The **Officials**

The Benchmark Publication

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Don't take your eye off the ball in IE week



Markets opened International Energy Week well down, still suffering with Friday's hangover, as key participants prepare for a frantic week of conferences and boozy meetings in London But in Dubai it's finally convergence o'clock!! On the 16th trading day of February, Chevron declared a cargo to PetroChina. We only had to wait until the final week of the month to get one, quite a change in pace from the prior few months. But you wait for a bus and three turn up at the same time. As well as Chevron's convergence with PetroChina, Reliance declared an Upper Zakum to PetroChina and another of the same grade to Vitol.

Previously, we've seen bids raised across the board by a plethora of buyers with few sellers wanting to come out and smack them down. But today, Chevron was whacking bids with such energy it accidentally hit one from BP 35c below the otherwise trading price – which led to a hurried reversal of the trade. PetroChina and Vitol each got a slap from the Americans, though the Chinese bore the brunt of the American assault – something of a universal experience for the Chinese this weekend \bigcirc - see page 2 for the details. All of today's trading came from bids getting whacked, while offers remained rather elevated above the trading level. Bidders couldn't break through the heavily defended Chevron and Reliance line.

By contrast, Asia held the fort for Brent flat price. After Friday's slip 'n' slide from above \$76 towards the low-\$74 range, today's Asian trading session held firm near \$74.30 and \$74.40. Europe did little to break the elastic and Brent closed at \$74.37/bbl. Keep an eye on our assessments in the Euro report tonight for a surprise!

The road to peace is never smooth, but the sensitive hostage situation has made it infinitely bumpier. Israel suspended release of Palestinian prisoners due to "Hamas' repeated violations" of the ceasefire agreement, including "humiliating ceremonies" performed in the release of Israeli hostages. The region's teetering on a knife edge while walking a tightrope over shark-infested waters. We hope someone can pull a rabbit from a hat and cool the whole situation.

Summary								
Physical and Futures		24-Feb-2	5	1-Day	Change	7-Day	Change	
Brent Apr (fut)	(\$/bbl)	74.370		-1.	810	-0	.810	
WTI Apr (fut)	(\$/bbl)	70.260		-1.	870	-0	.830	
Dubai Apr (phys)	(\$/bbl)	77.000		-1.	840	-0	.550	
OBI Continuous (Asia)	(\$/bbl)	74.370		-1.810		-0.810		
Crude Swaps Mar								
Brent	(\$/bbl)	73.940		-1.750		-0	-0.860	
DFL	(\$/bbl)	0.490		-0.030		+0.110		
WTI	(\$/bbl)	74.700		-1.840		-0	-0.800	
Dubai	(\$/bbl)	74.700		-1.	690	-0	-0.370	
Tenor		Apr-25	М	ay-25 Jun-25			Ju1-25	
Crude Futures								
Brent (fut)	(\$/bbl)	74.370	7	3.980	73.630		73.270	
WTI (fut)	(\$/bbl)	70.260	70.100		69.860		69.550	
OBI (fut)	(\$/bbl)	74.370	7	3.980	73.630		73.270	



In detail

IE week opens down! Brent futures tumbled and couldn't recover by the Asian close this morning. In fact, they dropped sharply by \$1.81/bbl to close at \$74.37/bbl. WTI followed a similar trajectory, plunging to nearly \$70, the lowest level since 30 December 2024, before settling slightly higher at \$70.26/bbl. Dubai partials also fell by \$1.84/bbl to \$77.00/bbl by the close – their lowest flat price since 9 January! This steep drop also compressed the Dubai physical premium by 25c, bringing it down to \$2.93.

They're folding like paper, against the unstoppable orange onslaught. After Trump threw his weight against Iraq last week demanding it allow full resumption of Kurdish crude exports, the semi-autonomous region's government agreed with the federal oil ministry to resume exports according to volumes available. This morning, the Iraqi oil minister said Kurdish exports would resume in a week's time.

