**Nordic American Tankers Ltd. (NAT)**

**1) Business Description:** Nordic American Tankers Ltd. (NAT) is a shipping company founded in September 1995 and based in Hamilton, Bermuda(nat.bm). And the company specializes in the ownership and operation of Suezmax crude oil tankers and NAT primarily focuses on the transportation of crude oil. The company owns and operates a fleet of Suezmax tankers, which are vessels designed to carry large quantities of crude oil. NAT's primary business model involves transporting crude oil for energy companies and traders, generating revenue through time charter arrangements (NAT Report, 2022, p-27). Also In 2023, the market capitalization of Nordic American Tankers Limited Common Stock stands at an impressive $845,640,000, reflecting the company's significant value in the financial markets (nasdaq, 2023).

**2) Sector Overview:** Nordic American Tankers Ltd (NAT) operates in the highly competitive shipping industry, with a primary focus on crude oil transportation. The company specializes in the efficient and safe transport of crude oil across international waters. NAT's strategic positioning and fleet management have made it a prominent player in this sector (NAT Report, 2022, p-34,39,40). In addition to its own strengths, NAT faces competition from other established players in the industry. Key competitors include Frontline Ltd. (FRO) and Scorpio Tankers Inc. (STNG). These companies, like NAT, operate fleets of tankers and play a significant role in the global oil transportation market.

**3) Price Action Analysis:** In 2019 as the sharp decline in oil demand caused by the COVID-19 pandemic, which resulted in decreased shipping rates and earnings for tanker companies. This process influenced Stock Prices (APEC Energy Working Group). Also, the stock price of the company was influenced by various factors, including OPEC+ production agreements, geopolitical tensions, and movements in oil prices. After Post-COVID following the decline in oil demand due to the pandemic, there was a notable increase in oil demand, which positively impacted both shipping rates and company earnings (Reuters,2023).

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**Table:1**

In the table presented above, two noteworthy events have unfolded. Firstly, in the event of a stock market decline at the commencement of 2023, stock prices tend to experience pauses on New Year and public holidays. Secondly, a significant important event was observed in March 2023, marked by the attainment of the highest stock market levels. Amidst apprehensions surrounding the stability of the banking system, the global equities market managed to achieve a notable 3.1% upswing during March (denominated in USD). Interestingly, in stark contrast, the MSCI World Banks Index witnessed a substantial decline of 12.2% during the same period. Simultaneously, global government bonds showed resilience, experiencing a robust rally of 3.7% in USD, without any hedging considerations (rothschildandco,2023).

**4) Future Catalysts**: Looking ahead, I believe NAT shares will continue to be impacted by oil market dynamics, OPEC decisions, and the global economic recovery. Because winter is approaching and the need for oil will increase, which will therefore increase the impact on stocks. One of the important events in the next 6 months may be a significant change in oil demand due to economic growth or geopolitical developments. For example, according to the EIA (Energy Information Administration), our oil and gas exports will increase by the begning of 2023. A remarkable event for the stock market (Eia, 2023)A graph showing a line

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**Table:2**

Table 2 illustrates us The Model (used LSTM) which shows the prediction of NAT Close value and we can predict the next months' data with our input data.

**Source**

https://www.nat.bm/overview/

https://www.annualreports.com/HostedData/AnnualReports/PDF/NYSE\_NAT\_2022.pdf

<https://www.nasdaq.com/market-activity/stocks/nat>

<https://www.marketwatch.com/investing/stock/nat>

https://www.reuters.com/business/energy/opec-meets-debate-production-quotas-new-cut-sources-2023-06-04/

https://aperc.or.jp/file/2022/5/26/OGSS+Report+%252318\_The+impact+of+COVID-19+on+oil+and+gas+security.pdf

https://www.rothschildandco.com/en/newsroom/insights/2023/04/wm-monthly-market-summary-march-2023/#:~:text=Despite%20concerns%20over%20the%20banking,(USD%2C%20unhedged%20terms).

https://www.eia.gov/energyexplained/oil-and-petroleum-products/imports-and-exports.php

https://finance.yahoo.com/quote/NAT/history?p=NAT