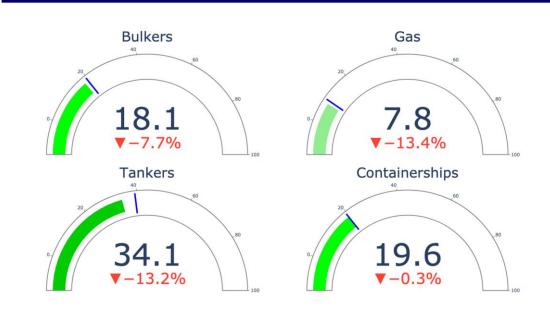


Center of Excellence in Logistics, Shipping, and Transportation (CoELST)



SENTIMENT ANALYSIS

Methods and Data:

The sentiment measure per shipping segment is constructed by the sum product of the frequency of each keyword during the past 2 weeks with its weight for fourteen keywords with positive market sentiment connotation, minus the sum product of the frequency of each keyword during the past 2 weeks with its weight for fourteen keywords with negative market sentiment connotation. A proprietary search algorithm software is used to calculate the frequencies of the selected keywords from articles in TradeWinds per shipping segment.

Reference: Gavriilidis T., Merikas A., Merika A. and Sigalas C. (2023). Development of a sentiment measure for dry bulk shipping. Maritime Policy and Management, 50(1): 58-80. https://doi.org/10.1080/03088839.2021.1959076

| Company | | 5/7/24 1 | 19/7/24 ¹ |
|----------------------------|----|----------|----------------------|
| CAPITAL PRODUCT TANKERS | * | 0,634x | 0,596x 🔻 |
| CASTOR MARITIME | * | 0,076x | 0,072x 🔫 |
| COSTAMARE | * | 0,542x | 0,452x 🔻 |
| C3IS | * | 0,113x | 0,120x 🔺 |
| DANAOS | * | 0,478x | 0,423x 🔻 |
| DHT HOLDINGS | * | 0,908x | 0,889x 🔻 |
| DIANA SHIPPING | * | 0,475x | 0,463x 🔻 |
| EURODRY | * | 0,443x | 0,437x 🔻 |
| EUROSEAS | * | 0,510x | 0,460x 🔻 |
| FRONTLINE | * | 1,229x | 1,135x 🔻 |
| GENCO SHIPPING & TRADING | * | 0,781x | 0,729x 🔻 |
| GLOBAL SHIP LEASE | * | 0,544x | 0,426x 🔻 |
| GLOBUS MARITIME | * | 0,210x | 0,205x 🔻 |
| GOLDEN OCEAN | * | 0,999x | 0,932x 🔻 |
| GRINDROD SHIPPING HOLDINGS | ** | 0,544x | 0,458x 🔻 |

Legend:

1 Market Value data as of before market open

- Balance Sheet data as of March 31, 2024
- Balance Sheet data as of December 31, 2023
- Methods and Data:

The market capitalization (P) is calculated as total shares outstanding multiplied by the share price. Net Asset Value (NAV) is calculated as total assets minus net book value of vessels plus total market value of vessels minus total liabilities. The total shares outstanding, share price are extracted from Bloomberg database. The total assets, net book value of vessels and total liabilities areextracted from U.S. Securities and Exchange Commission archive financial data. The total market value of vessels is extracted from VesselsValue database.

Reference: Andrikopoulos A., Merika A. and Sigalas C. (2022). Net Asset Value discounts and premiums in maritime shipping industry. European Financial Management, 28(2): 510-544. https://doi.org/10.1111/eufm.12313

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P/NAV ANALYSIS

| Company | | 5/7/24 ¹ | 19/7/24 ¹ | |
|----------------------------|----|---------------------|----------------------|--|
| HIMALAYA SHIPPING | * | 1,006x | 0,881x 🔻 | |
| IMPERIAL PETROLEUM | * | 0,279x | 0,287x 🔺 | |
| INTERNATIONAL SEAWAYS | * | 0,848x | 0,761x 🔻 | |
| NAVIOS MARITIME PARTNERS | * | 0,425x | 0,391x 🔻 | |
| OCEANPAL | * | 0,146x | 0,158x 🔺 | |
| OKEANIS ECO TANKERS | * | 1,136x | 1,046x 🔻 | |
| PERFORMANCE SHIPPING | * | 0,063x | 0,063x 🔻 | |
| PYXIS TANKERS | * | 0,376x | 0,372x 🔻 | |
| SAFE BULKERS | * | 0,594x | 0,540x 🔻 | |
| SEANERGY MARITIME HOLDINGS | * | 0,591x | 0,511x 🔻 | |
| STAR BULK CARRIERS | | 0,844x | 0,811x 🔻 | |
| TOP SHIPS | * | 0,095x | 0,092x 🔻 | |
| TORO | * | 0,327x | 0,311x 🔻 | |
| TSAKOS ENERGY NAVIGATION | ** | 0,290x | 0,281x 🔻 | |
| UNITED MARITIME | * | 0,269x | 0,269x 🔻 | |