Simultaneously, the Iraqi oil ministry said procedures to allow the restart of exports via pipeline to Turkey. The pipeline from Kirkuk to Ceyhan has a nominal capacity of over 1 mil b/d of crude to the Mediterranean, but its utilisation at the moment is likely closer to a few hundred thousand barrels per day. The pipeline has been targeted numerous times for attacks over the past couple of decades, suffering from Iraq's recent political instability. Kurdistan's got much closer to Europe this weekend, in every sense except geographically, as direct flights between Erbil and Athens began yesterday. The Iraqi Kurds have had a tough time recently, but these developments should help them out.

But is there the demand in Europe for this additional supply? It doesn't look like it, as Europe's economic decline shows no sign of retracing, unless the new German government can turn things around. In any case, it's all systems go in Iraq. OPEC compliance officers must be quaking in their boots, as Iraq's track record doesn't instil confidence it will stick to quotas, especially with additional export capacity back up and running – the IEA saw production 200 kb/d above target in January. But if you're one of the OPEC enforcers, don't worry: just this morning, the Iraqis affirmed "full commitment to the OPEC+ agreement, the agreed voluntary adjustments, and compensating for the accumulated volumes". Actions speak louder than words, fellas...

Biden had a go at cracking the shipping nut and now Trump wants to take a sledgehammer to it too. The US Treasury proposed stringent fees on Chinese ships making port calls in the US. The Treasury wants to fight with China on the basis of China's "targeting of the maritime, logistics, and shipbuilding sectors for dominance". Hey, if they're more competitive, how do you beat them? The answer's obvious: impose stinging tariffs and charges on their activities. The US will impose charges on operators up to \$1.5 million for each entrance of a Chinese-built vessel into a US port, depending on the share of Chinese-built vessels in their fleet. The proposal had an immediate impact, with Cosco Shipping share price dumping over 5% this morning, before retracing around half of those losses. America first. That's the Trump administration's M.O., and the release also insisted that "U.S. goods are to be exported on U.S. flagged, U.S.-built vessels" but may be approved for export on a non-U.S.-built vessel provided the operator demonstrates at least 20% of US products it transports are on U.S.-built vessels (per calendar year).

Yet the Americans can't deny a resurging China. The Chinese government's stimulus bazooka has aided a recovery in iron ore futures to \$107.65 on SGX. Despite this, prompt iron ore futures are still down 48% down from their peak in 2021. By contrast, copper has been enjoying its time in the limelight as the cornerstone of electrification, reaching \$453.50 per lb, close to all-time highs.

This is driving rotations in the mining industry, as BHP is shifting its sights from iron to copper. 5 years ago, its ventures in iron ore drove over 85% of its earnings and almost 40% of its capex. But the tide's turning. Weak construction demand in China weighed on iron ore prices and profitability was hit. In H1 2024, BHP reported a 23% fall in profits y/y. No wonder they're shifting strategy. But if China's property sector is staging a recovery, that can only benefit demand for both metals. Copper and steel are core inputs in construction, alongside, naturally, petchems. But China is also grappling with systemic over-capacity. According to Mysteel, China is bringing online another 2.78mt per year of polyethylene capacity in Q1 this year, so don't hold your breath for booming petchem prices.

