25kb \$1.05/bbl
- Platts Mogas 92 spread: OCT18/NOV18: DVTRADING bids 25kb \$1.05/bbl
- Platts Mogas 92 spread: OCT18/NOV18: VERCER bids 25kb \$1.05/bbl
- Platts Mogas 92 spread: OCT18/NOV18: VITOLSG bids 25kb \$1.05/bbl
- Platts Mogas 92 spread: OCT18/NOV18: BPSG bids 25kb \$1.00/bbl
- Platts Mogas 92 spread: OCT18/NOV18: TOTSA bids 25kb \$1.00/bbl
- Platts Mogas 92 spread: NOV18/DEC18: ONYX bids 25kb \$0.70/bbl
- Platts Mogas 92 spread: NOV18/DEC18: VITOLSG bids 25kb \$0.70/bbl
- Platts Mogas 92 spread: NOV18/DEC18: VERCER bids 25kb \$0.68/bbl
- Platts Mogas 92 spread: NOV18/DEC18: BPSG bids 25kb \$0.65/bbl
- Platts Mogas 92 spread: NOV18/DEC18: TOTSA bids 25kb \$0.65/bbl

Withdrawals

13

- No bids reported
- ** Denotes OCO order.

Offers (PGA page 4010)

- Platts Mogas 92 spread: BAL MONTH/OCT18: ONYX offers 25kb \$1.40/bbl
- Platts Mogas 92 spread: BAL MONTH/OCT18: DVTRADING offers 50kb \$1.35/bbl
- Platts Mogas 92 spread: BAL MONTH/OCT18: TOTSA offers 25kb \$1.69/bbl
- Platts Mogas 92 spread: OCT18/NOV18: MBCL offers 25kb \$1.30/bbl
- Platts Mogas 92 spread: OCT18/NOV18: BPSG offers 100kb \$1.11/bbl
- Platts Mogas 92 spread: OCT18/NOV18: CITIBANK offers 25kb \$1.12/bbl
- Platts Mogas 92 spread: OCT18/NOV18: SKEISG offers 25kb \$1.14/bbl
- Platts Mogas 92 spread: OCT18/NOV18: BBEN offers 25kb \$1.20/bbl
- Platts Mogas 92 spread: OCT18/NOV18: STANCHART offers 25kb \$1.20/bbl
- Platts Mogas 92 spread: OCT18/NOV18: VITOLSG offers 25kb \$1.20/bbl
- Platts Mogas 92 spread: OCT18/NOV18: ONYX offers 25kb \$1.25/bbl
- Platts Mogas 92 spread: OCT18/NOV18: TOTSA offers 25kb \$1.27/bbl
- Platts Mogas 92 spread: OCT18/NOV18: VERCER offers 25kb \$1.30/bbl
- Platts Mogas 92 spread: NOV18/DEC18: VERCER offers 25kb \$0.90/bbl
- Platts Mogas 92 spread: NOV18/DEC18: CITIBANK offers 25kb \$0.74/bbl

- Platts Mogas 92 spread: NOV18/DEC18: BPSG offers 25kb \$0.75/bbl
- Platts Mogas 92 spread: NOV18/DEC18: SKEISG offers 25kb \$0.75/bbl
- Platts Mogas 92 spread: NOV18/DEC18: MBCL offers 25kb \$0.80/bbl
- Platts Mogas 92 spread: NOV18/DEC18: ONYX offers 25kb \$0.80/bbl
 Platts Mogas 92 spread: NOV18/DEC18: VITOLSG offers 25kb
- \$0.80/bbl
- Platts Mogas 92 spread: NOV18/DEC18: TOTSA offers 25kb \$0.86/bbl

Withdrawals

- No offers reported
- ** Denotes OCO order.

Naphtha C+F Cargo

Trades (PGA page 2325)

- H1N0V18: SIETCO* sold to GLENCORESG 25kt \$683.00/mt 8:29:47
- * Denotes market maker. All times GMT

Bids (PGA page 2323)

- H20CT18: **GLENCORESG bids 25kt \$679.00/mt
- H1NOV18: **GLENCORESG bids 25kt \$681.00/mt
- H1NOV18: **PDSG bids 25kt \$678.00/mt
- H1NOV18: **IDEMITSU bids 25kt \$676.00/mt
- H1NOV18: **TOTALSG bids 25kt \$672.00/mt
- H2NOV18: **GLENCORESG bids 25kt \$679.00/mt
- H2NOV18: **IDEMITSU bids 25kt \$675.00/mt
- H2NOV18: **PDSG bids 25kt \$674.00/mt
- H2NOV18: PETREDECINTL bids 25kt \$672.00/mt
- H2NOV18: **TOTALSG bids 25kt \$671.00/mt

Withdrawals

Withdrawals

** Denotes OCO order.

- No bids reported
- ** Denotes OCO order.

Offers (PGA page 2324)

- H1NOV18: BPSG offers 25kt \$685.00/mt
- H1NOV18: **IDEMITSU offers 25kt \$688.00/mt
- H1NOV18: **TOTALSG offers 25kt \$691.00/mt
- H2NOV18: BPSG offers 25kt \$684.00/mt
- H2NOV18: **IDEMITSU offers 25kt \$687.00/mt
- H2NOV18: **TOTALSG offers 25kt \$690.00/mt

H1NOV18: **SIETCO no longer offers 25kt \$683.00/mt

H2NOV18: **SIETCO Withdraws offer 25kt \$682.00/mt

Naphtha C+F Japan Cargo Spreads

Trades (PGA page 2325)

H20CT18/H1N0V18: PDSG* sold to GUNVORSG 25kt \$1.25/mt 8:27:11

* Denotes market maker. All times GMT

Bids (PGA page 2323)

- H20CT18/H1N0V18: IDEMITSU bids 25kt \$0.00/mt
- H2NOV18/H2DEC18: **GLENCORESG bids 25kt \$3.00/mt
- H1DEC18/H1JAN19: **GLENCORESG bids 25kt \$3.00/mt

Withdrawals

- No bids reported
- ** Denotes OCO order.

