

Fearnleys Weekly Report

| Activity | level | | | | | |
|---|------------|------------------------------------|--|---|------------------|------------------|
| VLCC | Suezma | x Afran | nax P. | .E. of Suez | P.W. | of Suez |
| Soft | Slower | Firr | n | - | | - |
| | | | | Last | | ev.week |
| VLCCs fi | xed all ar | eas last w | eek: | | 55 | 64 |
| VLCCs av | vail. in M | EG next 30 | days: | | 125 | 116 |
| Rates | | | | | | |
| DIRTY (Sp | | | his week | Last week | Low 2018 | High 2018 |
| MEG / We | | VLCC | 37.00 | 43.50 | 16.00 | 43.50 |
| MEG / Jap | | VLCC | 86.00 | 95.00 | 35.00 | 100.0 |
| MEG / Sing | | VLCC | 87.00 | 96.00 | 35.50 | 100.0 |
| WAF / FEA WAF / USA | | 260,000 130,000 | 84.00 100.0 | 97.50 115.0 | 37.50 50.00 | 97.50 132.5 |
| Sidi Kerir / | | 135,000 | 137.5 | 145.0 | 55.00 | 170.0 |
| N. Afr / Eu | | 80,000 | 205.0 | 190.0 | 75.00 | 205.0 |
| UK / Cont | | 80,000 | 205.0 | 165.0 | 90.00 | 205.0 |
| Caribs / US | SG . | 70,000 | 200.0 | 115.0 | 80.00 | 260.0 |
| CLEAN (S | pot WS) | Т | his week | Last week | Low 2018 | High 2018 |
| MEG / Jap | an | 75,000 | 0.00 | 0.00 | 80.00 | 120.0 |
| MEG / Jap | an | 55,000 | 0.00 | 0.00 | 90.00 | 127.5 |
| MEG / Jap | an | 30,000 | 0.00 | 0.00 | 110.0 | 150.0 |
| Singapore | / Japan | 30,000 | 0.00 | 0.00 | 120.0 | 150.0 |
| Baltic T/A | | 60,000 | 0.00 | 0.00 | 75.00 | 145.0 |
| UKC-Med | | 37,000 | 0.00 | 0.00 | 100.0 | 165.0 |
| USG / UKO | | 38,000 | 0.00 | 0.00 | 67.00 | 135.0 |
| | (usd/day) | (theoretical) | | Last week | Low 2018 | High 2018 |
| VLCC | | (modern) | 34 000 | | 21 000 | 34 000 |
| Suezmax Aframax | | (modern) | 24 500 | | 15 000 | 24 500 |
| Arramax LR2 | | (modern) 105,000 | 18 000 | | 13 500 14 250 | 18 000 15 500 |
| LR2 LR1 | | 80,000 | 0.00 | | 13 000 | 13 750 |
| MR | | 47,000 | 0.00 | | 13 000 | 14 000 |
| | | | T/C, Crude | | | |
| 55000 - 50000 - 45000 - 35000 - 25000 - 20000 - 15000 - 10000 - 10000 - 10000 - 10000 - 10000 - 10000 - 10000 - 10000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 1000000 - 100000 - 100000 - 100000 - 100000 - 100000 - 100000 - 10000000 - 1000000 - 1000000 - 1000000 - 1000000 - 1000000 - 100000000 | | | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | Jana Jana Jana Jana Jana Jana Jana Jana | | |
| 12 | .2013 | 12.2014 | 12.2015 | 12.2016 | 12.2017 | 12.2018 |
| | V | LCC | Suezma | Afra | max | |
| | | 1-Year | T/C, Clean | (USD/Day) | | |
| 30000 - 28000 - 26000 - 24000 - 22000 - 20000 - 18000 - 14000 - 12000 - | | - - - - | | M. M. | V— | |
| 12 | .2013 | 12.2014 | 12.2015 | 12.2016 | 12.2017 | 12.2018 |
| | | ■ LR2 | LR1 | ■ MR | | |
| | | | | | | |