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Multi-Asset Benchmarks (1630 Singapore time) 24-Feb-25 1-Day Change 7-D Crypto USD/BTC 95444.300 -2,772.840 USD/ETH 2682.228 -72.699 USD/omBTC (Onyx Mini Bitcoin) 0.954 -0.028 USD/XRP 2.455 -0.210	-625.890 -5.767 -0.006 -0.193
Crypto USD/BTC 95444.300 -2,772.840 USD/ETH 2682.228 -72.699 USD/omBTC (Onyx Mini Bitcoin) 0.954 -0.028	-625.890 -5.767 -0.006
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USD/omBTC (Onyx Mini Bitcoin) 0.954 -0.028	-0.006
	-0.006
-U.21U	
Commodities USD omBTC	
Brent (/bbl) 74.370 77.920 -1.810	-0.810
WTI (/bbl) 70.260 73.614 -1.870	-0.830
Dubai (/bbl) 77.000 80.675 -1.840	-0.550
RBOB Gasoline (/bbl) 202.690 212.365 -4.320	-6.700
Heating Oil (/bbl) 241.730 253.268 -6.440	-2.780
Nat Gas TTF (EUR/MWh) 46.450 48.667 -1.370	-3.710
Nat Gas HH (mmBtu) 4.026 4.218 -0.321	+0.387
Copper (lb) 458.150 480.018 -2.500	-11.450
Silver (t oz) 33.215 34.800 -0.235	+0.070
Gold (t oz) 2956.400 3097.513 +23.500	+45.400
Currency	
EUR/USD 1.048 +0.000	+0.000
USD/JPY 149.310 -1.220	-2.600
USD/CNY 7.248 -7.254	-0.012
USD/INR 86.728 +0.015	-0.134
ODX TM Asia 110.819 -0.232	-0.546
Sovereign Yields	
10 year Treasury (US) 4.420 -0.056	-0.057
10 year Gilt (UK) 4.555 -0.041	-0.013
10 year OAT (France) 3.209 -0.031	-0.018
10 year Bund (Germany) 2.457 -0.036	-0.031
10 year Japanese N/A	N/A
10 year Chinese	+0.117
Equities	
S&P 500 (fut) 6049.000 -84.500	-90.000
NASDAQ (fut) 21741.500 -396.750	-492.500
DOW Jones (fut) 43654.000 -641.000	-992.000
EUROSTOXX (fut) 5461.000 -16.000	-45.000
FTSE 100 (fut) 8663.000 +12.500	-51.500
CSI 300 3969.717 -8.727	+22.302
Nikkei 225 (fut) 38230.000 -620.000	-930.000
Temperatures °C 12 noon (t-1) 12 midnight	
London 11.0 10.0	
New York 6.0 4.0	
Berlin 11.0 1.0	
Paris 10.0 11.0	
Moscow -3.0 -10.0	
Beijing 3.0 -6.0	
Dubai 33.0 27.0	
Tokyo 3.0 9.0	
Sydney 29.0 23.0	
Houston 9.0 11.0	
New Delhi 23.0 13.0	





Front Month Outrig	ghts					
March Swaps		24-Feb-25	1-Day	Change	7-Day	Change
Crude						
Brent	(\$/bbl)	73.940		-1.750		-0.860
WTI	(\$/bbl)	70.220		-1.840		-0.800
Dubai	(\$/bbl)	74.700		-1.690		-0.370
Distillates						
Gasoil 0.1 NWE	(\$/mt)	699.920	_	-16.580		-5.660
NWE Jet	(\$/mt)	736.420	_	-17.080		-9.410
Singapore 10ppm	(\$/bbl)	90.680		-2.140		-0.900
Sing Kero	(\$/bbl)	89.480		-2.300		-1.270
Gasoline						
RBOB	(c/gal)	226.800		-4.070		-5.460
EBOB	(\$/mt)	703.570	_	-11.610	-:	18.400
Singapore 92	(\$/bbl)	83.760		-1.040		-1.710
Singapore 95	(\$/bbl)	85.700		-1.050		-1.700
Naphtha						
US C5 ENT	(c/gal)	152.570		-2.240		-1.610
NWE Naphtha	(\$/mt)	640.710		-6.680		-8.280
MOPJ Naphtha	(\$/mt)	655.870		-7.690	-:	11.120
Fuel Oil						
3.5% barges	(\$/mt)	447.230		-9.330	-	+1.330
Singapore 380	(\$/mt)	470.730	-	-12.020	-	+2.080
Singapore 180	(\$/mt)	474.790	-	-12.090	-	+1.640
0.5% barges	(\$/mt)	506.350	-	-11.870		-4.000
Singapore 0.5%	(\$/mt)	536.830	-	-13.460	-:	11.300
NGLs						
US Propane LST	(c/gal)	86.972		-0.251		-1.361
NWE Propane	(\$/mt)	542.120		-9.850		-3.090
Saudi Propane CP	(\$/mt)	603.620		-3.350		-1.340
Asian Propane FEI	(\$/mt)	602.120		-4.850		-5.090
US Butane ENT	(c/gal)	101.970		-1.500		-1.980
Saudi Butane CP	(\$/mt)	590.620		-6.310		-4.300