Offers (PGA page 2324)

- H10CT18/H1N0V18: SIETCO offers 25kt \$1.25/mt
- H20CT18/H1N0V18: T0TALSG offers 25kt \$2.00/mt

Withdrawals

- H10CT18/H1N0V18: T0TALSG Withdraws offer 25kt \$3.00/mt
- H20CT18/H1N0V18: **PDSG no longer offers 25kt \$1.25/mt
- H1NOV18/H2NOV18: **PDSG Withdraws offer 25kt \$2.00/mt
- ** Denotes OCO order.

Jet Kero FOB Spore Paper

Trades (PGA page 4023)

- BAL MONTH: BPSG* sold to TOTSA 50kb \$91.70/bbl 8:29:21
- BAL MONTH: BPSG* sold to TOTSA 50kb \$91.75/bbl 8:29:58
 * Denotes market maker. All times GMT

Bids (PGA page 4021)

- BAL MONTH: TOTSA bids 50kb \$91.73/bbl
- BAL MONTH: DVTRADING bids 50kb \$91.60/bbl
- BAL MONTH: VERCER bids 50kb \$91.50/bbl
- BAL MONTH: ENGIE bids 50kb \$91.20/bbl
- BAL MONTH: DVTRADING bids 50kb \$-1.6/bbl

Withdrawals

No bids reported

** Denotes OCO order.

Offers (PGA page 4022)

- BAL MONTH: UNIPECSG offers 50kb \$91.75/bbl
- BAL MONTH: VERCER offers 50kb \$91.85/bbl
- BAL MONTH: BPSG offers 50kb \$-1.4/bbl
- BAL MONTH: UNIPECSG offers 50kb \$-1.4/bbl

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Withdrawals

BAL MONTH: BPSG no longer offers 50kb \$91.75/bbl
 ** Denotes 0C0 order.

Jet Kero FOB Spore Paper Spreads

Trades (PGA page 4023)

No trades reported

* Denotes market maker. All times GMT

Bids (PGA page 4021)

- BAL MONTH/OCT18: PTT bids 50kb \$-0.1/bbl
- BAL MONTH/OCT18: DVTRADING bids 50kb \$-0.13/bbl
- BAL MONTH/OCT18: TOTSA bids 50kb \$-0.13/bbl
- BAL MONTH/OCT18: FREEPTASIA bids 50kb \$-0.15/bbl
- BAL MONTH/OCT18: MBCL bids 50kb \$-0.15/bbl
- BAL MONTH/OCT18: VERCER bids 50kb \$-0.2/bbl

Withdrawals

- No bids reported
- ** Denotes OCO order.

Offers (PGA page 4022)

- BAL MONTH/OCT18: BPSG offers 50kb \$-0.03/bbl
- BAL MONTH/OCT18: UNIPECSG offers 50kb \$-0.03/bbl
- BAL MONTH/OCT18: VERCER offers 50kb \$0.00/bbl
- BAL MONTH/OCT18: MBCL offers 50kb \$0.00/bbl

Withdrawals

14

- No offers reported
- ** Denotes OCO order.

Gasoil FOB Spore Paper

Trades (PGA page 4019)

- BAL MONTH: VERCER* sold to LITASCO 50kb \$93.20/bbl 8:29:27
- BAL MONTH: SIETCO* sold to LITASCO 50kb \$93.20/bbl 8:29:28
- BAL MONTH: VERCER* sold to WINSON 50kb \$93.25/bbl 8:29:45
- BAL MONTH: MBCL* sold to WINSON 50kb \$93.25/bbl 8:29:46
- BAL MONTH: DVTRADING* sold to WINSON 50kb \$93.25/bbl 8:29:47
- BAL MONTH: ENGIE* sold to TOTSA 50kb \$93.20/bbl 8:29:49
- BAL MONTH: SIETCO* sold to WINSON 50kb \$93.25/bbl 8:29:51
- BAL MONTH: DVTRADING* sold to WINSON 50kb \$93.25/bbl 8:29:58
- BAL MONTH: VERCER* sold to WINSON 50kb \$93.24/bbl

8:30:00

- BAL MONTH: ENGIE* sold to UNIPECSG 50kb \$93.25/bbl 8:30:03
- BAL MONTH: VERCER* sold to UNIPECSG 50kb \$93.24/bbl 8:30:15
- BAL MONTH: VERCER* sold to LITASCO 50kb \$93.24/bbl 8:30:43
- * Denotes market maker. All times GMT

Bids (PGA page 4017)

- BAL MONTH: BPSG bids 50kb \$93.15/bbl
- BAL MONTH: WINSON bids 50kb \$93.15/bbl
- BAL MONTH: LITASCO bids 50kb \$93.10/bbl
- BAL MONTH: UNIPECSG bids 50kb \$93.10/bbl
- BAL MONTH: UNIPECSG bids 50kb \$93.05/bbl
- BAL MONTH: ARAMCO bids 50kb \$93.00/bbl
- BAL MONTH: DVTRADING bids 50kb \$93.00/bbl
- BAL MONTH: MERCURIASG bids 50kb \$93.00/bbl
- BAL MONTH: HARTREE bids 50kb \$92.95/bbl
- BAL MONTH: VERCER bids 50kb \$92.95/bbl
- BAL MONTH: ARAMCO bids 50kb \$92.90/bbl
- BAL MONTH: VERCER bids 50kb \$92.90/bbl
- BAL MONTH: ENGIE bids 50kb \$92.85/bbl
- BAL MONTH: VERCER bids 50kb \$92.85/bbl

Withdrawals

Withdrawals

** Denotes OCO order.

Trades (PGA page 4019)

No trades reported

- BAL MONTH: TOTSA Withdraws bid 50kb \$93.18/bbl
- BAL MONTH: ZENROCK Withdraws bid 50kb \$92.70/bbl
 ** Denotes 0C0 order.