TANKERS

Crude

As the 2018 cargo program is drawing to a close VLCC rates have been slipping, shedding some 10 WS points from the beginning of the week. Fears that announced production cutbacks will have a negative effect come January have prompted owners to try and lock in longer voyages, and have thus been willing to shed a point or two off last done levels to succeed. However, softening bunker prices have given some reprieve, and as a result TCE earnings remain comparatively strong. On a positive note the western hemisphere continue to attract tonnage, and with the usual winter weather issues we not expect a dramatic rate drop short term. The Suezmaxes have seen some of the recent gains eroded as the fixing volume has slowed down in the west. TD20 returns are still respectable at close to USD 25 k per day but we are close to seeing double digits again as the ws 100 levels looks likely to be broken. TD6 has held ground with tce above 50 k per day, this has been assisted by the increased weather delays but volumes of fixing have been thin. The CPC programme is now out for January so we should see more action in the coming week. Aframaxes in the North Sea and Baltic enjoyed even stronger rates this week compared to last. This firm sentiment will continue into next week as the tonnage list is tight for any cargoes loading in the 18-23 window in the North Sea and for 25-31 December window in the Baltic. Aframaxes in the Mediterranean and Black Sea have enjoyed a firming market over the last week. Turkish Straits delays has put further upward pressure on freight levels, as charterers have had to book quite forward for any Black Sea Stems. Black Sea currently being worked 1st decade January 2019 with last done levels at the time of writing standing at ws215. Cross Mediterranean barrels trading about ws10 points less. With a tightening Aframax tonnage list and Suezmaxes softening, we have seen charterers looking to slightly bigger tonnage if and when they can to try and take some steam of a firming Aframax segment.



Fearnleys Weekly Report

| Activity level | | | | | | | |
|--------------------------------|-----------|-----------|----------|-----------|--|--|--|
| Capesize | Panamax | | Supramax | | | | |
| Slow | Moderate | Mixed | | | | | |
| Rates | This week | Last week | Low 2018 | High 2018 | | | |
| CAPESIZE (usd/day, usd/tonn | e) | | | | | | |
| TCT Cont/Far East (180' dwt) | 29 600 | 27 700 | 18 000 | 44 000 | | | |
| Tubarao / R.dam (Iron ore) | 8.80 | 8.12 | 5.30 | 11.5 | | | |
| Richards Bay/R.dam | 8.80 | 8.14 | 5.40 | 12.3 | | | |
| PANAMAX (usd/day, usd/tonn | e) | | | | | | |
| Transatlantic RV | 13 200 | 13 600 | 7 100 | 16 00 | | | |
| TCT Cont / F. East | 19 700 | 20 000 | 15 000 | 23 00 | | | |
| TCT F. East / Cont | 4 000 | 3 950 | 3 900 | 5 20 | | | |
| TCT F. East RV | 9 400 | 9 400 | 8 300 | 13 75 | | | |
| Murmansk b.13-ARA 15/25,000 sc | 8.10 | 8.35 | 6.40 | 9.7 | | | |
| SUPRAMAX (usd/day) | | | | | | | |
| Atlantic RV | 15 800 | 15 600 | 11 000 | 16 00 | | | |
| Pacific RV | 8 000 | 7 500 | 7 500 | 12 50 | | | |
| TCT Cont / F. East | 18 000 | 17 000 | 16 000 | 20 50 | | | |
| 1 YEAR T/C (usd/day) | | | | | | | |
| Capesize 180,000 dwt | 15 500 | 17 000 | 15 000 | 22 00 | | | |
| Capesize 170,000 dwt | 15 000 | 15 500 | 14 000 | 19 25 | | | |
| Panamax 75,000 dwt | 11 750 | 12 000 | 11 250 | 14 00 | | | |
| Supramax 58,000 dwt | 11 750 | 11 750 | 10 000 | 13 00 | | | |
| Baltic Dry Index (BDI): | 1353 | 1296 | n/a | n/ | | | |