Long Tenor S	Swaps	S						
		Balmo	Mar-25	Apr-25	May-25	Jun-25	Q2-25	Q3-25
Crude		Darmo	1101 25	1101 23	nay 23		<u> </u>	<u> </u>
Brent	(\$/bbl)	74.280	73.940	73.600	73.240	72.860	73.233	72.117
WTI	(\$/bbl)		70.220	70.040	69.770	69.440	69.750	68.643
Dubai	(\$/bbl)	77.000	74.700	74.070	73.420	72.820	73.437	71.877
	(77.000	74.700	74.070	73.420	72.020	73.437	71.077
Distillates	/ Ċ /m+ \	700 250	600 000	600 750	601 000	676 420	600 060	672 027
Gasoil 0.1 NWE	(\$/mt)	709.250			681.000		682.060	
NWE Jet	(\$/mt)	741.000	736.420	734.750	732.500	729.430	732.227	
Singapore 10ppm	(\$/bbl)		90.680	90.110	89.510	88.890	89.503	88.297
Sing Kero	(\$/bbl)	90.430	89.480	88.760	88.260	87.770	88.263	87.497
Gasoline								
RBOB	, , ,			227.230			225.790	
EBOB	(\$/mt)	700.570	703.570		730.320	725.070	729.320	
Singapore 92	(\$/bbl)		83.760	83.110	82.370	81.530	82.337	79.577
Singapore 95	(\$/bbl)	86.950	85.700	85.600	85.260	84.420	85.093	83.317
Naphtha								
US C5 ENT	(c/gal)	153.570	152.570	150.070	148.320	146.820	148.403	144.153
NWE Naphtha	(\$/mt)	651.210	640.710	626.960	618.120	610.870	618.650	600.543
MOP-Japan Naphtha	(\$/mt)	662.370	655.870	645.120	636.620	629.370	637.037	618.953
Fuel Oil								
3.5% barges	(\$/mt)	450.480	447.230	441.730	435.980	428.730	435.480	413.063
Singapore 380	(\$/mt)	479.480	470.730	451.730	445.230	439.230	445.397	424.190
Singapore 180	(\$/mt)	483.290	474.790	459.790	454.540	449.790	454.707	435.750
0.5% barges	(\$/mt)	512.600	506.350	498.100	492.100	488.100	492.767	481.110
Singapore 0.5%	(\$/mt)	540.830	536.830	533.580	530.080	526.330	529.997	518.090
NGLs								
US Propane LST	(c/gal)	89.972	86.972	84.597	82.847	81.972	83.139	81.930
NWE Propane	(\$/mt)	557.120	542.120	524.120	511.120	503.620	512.953	502.953
Saudi Propane CP	(\$/mt)	603.620	603.620	592.620	578.620	563.620	578.287	547.787
Asian Propane FEI	(\$/mt)	610.120	602.120	591.620	581.620	575.620	582.953	573.037
US Butane ENT	(c/gal)	103.590	101.970	98.470	96.470	95.590	96.843	95.843
Saudi Butane CP	(\$/mt)	590.620	590.620	582.120	570.620	554.620	569.120	544.787