BAL MONTH: VERCER no longer offers 50kb \$93.20/bbl

BAL MONTH: VERCER no longer offers 50kb \$93.24/bbl

BAL MONTH: MBCL no longer offers 50kb \$93.25/bbl

BAL MONTH: SIETCO no longer offers 50kb \$93.25/bbl

Offers (PGA page 4018)

- BAL MONTH: DVTRADING offers 50kb \$93.25/bbl
- BAL MONTH: ENGIE offers 50kb \$93.25/bbl
 BAL MONTH: VERCER offers 50kb \$93.25/bbl

Gasoil FOB Spore Paper Spreads

* Denotes market maker. All times GMT

Bids (PGA page 4017)

- BAL MONTH/OCT18: LITASCO bids 50kb \$0.71/bbl
- BAL MONTH/OCT18: BPSG bids 50kb \$0.70/bbl
- BAL MONTH/OCT18: UNIPECSG bids 50kb \$0.70/bbl
- BAL MONTH/OCT18: TOTSA bids 50kb \$0.69/bbl
- BAL MONTH/OCT18: HARTREE bids 50kb \$0.67/bbl
- BAL MONTH/OCT18: VERCER bids 50kb \$0.67/bbl
- BAL MONTH/OCT18: DVTRADING bids 50kb \$0.62/bbl
- BAL MONTH/OCT18: WINSON bids 50kb \$0.65/bbl
- OCT18/NOV18: BPSG bids 50kb \$0.62/bbl
- OCT18/NOV18: LITASCO bids 50kb \$0.62/bbl
- OCT18/NOV18: WINSON bids 50kb \$0.62/bbl
- OCT18/NOV18: UNIPECSG bids 50kb \$0.61/bbl
- OCT18/NOV18: VERCER bids 50kb \$0.61/bbl
- OCT18/NOV18: DVTRADING bids 50kb \$0.55/bbl

Withdrawals

OCT18/NOV18: VERCER Withdraws bid 50kb \$0.20/bbl
 ** Denotes 0C0 order.

Offers (PGA page 4018)

- BAL MONTH/OCT18: MBCL offers 50kb \$0.75/bbl
- BAL MONTH/OCT18: VERCER offers 50kb \$0.80/bbl
- OCT18/NOV18: MBCL offers 50kb \$0.67/bbl
- OCT18/NOV18: PTT offers 50kb \$0.68/bbl
- OCT18/NOV18: VERCER offers 50kb \$0.70/bbl

Withdrawals

- No offers reported
- ** Denotes OCO order.

FO 180 CST 3.5% FOB Spore Paper

Trades (PGA page 4027)

- OCT18: VERCER* sold to MCELT 5kt \$448.00/mt 8:30:15
- BAL MONTH: P66SG sold to VERCER* 5kt \$451.00/mt 8:29:39
- BAL MONTH: P66SG sold to MCELT* 5kt \$451.05/mt 8:29:44
- BAL MONTH: P66SG sold to VERCER* 5kt \$451.00/mt 8:29:47

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BAL MONTH: GUNVORSG sold to VERCER* 5kt \$451.00/mt 8:29:48

* Denotes market maker. All times GMT

Bids (PGA page 4025)

- OCT18: MCELT bids 5kt \$447.50/mt
- OCT18: SIETCO bids 5kt \$447.50/mt
- OCT18: MCELT bids 5kt \$447.00/mt
- OCT18: VERCER bids 5kt \$447.00/mt
- OCT18: VITOLSG bids 5kt \$446.50/mt

- OCT18: DVTRADING bids 5kt \$446.00/mt
- OCT18: MERCURIASG bids 5kt \$446.00/mt
- OCT18: VERCER bids 5kt \$446.00/mt
- OCT18: VERCER bids 5kt \$445.75/mt
- BAL MONTH: MCELT bids 5kt \$450.60/mt
- BAL MONTH: MCELT bids 5kt \$450.55/mt
- BAL MONTH: VITOLSG bids 5kt \$450.00/mt
- BAL MONTH: VERCER bids 5kt \$449.75/mt

Withdrawals

- BAL MONTH: VERCER no longer bids 5kt \$451.00/mt
- BAL MONTH: VERCER no longer bids 5kt \$451.00/mt
- ** Denotes OCO order.

Offers (PGA page 4026)

- OCT18: VERCER offers 5kt \$448.00/mt
- OCT18: VERCER offers 5kt \$448.75/mt
- OCT18: SIETCO offers 5kt \$449.00/mt
- OCT18: MCELT offers 5kt \$449.50/mt
- OCT18: VERCER offers 5kt \$449.75/mt
- OCT18: DVTRADING offers 5kt \$450.00/mt
- OCT18: MCELT offers 5kt \$450.00/mt
- OCT18: VITOLSG offers 5kt \$450.50/mt
- OCT18: DVTRADING offers 5kt \$452.00/mt
- OCT18: VERCER offers 5kt \$453.00/mt
- BAL MONTH: TRAFI offers 5kt \$451.50/mt
- BAL MONTH: GUNVORSG offers 5kt \$452.00/mt
- BAL MONTH: P66SG offers 5kt \$452.00/mt
- BAL MONTH: VITOLSG offers 5kt \$452.00/mt
- BAL MONTH: TRAFI offers 5kt \$452.25/mt
- BAL MONTH: GUNVORSG offers 5kt \$452.50/mt
- BAL MONTH: VERCER offers 5kt \$452.50/mt
- BAL MONTH: GUNVORSG offers 5kt \$452.75/mt
- BAL MONTH: MCELT offers 5kt \$452.75/mt
- BAL MONTH: VERCER offers 5kt \$453.00/mt
- BAL MONTH: MCELT offers 5kt \$453.25/mt
- BAL MONTH: SIETCO offers 5kt \$454.00/mt
- BAL MONTH: VERCER offers 5kt \$455.00/mt

