



# Methanol Fuelled Vessels on the Water and on the Way

2024

To learn more about each project, click on the project title.

## MARCH

### China

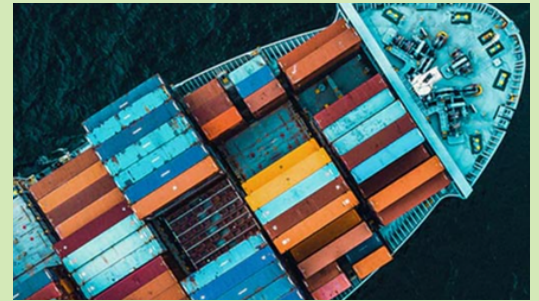
Zhoushan Xinya Shipyard has retrofitted the Maersk Halifax, a 14,000 TEU containership for methanol dual-fuel operation.

### China

Nantong Xiangyu Shipbuilding & Offshore Engineering has signed a construction deal for eight 64,000 dwt methanol-ready bulk carriers with Xiamen Jinxian and COSCO Shipping Bulk for delivery from 2026 to 2029.

### United States

Stena Provident, one of six state-of-the-art methanol-fuelled IMOII MeMAX ships commissioned through the Proman Stena Bulk, has completed the first methanol bunkering at the US Port of Savannah.





## **China**

Bunkering vessel “Hai Gang Zhi Yuan” successfully completed the first bunkering trial of methanol in China by receiving fuel on shore at Shengang Oil Terminal in Yangshan Port.



## **Turkey**

SANMAR notes steel-cutting for the world's first methanol fueled escort tugs based on designs from Canada’s naval architects Robert Allen Ltd. The two tugboats will escort tankers from the Port of Vancouver to the open Pacific Ocean.

MAN 21/31 dual-fuel methanol (DF-M) engine.



## **Netherlands**

The now-completed vessel adjustments to the Fugro Pioneer allow two of its four original engines to be replaced by methanol engines, ensuring services can still be offered in regions where green methanol is unavailable.





## Italy

T Mariotti has scooped a contract with Aman Group and Cruise Saudi to build the Aman at Sea,- a cruise ship to feature Wärssila methanol dual-fuel engines for launch in 2027.

## China

MAN Energy Solutions and China Classification Society have signed a sub-agreement that will support the development project for the new MAN 21/31 dual-fuel methanol (DF-M) engine.

## FEBRUARY

## China

German Tanker Shipping (GTS) has opted to use MAN ES methanol-ready engines for a quartet of Chinese-built 41,000 DWT tankers with Fujian Mawei Shipbuilding and Xiamen Shipbuilding Industry.

## United Kingdom

Naval architecture and marine engineering firm BMT unveiled its new design for a 48-meter methanol-ready service operation vessel (SOV).

## China

NYK Stolt Tankers has ordered six 38,000 DWT methanol-ready, chemical tankers from Nantong Xiangyu Shipyard, for delivery between late 2026 and 2029.







## China

Smyril Line has hired the CIMC Raffles shipyard to build two new methanol-ready ro-ro ships for the company for delivery in 2026.

## South Korea

The Ministry of Oceans and Fisheries and Ulsan Port Authority have announced the successful completion of STS green methanol delivery to 16,000 TEU Ane Maersk containership at Ulsan Port.

## Denmark

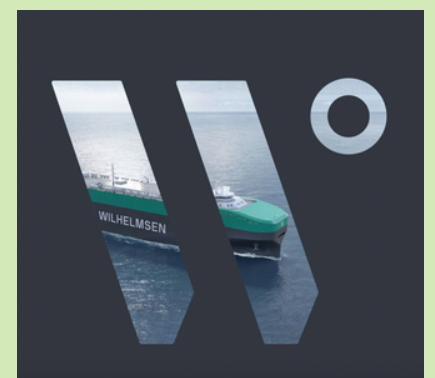
Eltronic FuelTech announced that it offered equipment for supplying fuel from tanks to engines on methanol-powered ships.

## China

Euronav has concluded an order for two green methanol dual-fuel bitumen tankers with China Merchants Jinling Shipyard (Yangzhou) Dingheng for delivery in 2026.

## Norway

Wallenius Wilhelmsen has declared options to build four additional next-generation, methanol dual-fuel Shaper Class pure car and truck carrier (PCTC) vessels. The first 9,300 CEU of the Shaper Class vessels already ordered are expected to be delivered in 2026, with the four additional vessels for delivery in 2027.





