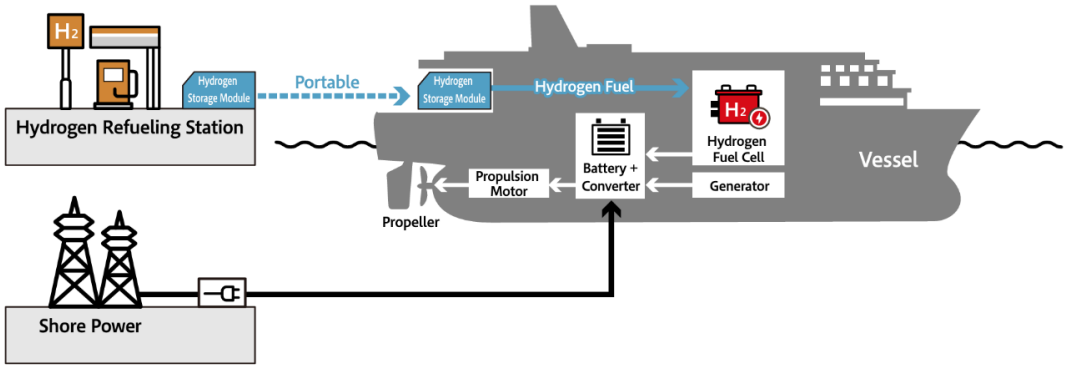
News Release

June 15, 2026
Nippon Yusen Kabushiki Kaisha
Yanmar Power Solutions Co., Ltd.
ENEOS Corporation

Yanmar Maritime Hydrogen Fuel Cell System Selected for New Dining Cruise Ship



Conceptual image of the hydrogen fuel cell system

Osaka, Japan (June 15, 2026) – Nippon Yusen Kabushiki Kaisha (NYK), Yanmar Power Solutions Co., Ltd. (Yanmar Power Solutions), and ENEOS Corporation (ENEOS) have agreed to install a maritime hydrogen fuel cell system* for a new dining cruise ship scheduled to enter service in 2027. The vessel will succeed Lady Crystal, currently operated by the NYK Group in the Tennoz Isle area of Tokyo.

The maritime hydrogen fuel cell system will be designed by Yanmar Power Solutions and integrated into the vessel using hydrogen storage modules provided by Toyota Motor Corporation as part of the fuel supply system. This project marks Yanmar Power Solutions' fifth implementation of the system.

In preparation for adoption, NYK conducted comprehensive verification in accordance with the safety guidelines for hydrogen fuel cell ships established by Japan's Ministry of Land, Infrastructure, Transport and Tourism (MLIT), confirming the system's safety and reliability. By leveraging the combined expertise of Yanmar Power Solutions, NYK, and Toyota Motor Corporation, the project has realized the efficient integration of hydrogen-related equipment.

For this vessel, safety will be the highest priority. At the same time, careful attention will also be paid to creating a comfortable onboard environment befitting a dining cruise ship. The project aims to provide a high-quality cruise experience.

ENEOS, an energy infrastructure provider, will be responsible for hydrogen production at refueling stations, primarily located in Tokyo, and for supplying hydrogen to the storage modules. Drawing on its experience in developing and operating numerous hydrogen stations across Japan, ENEOS will work to ensure both safety and a stable supply.

By adopting a hydrogen fuel cell system for the vessel, the three companies aim to advance the practical use of hydrogen in the maritime sector and contribute to the decarbonization of the shipping industry.

Vessel specifications:

Length	approximately 48.0 meters (157 feet)
Beam	approximately 9.5 meters (31 feet)
Draft	approximately 2.1 meters (7 feet)
Gross tonnage	approximately 480 tons

* The hydrogen fuel cell system uses hydrogen to generate electricity and emits no greenhouse gases (GHG) or nitrogen oxides (NOx) during operation, reducing environmental impact.

About Yanmar

With beginnings in Osaka, Japan, in 1912, Yanmar was the first ever to succeed in making a compact diesel engine of a practical size in 1933. A pioneer in diesel engine technology, Yanmar is a global innovator in a wide range of industrial equipment, from small and large engines, agricultural machinery and facilities, construction equipment, energy systems, marine, to machine tools and components — Yanmar's global business operations span seven domains. Guided by its Brand Statement, "A Sustainable Future – New Value Through Technology," Yanmar provides advanced solutions to the challenges customers face on land, at sea, and in the city, working towards realizing a sustainable future.
https://www.yanmar.com/global/about/

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