Withdrawals

15

- OCT18: P66SG Withdraws offer 5kt \$451.00/mt
- OCT18: P66SG Withdraws offer 5kt \$452.00/mt

** Denotes OCO order.

FO 380 CST 3.5% FOB Spore Paper

Trades (PGA page 4027)

OCT18: VERCER sold to SIETCO* 5kt \$441.00/mt 8:20:18

- OCT18: BPSG* sold to MERCURIASG 5kt \$441.25/mt 8:29:46
- OCT18: BPSG* sold to TRAFI 5kt \$441.25/mt 8:29:54
- OCT18: BPSG* sold to TRAFI 5kt \$441.25/mt 8:30:00
- OCT18: GLENCORE* sold to PETROCHINA 5kt \$441.25/mt 8:30:05
- * Denotes market maker. All times GMT

Bids (PGA page 4025)

- BAL MONTH: VITOLSG bids 5kt \$6.25/mt
- BAL MONTH: P66SG bids 5kt \$6.00/mt
- OCT18: MERCURIASG bids 5kt \$441.00/mt
- OCT18: COASTAL bids 5kt \$440.50/mt
- OCT18: SIETCO bids 5kt \$440.50/mt
- OCT18: TOTSA bids 5kt \$440.50/mt
- OCT18: VERCER bids 5kt \$440.50/mt
- OCT18: VITOLSG bids 5kt \$440.50/mt

OCT18: VERCER bids 5kt \$440.00/mt

OCT18: LITASCO bids 5kt \$439.75/mt

OCT18: DVTRADING bids 5kt \$439.50/mt

OCT18: DVTRADING bids 5kt \$439.00/mt

OCT18: GLENCORE bids 5kt \$440.50/mt

BAL MONTH: MCELT bids 5kt \$444.50/mt

BAL MONTH: MCELT bids 5kt \$444.00/mt

BAL MONTH: VITOLSG bids 5kt \$444.00/mt

BAL MONTH: VERCER bids 5kt \$443.75/mt

BAL MONTH: VERCER bids 5kt \$444.00/mt

BAL MONTH/OCT18: VITOLSG bids 5kt \$4.25/mt

BAL MONTH/OCT18: TOTSA bids 5kt \$4.00/mt

BAL MONTH/OCT18: TOTSA bids 5kt \$3.00/mt

OCT18: ZENROCK Withdraws bid 5kt \$439.50/mt

BAL MONTH: P66SG offers 5kt \$6.75/mt

BAL MONTH: VITOLSG offers 5kt \$6.75/mt

OCT18: GLENCORE offers 5kt \$441.25/mt

BAL MONTH: TRAFI Withdraws bid 5kt \$443.00/mt

Withdrawals

** Denotes OCO order.

Offers (PGA page 4026)

BAL MONTH: VERCER bids 5kt \$444.25/mt

BAL MONTH: COASTAL bids 5kt \$444.00/mt

OCT18: LITASCO bids 5kt \$439.00/mt

OCT18: VERCER bids 5kt \$439.75/mt

OCT18: MCELT bids 5kt \$439.75/mt

OCT18: BPSG bids 5kt \$439.50/mt

OCT18: MCELT bids 5kt \$440.25/mt
 OCT18: SIETCO bids 5kt \$440.00/mt
 OCT18: TOTSA bids 5kt \$440.00/mt

- OCT18: BPSG offers 5kt \$441.50/mt
- OCT18: VERCER offers 5kt \$441.50/mt
- OCT18: GUNVORSG offers 5kt \$441.75/mt
- OCT18: MCELT offers 5kt \$441.75/mt
- OCT18: CITIBANK offers 5kt \$442.00/mt
- OCT18: DVTRADING offers 5kt \$442.00/mt
- OCT18: MERCURIASG offers 5kt \$442.00/mt
- OCT18: SIETCO offers 5kt \$442.00/mt
- OCT18: SIETCO offers 5kt \$442.00/mt
- OCT18: VERCER offers 5kt \$442.00/mt
- OCT18: YONGYU offers 5kt \$442.00/mt
- OCT18: DVTRADING offers 5kt \$442.25/mt
- OCT18: MCELT offers 5kt \$442.25/mt
- OCT18: VERCER offers 5kt \$442.25/mt
- OCT18: COASTAL offers 5kt \$442.75/mt
- OCT18: VITOLSG offers 5kt \$443.50/mt
- OCT18: CITIBANK offers 5kt \$443.75/mt
- OCT18: CITIBANK offers 5kt \$444.50/mt
- OCT18: VERCER offers 5kt \$445.00/mt
- OCT18: CITIBANK offers 5kt \$445.50/mt
- OCT18: LITASCO offers 5kt \$445.50/mt
- OCT18: VERCER offers 5kt \$445.50/mt
- OCT18: LITASCO offers 5kt \$446.00/mt
- BAL MONTH: COASTAL offers 5kt \$449.25/mt
- BAL MONTH: GUNVORSG offers 5kt \$446.50/mt
- BAL MONTH: VERCER offers 5kt \$447.00/mt
- BAL MONTH: MCELT offers 5kt \$447.50/mt
- BAL MONTH: VERCER offers 5kt \$447.75/mt
- BAL MONTH: MCELT offers 5kt \$448.00/mt
- BAL MONTH: VITOLSG offers 5kt \$448.00/mt
- BAL MONTH: VERCER offers 5kt \$448.25/mt
- BAL MONTH: LITASCO offers 5kt \$448.50/mt
- BAL MONTH: VERCER offers 5kt \$450.25/mt
- BAL MONTH/OCT18: GUNVORSG offers 5kt \$5.00/mt
- BAL MONTH/OCT18: VITOLSG offers 5kt \$5.25/mt