Front Month S	preads			
Mar/Apr		24-Feb-25	1-Day Change	7-Day Change
Crude				
Brent	(\$/bbl)	0.340	-0.090	-0.050
WTI	(\$/bbl)	0.180	-0.030	+0.010
Dubai	(\$/bbl)	0.630	-0.100	+0.070
Distillates				
Gasoil 0.1 NWE	(\$/mt)	11.170	-0.910	+0.840
NWE Jet	(\$/mt)	1.670	-1.410	-2.160
Singapore 10ppm	(\$/bbl)	0.570	-0.050	-0.040
Sing Kero	(\$/bbl)	0.720	-0.160	-0.160
Gasoline				
RBOB	(c/gal)	-0.430	+0.030	-0.540
EBOB	(\$/mt)	-29.000	+1.500	-0.750
Singapore 92	(\$/bbl)	0.650	+0.120	-0.050
Singapore 95	(\$/bbl)	0.100	+0.120	-0.050
Naphtha				
US C5 ENT	(c/gal)	2.500	+0.250	+0.000
NWE Naphtha	(\$/mt)	13.750	+2.500	+2.000
MOP-Japan Naphtha	(\$/mt)	10.750	+1.250	-0.250
Fuel Oil				
3.5% barges	(\$/mt)	5.500	+0.250	+2.250
Singapore 380	(\$/mt)	19.000	-0.250	+4.000
Singapore 180	(\$/mt)	15.000	-0.500	+4.000
0.5% barges	(\$/mt)	8.250	+0.250	+1.750
Singapore 0.5%	(\$/mt)	3.250	-0.750	-1.500
NGLs				
US Propane LST	(c/gal)	2.375	-0.375	-1.500
NWE Propane	(\$/mt)	18.000	-3.000	+0.000
Saudi Propane CP	(\$/mt)	11.000	+2.500	+2.000
Asian Propane FEI	(\$/mt)	10.500	+0.500	-1.250
US Butane ENT	(c/gal)	3.500	-0.250	-0.620
Saudi Butane CP	(\$/mt)	8.500	+0.000	-1.500





Front Month Cracks and Diffs			
March	24-Feb-25	1-Day Change	7-Day Change
Brent/Dubai (\$/bbl)	-0.750	-0.050	-0.490
WTI/Brent (\$/bbl)	-3.740	-0.100	+0.050
Distillates			
Gasoil 0.1 NWE crack (\$/bbl)	20.010	-0.440	+0.150
NWE Jet crack (\$/bbl)	19.510	-0.390	-0.300
NWE Jet Diff (\$/mt)	36.500	-0.500	-3.750
Gasoil E/W (\$/bbl)	-24.350	+0.650	-1.050
Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)	-1.200	-0.150	-0.370
Gasoline			
TA Arb (RBOB vs EBOB) (c/gal)	25.700	-0.750	-0.200
EBOB crack (\$/bbl)	10.490	+0.360	-1.350
Singapore 92 crack (\$/bbl)	9.800	+0.710	-0.820
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	-0.700	+0.350	+0.500
European Gasnaph (EBOB vs Naphtha) (\$/bbl)	62.590	-5.190	-10.310
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	41.840	-1.340	-3.070
Naphtha			
US C5 ENT vs WTI Crack (\$/bbl)	-6.130	+0.940	+0.160
NWE Naphtha Crack (\$/bbl)	-1.950	+1.030	-0.030
MOPJ Naphtha Crack (\$/bbl)	-0.240	+0.940	-0.340
Naphtha E/W (NWE vs MOPJ) (\$/mt)	15.250	-0.750	-2.750
Fuel Oil			
3.5% barges crack (\$/bbl)	-3.500	+0.300	+1.120
Singapore 380 crack (\$/bbl)	0.200	-0.130	+1.240
Singapore 180 crack (\$/bbl)	0.830	-0.130	+1.160
Visco (180-380) (\$/mt)	4.000	+0.000	-0.500
HSFO E/W (380 vs 3.5% barges) (\$/mt)	23.500	-2.750	+0.750
0.5% barges crack (\$/bbl)	5.800	-0.100	+0.250
Singapore 0.5% crack (\$/bbl)	10.600	-0.350	-0.900
VLSFO E/W (Sing 0.5% vs 0.5% barges) (\$/mt)	30.480	-1.590	-7.300
European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)	59.060	-2.540	-5.520
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	66.040	-1.370	-13.570
0.5% barges/gasoil (\$/mt)	-193.570	+4.580	+1.460
Sing 0.5% vs Sing 10ppm (\$/mt)	-138.740	+2.390	-4.770
NGLs			
US Propane LST vs NWE Propane (\$/mt)	-89.000	+8.500	-4.000
US Propane LST vs Asian Propane FEI (\$/mt)	-149.000	+3.500	-2.000
Asian Propane FEI vs NWE Propane (\$/mt)	60.000	+5.000	-2.000
Asian Propane FEI vs Saudi Propane CP (\$/mt)	-1.500	-1.500	-3.750
European Pronap (NWE Propane vs NWE Naphtha) (\$/mt)	-98.590	-3.310	+5.010
Asian Pronap (FEI vs MOPJ) (\$/mt)	-52.340	+3.940	+9.690





