November 24, 2026
Kawasaki Kisen Kaisha, Ltd.

"K" LINE Signs Contract for Construction of Two LPG Dual-Fuel VLGCs

Kawasaki Kisen Kaisha, Ltd. ("K" LINE) announces today that it has signed agreements with South Korea-based HD Hyundai Samho Co., Ltd. regarding the construction of two LPG dual-fuel very large gas carriers (VLGCs for liquefied petroleum gas (LPG) and ammonia transportation, hereinafter the Carriers).

The Carriers to be built are of the latest design, with cargo tanks having a total capacity of approximately 90,000 m³ and a limited beam for passing through the old and new locks of the Panama Canal. In response to increasing U.S. LPG exports, they support flexible procedures for transiting the Panama Canal based on congestion levels, traffic restrictions, and other conditions.

In terms of environmental performance, the Carriers feature a dual-fuel design that enables the use of LPG as fuel. When using LPG, the Carriers produce lower greenhouse gases such as CO_2, and air pollutants, and therefore have a lower environmental impact. In terms of cargo capability, the Carriers are designed to carry not only LPG but also liquefied ammonia. Designed in anticipation of future demand for ammonia transportation, they support the transition to a low-carbon or decarbonized society.

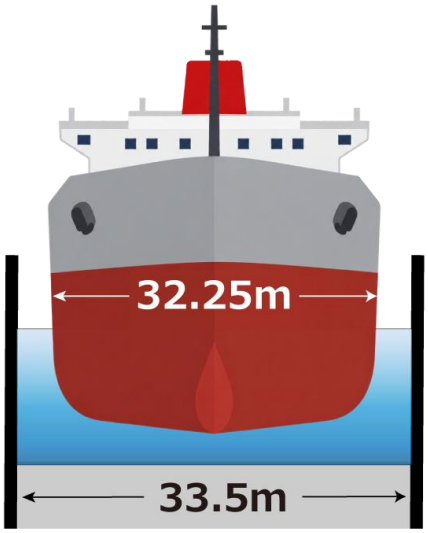
"K" LINE has long offered safe and high-quality transportation services to meet demand for transportation of LPG and other liquefied gases. By building the Carriers, "K" LINE will develop its VLGC fleet and continue to support a stable supply of energy.

Major Specifications of the Carriers

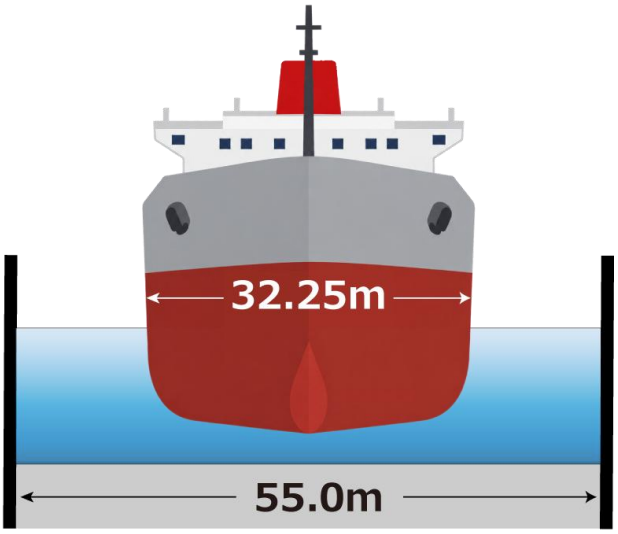
Shipyard	HD Hyundai Samho Co., Ltd.
Number of vessels	Two
Delivery	2030 (plan)
Overall length	Approx. 230 m
Beam	Approx. 32.25 m
Cargo tank capacity	Approx. 90,000 m^3
Main engine	LPG dual-fuel engine
Cargoes	LPG and ammonia

川崎汽船株式會社
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KAWASAKI KISEN KAISHA, LTD.
Corporate Sustainability, Environment Management,
IR and Communication Group

This diagram shows the relationship between the beam of the Carriers (approx. 32.25 m), the old lock width (approx. 33.5 m), and the new lock width (approx. 55 m).



Panamax Locks



Neopanamax Locks