Center of Excellence in Logistics, Shipping, and Transportation (CoELST)

TRADE WORKING CAPITAL ANALYSIS

| Company | Previous Quarter | Latest Quarter | |
|----------------------------|---------------------|-------------------|---|
| CAPITAL PRODUCT TANKERS | -1,5% ** | 1,7% * | • |
| CASTOR MARITIME | 19,4% ** | 18,8% * | ► |
| COSTAMARE | 3,7% ** | 3,7% * | ▶ |
| C3IS | -30,0% ** | -31,9% * | ► |
| DANAOS | 2,3% ** | 3,0% * | ▶ |
| DHT HOLDINGS | 6,7% ** | 7,1% * | ▶ |
| DIANA SHIPPING | -1,9% ***** | 0,4% ** | ▶ |
| EURODRY | 2,5% ** | 2,0% * | |
| EUROSEAS | -3,1% ** | -2,9% * | ▶ |
| FRONTLINE | 4,7% ** | 5,9% * | ▶ |
| GENCO SHIPPING & TRADING | 6,8% ** | 5,4% * | ▶ |
| GLOBAL SHIP LEASE | 0,0% ** | 0,3% * | ▶ |
| GLOBUS MARITIME | -1,2% ***** | 0,9% ** | ▶ |
| GOLDEN OCEAN | 1,9% ** | 1,5% * | ► |
| GRINDROD SHIPPING HOLDINGS | 3,0% *** | 0,7% ** | ► |

| Company | Previous Quarter | | Latest Quarter | | |
|----------------------------|------------------|------|-------------------|----|---|
| HIMALAYA SHIPPING | 0,3% | ** | -0,3% | * | |
| IMPERIAL PETROLEUM | 11,8% | ** | 12,3% | * | |
| INTERNATIONAL SEAWAYS INC | 11,1% | ** | 12,1% | * | |
| NAVIOS MARITIME PARTNERS | -2,6% | ** | -2,0% | * | |
| OCEANPAL | 2,7% | **** | 3,1% | ** | |
| OKEANIS ECO TANKERS | 5,2% | ** | 3,0% | * | |
| PERFORMANCE SHIPPING | 1,9% | **** | 1,6% | ** | |
| PYXIS TANKERS | 1,1% | ** | 1,6% | * | |
| SAFE BULKERS | 1,9% | ** | 0,2% | * | |
| SEANERGY MARITIME HOLDINGS | -1,9% | *** | -2,1% | ** | |
| STAR BULK CARRIERS | 2,6% | ** | 2,1% | * | |
| TOP SHIPS | -2,3% | **** | -3,7% | ** | |
| TORO | 1,1% | ** | 0,2% | * | |
| TSAKOS ENERGY NAVIGATION | -3,5% | **** | 0,6% | ** | |
| UNITED MARITIME | 7,6% | **** | -4,4% | ** | • |

Legend:

- * Balance Sheet data as of March 31, 2024
- ** Balance Sheet data as of December 31, 2023
- *** Balance Sheet data as of September 30, 2023
- **** Balance Sheet data as of June 30, 2023
- ***** Balance Sheet data as of December 31, 2022

Methods and Data:

The Trade Working Capital (TWC) is calculated as Current assets minus total cash minus current liabilities plus current debt, over total assets. TWC > 0 indicates Trade Debit whereas TWC < 0 implies Trade Credit. Current assets, total cash, current liabilities, current debt, and total assets are extracted from U.S. Securities and Exchange Commission archive financial data.

Reference: Mantzari E., Merika A. and Sigalas C. (2023). Determinants and effects of trade credit financing: Evidence from the maritime shipping industry. European Financial Management, <u>https://doi.org/10.1111/eufm.12448</u>

Disclaimer:

The Sentiment and P/NAV analyses are for informational purposes only, you should not construe any such information or other material as investment, financial, or other advice.