## **China**

Danaos has also recently ordered two more methanol-ready 8,258 TEU vessels at Yangzijiang Shipyard and with a total of four vessels under construction at that shipyard with deliveries in 2026 and 2027.

## **China**

Diana Shipping announced it has placed an order for two new methanol dual-fuel Kamsarmax bulk carriers from Tsuneishi Group (Zhoushan) Shipbuilding Inc. The 81,200 DWT newbuilds are expected to be delivered in 2027 and 2028.

## **Turkey**

Eidesvik Offshore and Agalas have jointly ordered a new construction support vessel (CSV) for subsea and offshore wind operations. The vessel, Eidesvik Agalas, will run with methanol engines and a battery hybrid system built at the Sefine Shipyard with delivery in early 2026.

## **Denmark**

Unifeeder Group finalized a long-term charter agreement adding two more methanol-fueled 1,250 TEU container feeder vessels to their EU fleet with Elbdeich Reederei and MPC Container Ships, each contributing one vessel, with delivery expected in 2026.





## **JANUARY**

### **Denmark**

Maersk Line has christened its first 16,000 TEU dual-fuel methanol container ship, and it will be known as the Ane Maersk.

### **Belgium**

Jan De Nul Group and ABC Engines signed orders for four 7,200 kW engines and one 1,800 kW engine that can run on (bio)diesel, HVO and methanol for placement in cable-laying vessel, Fleeming Jenkin.

### **Taiwan**

Evergreen Marine and Yang Ming Marine Corp. are preparing to place orders for methanol dual-fuel feeder container ships with CSBC Corporation, Taiwan, for six and 15 boats, respectively.

### **China**

CMA CGM has signed up a series of 9,300 TEU containerships for a methanol dual-fuel revamp in China, joining the likes of Maersk, COSCO and Hapag-Lloyd.

### **United States**

Foremost Group orders up to four methanol-ready 82,000 DWT Kamsarmax ships at Chengxi Shipyard, for delivery in 2027 and 2028.







## Japan

Kawasaki Kisen Kaisha ("K" LINE) has ordered three next-generation, methanol-ready bulkers that incorporate new designs developed by the Nihon Shipyard.

## China

China's inaugural methanol bunkering ship, Hai Gang Zhi Yuan, embarked on its maiden voyage following conversion at Zhoushan Putuo Changhong Shipbuilding. The 16,000 cbm vessel will provide ship-to-ship methanol bunkering at the Port of Shanghai.

## Saudi Arabia

Bahri Chemicals will charter two new-built methanol-powered tankers under a five-year agreement with methanol producer Proman.

## Japan

Ocean Network Express (ONE) commissioned twelve 13,000 TEU methanol dual-fuel container ships. Jiangnan Shipyard and Yangzijiang Shipbuilding will each build six vessels, with delivery starting in 2027.

## United States

Fincantieri has announced that Windward Offshore consortium has exercised options for the design and construction of two hybrid Commissioning Service Operation Vessels (CSOVs) which will be delivered in Q3 2025 and Q1 2026.





## **Netherlands**

MAN ES will be supplying three methanol-ready MAN 49/60 engines for a 31,000 cubic meter (cbm) trailing suction hopper dredger (TSHD) that Royal IHC will be building for Royal Boskalis at its Krimpen aan den IJssel yard to enter service in mid-2026.

## **China**

Deltamarin has announced a collaboration with Louis Dreyfus Armateurs (LDA) and Wuchang Shipbuilding Industry Group Co Ltd. (WSIG) to design three wind-assisted, dual-fuel methanol RoRo vessels for Airbus.

## **China**

Guangzhou Shipbuilding International (GSI) has handed over the 50,000-ton methanol dual-fuel tanker Stena Progressive to its owner Proman Stena Bulk, the joint venture between Stena Bulk and methanol producer Proman, the final vessel to be delivered by the yard from the series of six joint venture methanol tankers.

## **Italy**

Fratelli Cosulich ordered its first methanol dual-fueled chemical bunker tanker with a capacity of over 8,000 cubic meters and the ability to carry both green methanol and biofuels, the 7,990 dwt IMO Type II chemical vessel will be built at Taizhou Maple Leaf Shipbuilding in China with delivery the end of 2025.