| Activity level | | | | |
|----------------------------|-----------|-----------|--------------|--------------|
| COASTER | 15-23,000 | cbm | 82,000 |) cbm |
| Firm | Stable | | Increa | asing |
| LPG Rates | | * E | xcl. waiting | time, if any |
| SPOT MARKET (usd/month)* | This week | Last week | Low 2018 | High 2018 |
| VLGC / 84,000 | 640 000 | 710 000 | 105 000 | 915 000 |
| LGC / 60,000 | 550 000 | 600 000 | 375 000 | 650 000 |
| MGC / 38,000 | 570 000 | 565 000 | 430 000 | 570 000 |
| HDY SR / 20-22,000 | 500 000 | 500 000 | 395 000 | 500 000 |
| HDY ETH / 17-22,000 | 750 000 | 750 000 | 700 000 | 770 000 |
| ETH / 8-12,000 | 47 000 | 470 000 | 47 000 | 480 000 |
| SR / 6,500 | 550 000 | 550 000 | 370 000 | 550 000 |
| COASTER Asia | 275 000 | 275 000 | 250 000 | 320 000 |
| COASTER Europe | 550 000 | 550 000 | 280 000 | 550 000 |
| LPG/FOB prices (usd/tonne) | | Propan | e Butar | ne ISO |
| FOB North Sea / ANSI | | 391. | 5 353. | .0 |
| Saudi Arabia / CP | | 445. | 0 415. | .0 |
| MT Belvieu (US Gulf) | | 356. | 0 357. | .0 384.0 |
| Sonatrach : Bethioua | | 385. | 0 375. | .0 |
| LNG | | | | |
| SPOT MARKET (usd/day) | This week | Last week | Low 2018 | High 2018 |
| East of Suez 155-165'cbm | 130 000 | 160 000 | 35 000 | 195 000 |
| West of Suez 155-165'cbm | 130 000 | 160 000 | 44 000 | 175 000 |

95 000 105 000 52 000 110 000

1 yr TC 155-165'cbm

DRY BULK

Capesize

The market has recovered slightly from the disappointing lows of a few weeks ago when the index was in the low 8000s. Now we are at high 16,000s but the near term outlook remains uncertain. Surprisingly, China's iron ore import growth is set to end negative compared to last year in spite of strong growth in steel production. FFA cal 19 is currently priced at 15,300 USD p/d which marks a decrease from this year's market average of low 16,000s USD p/d, reflecting the uncertainty created by the Q4 disappointment. Just a few months ago Cal19 was priced at well over 20,000 USD p/d.

Panamax

A less volatile week with only small changes in the rates. Short fronthauls from the continent fell to around mid USD 19,000's, while a transatlantic round voyage currently pays around the low USD 13,000's. East Coast South America has remained quite active throughout the week. In the Pacific basin, a transpacific round voyage yields about low USD 9,000, and a backhaul from China to Skaw/Passero pays around USD 4000. The BPI 4TC-index is down 27 points to 1445.

Supramax

Still positive demand from USG, where trip to Med covered at low USD 20k and coal run to Far East could pay usd 27-28k. Cont has been fairly balanced. Supras have been fixing low USD 20k for Cont to India. Similar levels for steel runs from B.Sea to India. Usual scrap runs from Cont to Med were covered at USD13k. Trip from Med via B.Sea Far East now paying abt USD 23-24k. More fresh orders appearing in Pacific, especially from Nopac. Nopac rv fixing mid USD 8k levels. Backhaul from Spore to Cont was fixed around USD 7k. An Ultra was employed for a trip via Indo to WCI at mid USD 10k. An iron ore run from Bdesh to China covered at USD 8k. Smaller Supra from MEG to WCI was trading around USD 13k with fertilizers.

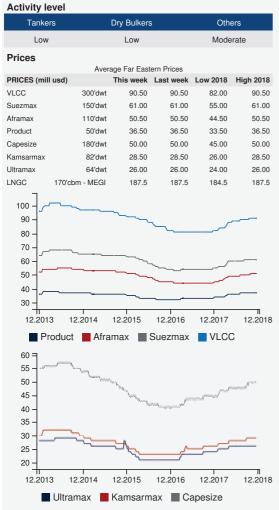
GAS

Chartering

The VLGC market in the west really had a boost in activity this week, as Charterers seems to utilize the window of opportunity between a couple of weeks of festivities and before the actual holidays starts. Several cargoes were floated on the market, both for end of December and as well as January loading, and they were all snapped up rather quickly, more or less eliminating the expected overhang of vessels from December to January. Most recent deals have been concluded at rates in the mid/high-60s per ton for the bench-mark route from Houston to Japan via the Panama Canal. Such levels represent a Time charter Equivalent (T/C/E) rate around 23-24,000 per day, establishing the current "west premium" at around 6-7% for the transpacific route. For the Transatlantic market, rates are fixed at around 10-12% premium to the Baltic. In the market East of Suez the downward spiral on the Baltic seemed to have stopped and stabilized itself at a level in the mid-30s for Ras Tanura to Japan. Such level represent a time charter equivalent of around USD 20,000 per day. The average for the year seem to end up at level around 18-19,000 per day.



