

July 20, 2021

Kawasaki Kisen Kaisha, Ltd.

Signing of a Long-term Consecutive Voyage Charter  
for a LNG-fueled Capesize Bulk Carrier with JFE Steel Corporation

Kawasaki Kisen Kaisha, Ltd. (“K” LINE) has signed a long-term consecutive voyage charter with JFE Steel Corporation regarding the upcoming new built capesize bulk carrier (210,000 DWT) fueled by liquified natural gas (LNG)

The construction of our first LNG-fueled bulk carrier will be ordered to NIHON SHIPYARD CO., LTD. and the vessel is scheduled to be delivered in 1<sup>st</sup> half of 2024.

The vessel is called a “next-generation vessel” coping with environmental issues. It will reduce the emissions of CO<sub>2</sub>, by 25 to 30 %, SO<sub>x</sub> by almost 100%, and NO<sub>x</sub> by around 85% with the use of LNG instead of conventional heavy fuel oil. Moreover, the vessel reaches more 40% of CO<sub>2</sub> emission reduction in the Energy Efficiency Design Index (EEDI) which fully aligns with the reduction target of the International Maritime Organization (IMO). \*1 “K” LINE will also install “Seawing”<sup>\*2</sup>, an automated kite system utilizing wind power supplied by Airseas, to increase the effects of decarbonization.

“K” LINE has been promoting a corporate policy of “sustainable management” in terms of environment, society, and economy to satisfy global needs concerning climate change and SDGs continuously now and future. The introduction of the next-generation vessel is one of the projects within this sustainable management approach. It will be a significant step for us to stimulate the well-being of society as an integrated logistics company.

With “K” LINE Environmental Vision 2050<sup>\*3</sup>, “K” LINE will flexibly and proactively listen to customer demands including environmental issues and find the best solution to contribute to the sustainable development of the society.

<Outline of the Vessel>

Dimension :

approx. LOA 299.99 meters x Breadth 50.00 meters x Depth 25.00 meters x Draft 18.40meters

D/W : approx.210,000 tons

G/T : approx.110,800

(\*1) EEDI and Regulations of SO<sub>x</sub> and NO<sub>x</sub>

<https://www.kline.co.jp/en/csr/environment/regulation.html>

(\*2) June 7, 2019 release:

Installation of “Seawing”, an automated kite system utilizing natural energy.

<https://www.kline.co.jp/en/news/csr/csr7510328279625406497/main/0/link/190607EN%20.pdf>

(\*3) "K" LINE Environmental Vision 2050 "Blue Seas For the Future"

<https://www.kline.co.jp/en/csr/environment/management.html#002>

< Image of cape size bulk carrier fueled by liquified natural gas >

(From stern)