Withdrawals

- OCT18: MCELT Withdraws offer 5kt \$445.00/mt
- OCT18: BPSG no longer offers 5kt \$441.25/mt
- OCT18: MCELT Withdraws offer 5kt \$445.50/mt

** Denotes OCO order.

Mideast Sour Crude

Trades (PGA page 2284)

NOV18: UNIPECASIA* sold to SIETCO 25kb \$76.25/bbl 8:29:53

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NOV18: UNIPECASIA sold to SIETCO* 25kb \$76.25/bbl 8:29:59

* Denotes market maker. All times GMT

Bids (PGA page 2282)

- NOV18: BPSG bids 25kb \$76.20/bbl
- NOV18: EQUINOR bids 25kb \$76.20/bbl
- NOV18: MERCURIASG bids 25kb \$76.20/bbl
- NOV18: PDCL bids 25kb \$76.20/bbl
- NOV18: VITOLSG bids 25kb \$76.10/bbl
- NOV18: P66SG bids 25kb \$76.00/bbl
- NOV18: CCMA bids 25kb \$75.85/bbl
- NOV18: FREEPTSG bids 25kb \$75.80/bbl
- NOV18: TOTSA bids 25kb \$75.80/bbl
- NOV18: UNIPECASIA bids 25kb \$75.75/bbl

Withdrawals

- NOV18: SIETCO no longer bids 25kb \$76.25/bbl
- NOV18: PCHK Withdraws bid 25kb \$75.30/bbl
- ** Denotes OCO order.

Offers (PGA page 2283)

- NOV18: MERCURIASG offers 25kb \$76.40/bbl
- NOV18: SIETCO offers 25kb \$76.60/bbl
- NOV18: RGES offers 25kb \$76.30/bbl
- NOV18: TOTSA offers 25kb \$76.40/bbl
- NOV18: VITOLSG offers 25kb \$76.45/bbl

Withdrawals

- NOV18: PCHK Withdraws offer 25kb \$76.60/bbl
- NOV18: UNIPECASIA no longer offers 25kb \$76.25/bbl
 ** Denotes 0C0 order.

Mideast Sour Crude Spreads

Trades (PGA page 2284)

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

Bids (PGA page 2282)

No bids reported

Withdrawals

No bids reported
 ** Denotes OCO order.

APAC DEALS SUMMARY

Mideast Sour Crude convergences (PGA page 2296)

NA

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Offers (PGA page 2283)

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

Asia Light Sweet Crude

Trades (PGA page 2254)

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

Bids (PGA page 2252)

No bids reported

Withdrawals

- No bids reported
- ** Denotes OCO order.

Offers (PGA page 2253)

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

Trades (PGA page 2254)

No trades reported

Bids (PGA page 2252)

No bids reported

No bids reported

Offers (PGA page 2253)

No offers reported

No offers reported

** Denotes OCO order.

** Denotes OCO order.

Withdrawals

Withdrawals

Asia Light Sweet Crude Spreads

* Denotes market maker. All times GMT

Gasoil FOB Arab Gulf Cargo assessment rationale: (PGA

page 2489) 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 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.

The above commentary applies to the market data code: POAAT00

Asia & Middle East Gasoil bids/offers/trades: (PGA page 2491)

- PLATTS GO BIDS: FINALS ON CLOSE
- Gasoil 10ppm: FOB Straits: BP bids MOPS +0.20 Sep 20-24 150kb (Deemed pricing Sep 19-25)
- Gasoil 10ppm: FOB Straits: Winson bids MOPS +0.45 Sep 21-25 215kb (Deemed pricing Sep 20-26) INCO
- Gasoil 10ppm: FOB Straits: Lukoil bids MOPS +0.30 Sep 24-28 150kb INCO
- Gasoil 10ppm: FOB Straits: Unipec bids MOPS +0.30 Sep 25-29 150kb (Deemed pricing Sep 24-28)
- Gasoil 10ppm: FOB Straits: Winson bids MOPS +0.40 Sep 26-30 150kb (Deemed pricing Sep 24-28) INCO
- Gasoil 10ppm: FOB Straits: BP bids MOPS +0.20 Sep 28-Oct 2 150kb (Deemed pricing Sep 27-Oct 3)
- Gasoil 10ppm: FOB Straits: Lukoil bids MOPS +0.30 Sep 29-Oct 3 150kb INCO
- PLATTS GO OFFERS: FINALS ON CLOSE
- Gasoil 10ppm: FOB Straits: Total offers MOPS +0.45 Sep 26-30 150kb (Deemed pricing Sep 4-10)
- Platts Gasoil Trade Summary NO trades reported

Asia & Middle East Gasoil Cargo exclusions: (PGA page 2491) No market data was excluded from the September 3, 2018 Asian gasoil market on close assessment process.

Asia & Middle East Gasoil Paper exclusions: (PGA page

4020) No market data was excluded from the September 3, 2018 Singapore gasoil derivative Market-on-Close assessment process.

