

December 3, 2025

Kawasaki Kisen Kaisha, Ltd.

Delivery of Liquefied CO2 Carrier “NORTHERN PHOENIX” to Northern Lights

On December 2, 2025, the newly built liquefied CO2 carrier “NORTHERN PHOENIX” (the Vessel) was delivered to Northern Lights JV DA (Northern Lights) at Dalian Shipbuilding Offshore Co., Ltd. (DSOC)

Kawasaki Kisen Kaisha, Ltd. (“K” LINE) and Northern Lights have entered into bareboat charter contracts and time charter contracts for three of the four liquefied CO2 carriers ordered by Northern Lights, including the Vessel.

The Vessel is the third liquefied CO2 carrier to be engaged by Northern Lights, which is world's first to offer full-scale commercial transportation and storage of CO2.

Just like “NORTHERN PIONEER”,<sup>\*1</sup> which was the first vessel delivered in November 2024, and “NORTHERN PATHFINDER”,<sup>\*2</sup> the second vessel delivered in December 2024, the Vessel will be managed by “K” LINE ENERGY SHIPPING (UK) LIMITED based in London, the subsidiary of “K” LINE.

Going forward, the Vessel will transport liquified CO2 collected from clients outside Norway to the Northern Lights’ receiving terminal in Øygarden, western Norway. By transporting CO2 internationally, the Vessel will contribute to the expansion of the Northern Lights and the establishment of the CCS business in Europe.

The “K” LINE Group is taking different steps towards its own low-carbon and carbon-free initiatives, and that for society, in accordance with its long-term guidelines concerning the environment, “K” LINE Environmental Vision 2050. “K” Line will leverage the knowledge gained from the operation of liquefied CO2 carriers, an area in which it is a forerunner, in future business development with the aim of realizing a sustainable society and increasing its corporate value.

[Vessel Particulars]

Cargo tank capacity: 7,500 m<sup>3</sup>

Overall length: 130 m

Breadth: 21 m

Cargo transport conditions: Maximum pressure of 19 bar(g) and minimum temperature of -35°C

Primary fuel: LNG

Low-carbon technologies: Wind-assisted rotor sail and air lubrication

Ceremony



\*1 November 26, 2024: Ready for Delivery of Liquefied CO<sub>2</sub> Carrier "NORTHERN PIONEER" to Northern Lights

[https://www.kline.co.jp/en/news/liquefied\\_gas/liquefied\\_gas-20241126.html](https://www.kline.co.jp/en/news/liquefied_gas/liquefied_gas-20241126.html)

\*2 January 30, 2025: Delivery of Liquefied CO<sub>2</sub> Carrier "NORTHERN PATHFINDER" to Northern Lights

[https://www.kline.co.jp/en/news/liquefied\\_gas/liquefied\\_gas-20250130.html](https://www.kline.co.jp/en/news/liquefied_gas/liquefied_gas-20250130.html)