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Long Tenor Cracks / Diffs							
	Dalma	Maria 05	3 · · · · OF	M 05	T 0F	00.05	02.05
	Balmo	Mar-25	Apr-25	May-25	Jun-25	Q2-25	Q3-25
Crude	0.010	0. 550	0 450	0 100	0.040	0.000	0.000
Brent/Dubai (\$/bbl)	-2.810						
WTI/Brent (\$/bbl)	-4.030	-3.740	-3.570	-3.480	-3.430	-3.493	-3.490
Distillates		00.01	40.05	40.40	4= 0=	10.01	10.01
Gasoil 0.1 NWE crack (\$/bbl)	20.93						
NWE Jet crack (\$/bbl)	19.77						
NWE Jet Diff (\$/mt)	31.75					50.17	
Gasoil E/W (\$/bbl)	-31.45						
Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)	-0.55	-1.20	-1.35	-1.25	-1.12	-1.24	-0.80
Gasoline							
TA Arb (RBOB vs EBOB) (c/gal)	2.730						
EBOB crack (\$/bbl)	9.810						
Singapore 92 crack (\$/bbl)	10.130						
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	0.310						
European Gasnaph (EBOB vs Naphtha) (\$/mt)							
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	40.760	41.840	47.180	49.520	49.770	48.823	43.910
Naphtha							
US C5 ENT vs WTI Crack (\$/bbl)	-5.760						
NWE Naphtha Crack (\$/bbl)	-1.110						
MOPJ Naphtha Crack (\$/bbl)	0.150						
Naphtha E/W (NWE vs MOPJ) (\$/mt)	11.250	15.250	18.250	18.500	18.500	18.417	18.500
Fuel Oil							
3.5% bgs crack (\$/bbl)	-3.330						
Singapore 380 crack (\$/bbl)	1.240						
Singapore 180 crack (\$/bbl)	1.830				-2.020	-1.620	
Visco (180-380) (\$/mt)	3.750						
HSFO E/W (380 vs 3.5% bgs) (\$/mt)	29.000						
0.5% bgs crack (\$/bbl)	6.440				4.020	4.377	
Singapore 0.5% crack (\$/bbl)	10.890	10.600	10.440		10.040	10.240	9.477
VLSFO E/W (Sing 0.5% vs 0.5% bgs) (\$/mt)						37.230	
European Hi5 (0.5% bgs vs 3.5% bgs) (\$/mt							
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	61.290						93.840
0.5% bgs/gasoil (\$/mt)				-188.840			
Sing 0.5% vs Sing 10ppm (\$/mt)	-136.970	-138.740	-137.740	-136.630	-135.840	-136.737	-139.680
NGLs	00.0=				.		
US Propane LST vs NWE Propane (\$/mt)	-88.37					-79.803	
US Propane LST vs Asian Propane FEI (\$/mt						-149.803	
Asian Propane FEI vs NWE Propane (\$/mt)	53	60	67.5		72	70	70.083
Asian Propane FEI vs Saudi Propane CP (\$,		-1.5			12	4.667	
European Pronap (\$/mt)	-94.27						
Asian Pronap (FEI vs MOPJ) (\$/mt)	-58.88	-52.34	-52.59	-58.09	-65.84	-58.84	-71.257