SUBSCRIBER NOTES (continued) (PGA page 1500)

over the same period. As stated in a subscriber note published August 7, Platts has identified errors involving the flat rate used in the calculation of the netback and net-forward calculations for its RON 92 and RON 95 gasoline Mean of Platts Arab Gulf, Japan and Australia. The link to the note can be found at https://www.spglobal. com/platts/en/our-methodology/subscriber-notes/080718-pl attscorrects-error-in-some-asia-mid-east-gasoline-netbacks After further review, Platts is correcting its FOB Arab Gulf 92 RON, FOB Arab Gulf 95 RON. C+F Australia 92 RON. C+F Australia 95 RON. C+F Japan 91-92 RON and C+F Japan 95 RON assessments from April 2, 2018 to August 6, 2018, as well as the daily Arab Gulf to Singapore netback freight assessment and Singapore to Australia and Singapore to Japan net-forward freight assessments. The correction also includes monthly averages for all of these assessments. These assessments appear in Platts Global Alert pages PGA2370, PGA2371, PGA2330, PGA2331, PGA2320, PGA2321, PGA2310, PGA2311, PGA2304, PGA2305, PGA 2910 and PGA 2911. The full list of correct values can be found online here: https://www. spqlobal.com/platts/plattscontent/ assets/ files/downloads/gasoli ne-correction-2018.xlsx For questions or comments, please email

Fuel Oil

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Market analysis: (PGA page 2599) The Singapore high sulfur fuel oil market started the new month on a weak note, with supply expected to rise in coming weeks, traders said Monday. "More cargoes are being imported," said a trader in Singapore. Singapore is likely to receive more than 4 million mt of fuel oil from Europe and the US in September, up from 3.5 million-4 million mt in August, traders said. Reflecting the easing supply tightness, the 380 CST HSFO cash differential dropped to \$4.65/mt Friday, the lowest since July 12, when it stood at \$4.49/mt, S&P Global Platts data showed. Singapore's residue inventories jumped 17.1% week on week to 16.661 million barrels as of August 29, latest data from IE Singapore showed. Meanwhile, UAE's ADNOC Sunday said its subsidiary ADNOC Refining had successfully completed the commissioning of a 40,000 b/d delayed coker. The coker is a part of the Carbon Black and Coker Project, in which "ADNOC will

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.

Corrects Aug 29 Asian 380 CST HSFO assessments Please note that Platts has corrected the August 29 FOB Singapore, FOB Arab Gulf and FOB Korea 380 CST high sulfur fuel oil physical assessments as follows:

High/Low Mid-point Code

 FOB Singapore HSF0 380 CST
 443.51-443.55
 443.53
 PPXDK00

 HSF0 380 CST spot prem/disc
 5.17/5.21
 5.19
 PPXDL00

 HSF0 180/380 spread
 6.71/6.75
 6.73
 PPXDM00

 FOB Arab Gulf HSF0 380 CST
 430.84-430.88
 430.86
 AAIDC00

 FOB Korea HSF0 380 CST 3.5% sulfur
 441.18-441.22
 441.20
 PUBDY00

 These assessments appear in the Platts Asia-Pacific/Arab Gulf
 Marketscan, on Platts Global Alert pages 1540, 2502, 2510, 2520, 2540, 2004, 2002, 2008 and 39 and in the Platts price database
 under the codes listed above.

extract the maximum value from 'bottom-of-the-barrel' heavy oils and slurry," ADNOC said on its website. Ruwais currently produces around 5.6 million mt/year of fuel oil, and ADNOC aims to reduce that to zero. The project includes construction of a carbon black plant that can produce 40,600 mt/year of different grades of carbon black. In other news, Saudi Arabia's Rabigh Refining and Petrochemical Co. is studying a new project to convert fuel oil into diesel and other higher value products, the company said Sunday. The company plans to build two new units, with a capacity of up to 75,000 b/d, and will invite contractors to bid for the project's initial engineering studies, PetroRabigh said in a filing to the Saudi stock exchange Sunday. In tender news, Taiwan's Formosa has sold 40,000 mt of 380 CST HSFO with maximum 2.5% sulfur for loading over September 16-18 from Mailiao to Hin Leong at a discount of around \$10/mt to the Mean of Platts Singapore 180 CST HSFO assessments, FOB, market sources said.

F0 180 CST 3.5%S F0B Spore Cargo assessment

rationale: (PGA page 2593) The FOB Singapore 180 CST high sulfur fuel oil assessment on Monday reflected a trade for a cargo loading over September 18-22 that Trafigura sold to Mercuria at MOPS plus \$2/mt, a trade for a cargo loading over September 20-24 that Trafigura sold to Mercuria at MOPS plus \$2/mt, an offer from Trafigura for a cargo loading over September 23-27 at MOPS plus \$2.50/mt and an offer from P66 for a cargo loading over September 28-October 2 at MOPS plus \$2.50/mt.

The above commentary applies to the market data code: PUADV00

FO 380 CST 3.5%S FOB Spore Cargo assessment

rationale: (PGA page 2593) The FOB Singapore 380 CST high sulfur fuel oil assessment Monday reflected a bid from PetroChina for a cargo loading over September 18-22 at MOPS plus \$3.50/mt, a bid from PetroChina for a cargo loading over September 23-27 at MOPS plus \$3.50/mt and an offer from Gunvor for a cargo loading over September 24-28 at MOPS plus \$4/mt.

The above commentary applies to the market data code: PPXDK00

F0 180 CST F0B Arab Gulf Cargo assessment rationale:

(PGA page 2593) The FOB Arab Gulf 180 CST high sulfur fuel oil 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.

The above commentary applies to the market data code: PUABE00

FO 380 CST 3.5% FOB Arab Gulf Cargo assessment

rationale: (PGA page 2593) The FOB Arab Gulf 380 CST high sulfur fuel oil 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.