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Market brief

| | | This week | Last week | Low 2018 | High 2018 |
|-------------------|----------|-----------|-----------|----------|-----------|
| Rate of exc | hange | | | | |
| USD/JPY | | 113.0 | 113.0 | 105.8 | 114.1 |
| USD/KRW | | 1 126 | 1 114 | 1 061 | 1 140 |
| USD/NOK | | 8.56 | 8.52 | 7.68 | 8.60 |
| EUR/USD | | 1.14 | 1.13 | 1.13 | 1.25 |
| | | | | | |
| Interest rate | е | | | | |
| LIBOR USD | 6 mnths | 2.88 | 2.90 | 1.84 | 2.90 |
| NIBOR NOK 6 mnths | | 1.42 | 1.36 | 0.89 | 1.42 |
| | | | | | |
| Commodity | prices | | | | |
| Brent spot (| USD) | 60.90 | 61.92 | 59.80 | 85.20 |
| | | | | | |
| Bunker price | ces | | | | |
| Singapore | 380 CST | 400.0 | 413.0 | 360.0 | 524.0 |
| | 180 CST | 432.0 | 418.0 | | 556.0 |
| | Gasoil | 550.0 | 565.0 | 550.0 | 760.0 |
| Rotterdam | 380 HSFO | 360.0 | 382.0 | | 486.0 |
| | 180 CST | 385.0 | 406.0 | | 511.0 |
| | Diesel | 534.0 | 550.0 | 527.0 | 708.0 |
| | | | | | |

NEWBUILDING

Last week's rumours regarding LNG orders materialized this week. With a total of eight firm orders for large LNGCs distributed among the three major Korean yards. NYK booked five firm, three at Hyundai Samho on the back of a TC to Diamond Gas, and two at Samsung on the back of a TC to Total. All five NYK vessels are reported to include XDF propulsion.

NEWBUILDING CONTRACTS

| Туре | No | Size | Yard | Buyer | Del | Price | Comm |
|------|----|-------------|------------|----------------------|-------------|--------------|-------------------|
| LNGC | 1 | 30,000 cbm | Hyundai | Knutsen OAS | 2020 | | + 1 option |
| LNGC | 1 | 174,000 cbm | DSME | Maran Gas | 2021 | | |
| LNGC | 2 | 174,000 cbm | DSME | BW Gas | 2021 | \$ 185 m | + 4 options |
| LNGC | 2 | 174,000 cbm | Samsung HI | NYK | 2021 | | XDF / TC to Total |
| LNGC | 3 | 174,000 cbm | Hyundai | NYK | 2020 / 2021 | | TC to Diamond Gas |
| TANK | 2 | 114,000 dwt | COSCO | FSL Trust Management | 2020 / 2021 | abt. \$ 59 m | LR2 |

SALE AND PURCHASE TRANSACTIONS

| Туре | Vessel | Size | Built | Buyer | Price | Comm. |
|---------|------------------|---------|-------|-----------------|-------|-------|
| . , - | | 0.20 | | , | | |
| MT | Singapore River | 115 126 | 2009 | Greek | 23,30 | |
| MT | Nordic Ruth | 35 820 | 2000 | Undisclosed | 5,50 | |
| BC | Frontier Coronet | 182 674 | 2011 | Unisea Shipping | 29,00 | |
| BC | Amorito | 179 322 | 2012 | Hyundai glovis | 33,00 | |
| BC | Veronique D | 58 000 | 2012 | Grrek | 16,00 | |
| BC | Mercury Ocean | 53 452 | 2008 | greek | 11,30 | |
| BC | Jin Quan | 51 104 | 2002 | Chinese | 6,90 | |
| | | | | | | |

DEMOLITIONS

| Sold for demolition | | | | | |
|---------------------|---------|--------|-------|-------------|-------|
| Vessel name | Size | Ldt | Built | Buyer | Price |
| OFFSH Belokamenka | 360 700 | 52 285 | 1980 | Indian | 409 |
| GAS Tenaga Lima | 72 083 | 29 492 | 1981 | Bangladeshi | 453 |
| MV Hinyo Brilliance | 172 964 | 21 198 | 2001 | Undisclosed | 440 |
| RORO Van Cherry | 12 249 | 16 042 | 1994 | Bangladeshi | 482 |
| CONT Kota Jelita | 22 420 | 7 426 | 1997 | Bangladeshi | 475 |
| CONT Paul Abrao | 22 026 | 7 393 | 1996 | Bangladeshi | 460 |
| GAS Gas Puffin | 9 466 | 4 426 | 1991 | Indian | 505 |