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Inter-month Crack Spreads			
Mar/Apr	24-Feb-25	1-Day Change	7-Day Change
Crude			
Brent/Dubai (\$/bbl)	-0.280	+0.010	-0.110
WTI/Brent (\$/bbl)	-0.170	+0.050	+0.040
Distillates			
Gasoil 0.1 NWE crack (\$/bbl)	1.160	-0.030	+0.210
NWE Jet crack (\$/bbl)	-0.120	-0.080	-0.180
NWE Jet Diff (\$/mt)	-9.500		-3.000
Gasoil E/W (\$/bbl)	-6.750	+0.520	-1.280
Regrade (Sing Kero vs Sing 10ppm) (\$/bbl)	0.150	-0.110	-0.120
Gasoline			
TA Arb (RBOB vs EBOB)(c/gal)	7.870	-0.400	-0.310
EBOB crack (\$/bbl)	-3.860	+0.250	-0.090
Singapore 92 crack (\$/bbl)	0.280	+0.180	-0.030
Gasoline E/W (Sing 92 vs EBOB) (\$/bbl)	4.130	-0.070	+0.040
European Gasnaph (EBOB vs Naphtha) (\$/mt)	-42.750	-1.000	-2.750
Asian Gasnaph (Sing 92 vs MOPJ) (\$/bbl)	-5.340	-0.250	-0.170
Naphtha			
US C5 ENT vs WTI Crack (\$/bbl)	0.870	+0.140	+0.000
NWE Naphtha Crack (\$/bbl)	1.190	+0.360	+0.260
MOPJ Naphtha Crack (\$/bbl)	0.850	+0.210	+0.010
Naphtha E/W (NWE vs MOPJ) (\$/mt)	-3.000	-1.250	-2.250
Fuel Oil			
3.5% barges crack (\$/bbl)	0.520	+0.120	+0.400
Singapore 380 crack (\$/bbl)	2.640	+0.040	+0.670
Singapore 180 crack (\$/bbl)	2.010	+0.000	+0.670
Visco (180-380) (\$/mt)	-4.000	-0.250	+0.000
HSFO E/W (380 vs 3.5% barges) (\$/mt)	13.500	-0.500	+1.750
0.5% barges crack (\$/bbl)	0.950	+0.120	+0.320
Singapore 0.5% crack (\$/bbl)	0.160	-0.050	-0.200
VLSFO E/W (Sing 0.5% vs 0.5% barges) (\$/mt)	-5.000	-1.000	-3.250
European Hi5 (0.5% barges vs 3.5% barges) (\$/mt)	2.750		-0.500
Asian Hi5 (Sing 0.5% vs 380) (\$/mt)	-15.750	-0.500	-5.500
0.5% barges/gasoil (\$/mt)	-2.920	+1.080	+0.660
Sing 0.5% vs Sing 10ppm (\$/mt)	-1.000	-0.380	-1.210
NGLs			
US Propane LST vs NWE Propane (\$/mt)	-5.630	+1.040	-7.820
US Propane LST vs Asian Propane FEI (\$/mt)	1.870	-2.460	-6.570
Asian Propane FEI vs NWE Propane (\$/mt)	-7.500	+3.500	-1.250
Asian Propane FEI vs Saudi Propane CP (\$/mt)	-0.500	-2.000	-3.250
European Pronap (NWE Propane vs NWE Naphtha) (\$/mt)	4.290	-5.460	-2.090