The above commentary applies to the market data code: AAIDCOO

Singapore Fuel Oil bids/offers/trades: (PGA page 2594)

- ASIA 180 CST HSFO CARGO: DEAL SUMMARY: Three trades
- 1) Platts HSF0 180CST: FOB Straits: 23kt: Sep 18-22: Trafigura sells to Mercuria at MOPS +\$3.00/mt INCO (4:25:36.529)
- 2) Platts HSF0 180CST: FOB Straits: 23kt: Sep 18-22: Trafigura sells to Mercuria at MOPS +\$2.00/mt INCO (4:27:30.015)
- 4) Platts HSF0 180CST: F0B Straits: 20kt: Sep 20-24: Trafigura sells to Mercuria at MOPS +\$2.00/mt INCO (4:27:33.971)
- ASIA 180 CST HSF0 CARGO: OUTSTANDING INTEREST: Platts HSF0 180CST: FOB Straits: Vitol bids MOPS +1.00 Sep 18-22 20kt INCO OR Platts HSFO 180CST: FOB Straits: Vitol bids MOPS +1.00 Sep 23-27 20kt INCO OR Platts HSFO 180CST: FOB Straits: Vitol bids MOPS +1.00 Sep 29-Oct 3 20kt INCO; Platts HSFO 180CST: FOB Straits: Vitol offers MOPS +4.00 Sep 18-22 20kt INCO; Platts HSFO 180CST: FOB Straits: P66 offers MOPS +4.00 Sep 18-22 20kt INCO; Platts HSFO 180CST: FOB Straits: P66 offers MOPS +3.00 Sep 23-27 20kt INCO; Platts HSF0 180CST: FOB Straits: P66 offers MOPS +2.50 Sep 28-Oct 2 20kt INCO; Platts HSFO 180CST: FOB Straits: P66 offers 454.00 Sep 28-Oct 2 20kt INCO; Platts HSFO 180CST: FOB Straits: Trafi offers MOPS +2.50 Sep 18-22 20kt OR Platts HSFO 180CST: FOB Straits: Trafi offers MOPS +2.50 Sep 23-27 20kt OR Platts HSFO 180CST: FOB Straits: Trafi offers MOPS +4.00 Sep 28-Oct 2 20kt; Platts HSF0 180CST: FOB Straits: HL offers 459.00 Sep 18-22 20kt INCO2000; Platts HSFO 180CST: FOB Straits: Shell offers MOPS +7.75 Sep 18-22 20kt SHELL GTC
- ASIA 180 CST HSFO CARGO: WITHDRAWN: WD: Platts HSFO 180CST: FOB Straits: Mercuria no longer bids on 453.00 Sep 18-22 23kt INCO OR Platts HSFO 180CST: FOB Straits: Mercuria no longer bids on MOPS +2.00 Sep 18-22 23kt INCO after trade with Trafi at MOPS +3.00 (4:25:36.529), MOPS +2.00 (4:27:30.015)
- WD: Platts HSF0 180CST: FOB Straits: Mercuria no longer

bids 452.00 Sep 20-24 20kt INCO OR Platts HSFO 180CST: FOB Straits: Mercuria no longer bids MOPS +2.00 Sep 20-24 20kt INCO after trade with Trafi (4:27:33.971)

- ASIA 380 CST HSFO CARGO: DEAL SUMMARY: Two trades
- 3) Platts HSF0 380CST: FOB Straits: 20kt: Sep 18-22: Hin Leong buys from Gunvor at MOPS Bal Sep Avg +\$3.50/mt (4:27:33.727)
- 5) Platts HSFO 380CST: FOB Straits: 20kt: Sep 19-23: Hin Leong buys from Gunvor at MOPS +\$3.50/mt INCO (4:29:52.176)
- ASIA 380 CST HSF0 CARGO: OUTSTANDING INTEREST: Platts HSF0 380CST: FOB Straits: Vitol bids MOPS +2.00 Sep 18-22 20kt INCO OR Platts HSFO 380CST: FOB Straits: Vitol bids MOPS +2.00 Sep 23-27 20kt INCO OR Platts HSF0 380CST: FOB Straits: Vitol bids MOPS +2.00 Sep 29-Oct 3 20kt INCO; Platts HSFO 380CST: FOB Straits: PetroChina bids MOPS +3.50 Sep 18-22 40kt INCO; Platts HSF0 380CST: FOB Straits: PetroChina bids MOPS +3.50 Sep 23-27 40kt INCO; Platts HSFO 380CST: FOB Straits: Shell bids MOPS +1.00 Sep 18-22 20kt OR Platts HSFO 380CST: FOB Straits: Shell bids MOPS +1.00 Sep 23-27 20kt; Platts HSF0 380CST: FOB Straits: Mercuria offers MOPS +8.00 Sep 18-22 20kt INCO OR Platts HSFO 380CST: FOB Straits: Mercuria offers MOPS +8.00 Sep 23-27 20kt INCO OR Platts HSFO 380CST: FOB Straits: Mercuria offers MOPS +8.00 Sep 29-Oct 3 20kt INCO; Platts HSF0 380CST: FOB Straits: Vitol offers MOPS +5.00 Sep 22-26 20kt INCO; Platts HSFO 380CST: FOB Straits: Vitol offers MOPS +5.00 Sep 25-29 20kt INCO; Platts HSFO 380CST: FOB Straits: Trafi offers MOPS +5.00 Sep 18-22 20kt INCO OR Platts HSFO 380CST: FOB Straits: Trafi offers MOPS +5.00 Sep 23-27 20kt INCO OR Platts HSF0 380CST: FOB Straits: Trafi offers MOPS +5.00 Sep 28-Oct 2 20kt INCO; Platts HSFO 380CST: FOB Straits: Gunvor offers MOPS +4.00 Sep 24-28 20kt INCO; Platts HSF0 380CST: FOB Straits: Socar offers MOPS +8.00 Sep 18-22 20kt INCO; Platts HSFO 380CST: FOB Straits: Socar offers MOPS +8.00 Sep 23-27 20kt INCO; Platts HSFO 380CST: FOB Straits: Socar offers MOPS +8.00 Sep

29-Oct 3 20kt INCO

- ASIA 380 CST HSFO CARGO: WITHDRAWN:
- Platts HSF0 380CST: FOB Straits: Gunvor no longer offers MOPS +3.50 Sep 19-23 20kt INCO after trade with HL (4:29:52.176); Platts HSF0 380CST: FOB Straits: Gunvor no longer offers Bal Sep Avg +3.50 Sep 18-22 20kt OR after trade with HL (4:27:33.727); WD: Platts HSF0 380CST: FOB Straits: Gunvor no longer offers MOPS +3.50 Sep 18-22 20kt OR WD: Platts HSF0 380CST: FOB Straits: Gunvor no longer offers H2 Sep Avg +4.00 Sep 18-22 20kt

Singapore Fuel Oil Cargo exclusions: (PGA page 2594) No market data was excluded from the September 3, 2018 assessment process.

Singapore Fuel Oil Paper exclusions: (PGA page 4028) No market data was excluded from Asian Fuel Oil market on close assessment process.

US West Coast Gasoline (PGA page 397)

NA

Sour Crude

Market analysis: (PGA page 2298) Activity in the Middle Eastern sour crude market was low on the first trading day of the month and was expected to remain so until the release of official selling prices by producers, traders said Monday. Outlook for November-loading spot barrels of sour crude remained little changed from August as light sour crude grades remained under pressure from an influx of arbitrage volumes from the West, market sources said. The November Brent/Dubai Exchange of Futures for Swaps was assessed at \$3.30/b on Friday, but narrowed to \$3.11/b as of 0700 GMT Monday, S&P Global Platts data showed. A narrower EFS typically makes the flow of Western Brent-linked arbitrage crudes to Asia more feasible. Meanwhile, the quality premium for Novemberloading Murban crude oil was set at \$1.2163/b, and will be effective for November-loading cargoes during the Platts Market on Close assessment process through September. The MOC process saw its first cargo of Murban crude declared via the partials delivery mechanism on Friday, the final trading day for August. A 500,000-barrel cargo for October loading was declared by Total to Shell, after Total sold its 20th partial of Oman crude to Shell during the MOC assessment process at \$75.95/b on Friday. The declaration concluded an actively traded session for Oman partials, where there was firm bidding interest from Shell at the onset as well as active selling by Total as well as other counterparties. Twenty-eight partials of 25,000 barrels each, or 700,000 barrels in total, of Octoberloading Oman crude traded on Friday. Platts assessed October cash Oman at \$75.95/b Friday, compared with \$76.10/b the day before. The Platts MOC assessment process has seen active offers for Oman crude partials since August 15. Three partial cargoes of Oman crude changed hands the following day, the first such trading in almost two years. The October cash assessment for Oman crude settled at \$75.95/b, taking the average for August to \$72.655/b. The Platts cash assessment for Octoberloading Dubai crude oil cargoes settled at \$75.80/b on Friday and averaged \$72.487/b in August. Dubai's discount to the Oman assessment averaged 16.8 cents/b in August, compared with a discount of 10.2 cents/b in July. For August, a total of 209 partials traded during the Platts MOC assessment process, 167 of these being October Dubai partials, and 42 being October Oman partials. The month saw a total of four October-loading cargoes declared during the Platts MOC assessment process by various sellers — one each of Murban, Oman, Al-Shaheen and Upper Zakum crudes. In comparison, a combined total of eight September-loading cargoes were declared during the Platts MOC assessment process last month. Six Upper Zakum cargoes and two Al-Shaheen crude parcels were declared by various sellers.

Dubai MoO1 assessment rationale: (PGA page 2286) The November cash Dubai assessment Monday took into consideration trades for November Dubai partials at \$76.25/b towards the end of the Platts Market on Close assessment process.

The above commentary applies to the market data code: PCAATOO

Oman Blend MoO1 assessment rationale: (PGA page 2286)

The November cash Oman assessment Monday was assessed equivalent to a premium of \$1.52/b to November Dubai swaps, in line with values discussed in the wider market.

The above commentary applies to the market data code: PCABS00

Mideast Sour Crude exclusions: (PGA page 2285) No market data was excluded for Mideast Sour Crude market on close assessment process.

Sweet Crude

Market analysis: (PGA page 2299) The Asian sweet crude market Monday saw the release of Malaysia's latest crude oil official selling price for August. State-owned Petronas lowered the Malaysian Crude Oil OSP for a basket of crude grades loaded in August by \$1.83/b from July to \$76.37/b, the company said. Last month, it set the MCO OSP differential for August at a premium of \$3.75/b to to Platts Dated Brent crude assessments. down 10 cents/b from July. Dated Brent crude assessments averaged \$72.62/b in August, down \$1.73/b from July, S&P Global Platts data showed. In the broader market, activity remained sluggish with most Octoberloading cargoes cleared and traders awaiting the release of November-loading programs. Results on Indonesian Pertamina's condensate tender seeking Septemberdelivery cargoes remained unclear. There was talk that the company failed to award the tender, though this could not be confirmed with Pertamina. The company had also issued another tender seeking five condensate

cargoes for delivery over various laycans in October and November. That tender closes on September 3, with validity until September 5. Elsewhere, traders also said that Qatar Petroleum for the Sale of Petroleum Products' tender offering term low sulfur condensate for loading over October 2018-March 2019 might have been awarded to a Chinese end-user, though this could not be confirmed. The award level was likely done on a Qatar Condensate Price basis, though one trader said the level will be equivalent to a premium in the \$2s/b to Platts Dubai crude assessments on a FOB basis.

ESPO FOB Kozmino Mo01 Spore vs Dubai Mo01 assessment rationale: (PGA page 2292) The ESPO M1 assessment Monday took into consideration latest trade indications heard for ESPO Blend crude. The above commentary applies to the market data code: AASEU00

Asia Light Sweet Crude exclusions: (PGA page 2255) No

market data was excluded for Asia Light Sweet Crude market on close assessment process.