**China**

Fujian Air China Ocean Shipping and Wuhu Shipyard signed a contract for the construction of four + six 89,000 DWT methanol dual-fuel bulk carriers. China Classification Society (CCS) issued GDA type approval certificate to Air China Ocean Shipping.

**Norway**

JP Morgan has contracted Ulstein Verft to deliver two methanol-ready commissioning service operation vessels (CSOVs).

**China**

Lemissoler Navigation Ltd. and Shanghai Merchant Ship Design and Research Institute (SDARI) received ABS approval in principle (AIP) for its design of a 65,000 DWT methanol-fueled Ultramax bulk carrier, the first such methanol vessel for China’s shipbuilding industry.

**Sweden**

Erik Thun orders two methanol-ready coastal tankers and two next-gen MPVs to be built by Shipsveerf Ferus Smit B.V. in the Netherlands.

**Korea**

Korean Register (KR) has awarded approval in principle (AiP) for the methanol dual-fuel retrofit design of HMM’s 16,000 TEU containership.





## **China**

COSCO orders six methanol-fuelled tankers, including three 114,200 Aframax tankers constructed in Yangzhou, plus a pair of methanol-ready 64,900 dwt Panamax tankers and a 50,000 dwt MR tanker built in Dalian, all scheduled for delivery in 2026 and 2027.

## **China**

**Guangzhou Shipyard International ordered ten methanol fuel supply system for ships it will be building from its subsidiary GSI Marine Research Center to be used for future ships that will built by GSI.**

## **China**

Guangzhou Shipbuilding International (GSI) hands over the 50,000-ton methanol dual-fuel oil tanker Stena Progressive to its owner Proman Stena Bulk, the joint venture between Stena Bulk and methanol producer Proman, marking the conclusion of China's inaugural methanol dual-fuel oil tanker project.

## **China**

China's first methanol bunker vessel, the Hai Gang Zhi Yuan, embarked on its maiden voyage, following a conversion process at Zhoushan Putuo Changhong Shipbuilding Co. The ship left for Shanghai Port where it was put in operation as an integral part of Shanghai Port Clean Energy Center.





## China

COSCO Shipping Energy Transportation signs a contract for six methanol-fuelled tankers with COSCO Shipping Heavy Industry. Three 114,200 dwt methanol-fuelled Aframax tankers will be constructed by Cosco Shipping Heavy Industry's yard in Yangzhou. Cosco Shipping Heavy Industry's yard in Dalian will build a pair of methanol-ready 64,900 dwt Panamax tankers and a 50,000 dwt MR tanker.



## China

AAL Shipping's AAL Limassol, the first next-generation methanol-ready multipurpose vessel, has been launched. AAL Limassol is the first of the company's six new mega-size 32,000 dwt 'Super B-Class' heavy lift vessels, which will be dual fuel compatible and methanol ready.



## China

COSCO Shipping orders two 325,000 dwt VLOCs at its affiliated yard COSCO Yangzhou, with methanol dual-fuel propulsion. COSCO has ordered methanol dual fuel newbuilds in various sectors, including dry bulk, containers, and tankers.



## Japan

Kawasaki Kisen Kaisha ("K" LINE) has ordered three next-generation bulkers that incorporate new designs developed by the Nihon Shipyard and will be delivered methanol-ready in anticipation that the low-emission fuel will be adopted.







## Norway

JP Morgan contracted Norway-based Ulstein Verft to deliver two methanol-ready commissioning service operation vessels (CSOVs).



## China

Fujian GuoHang Yuan Yang and Wuhu Shipyard signed a contract to construct four six 89,000 DWT methanol dual-fuel bulk carriers.

(January 2024).

Lemissoler Navigation and Shanghai Merchant Ship Design and Research Institute (SDARI) received ABS approval in principle (AiP) to design a 65,000 dwt methanol-fueled ultramax bulk carrier.



## Netherlands (January 2024)

The Erik Thun Group announced four additional new vessels were ordered including two methanol-ready "Resource Efficiency Class" coastal tanker to be built by Shipyveerf Ferus Smit B.V.



## Singapore (January 2024)

Fratelli Cosulich ordered its first 7,990 dwt methanol dual-fueled chemical bunker tanker with an over 8,000 cubic meters capacity and the ability to carry both green methanol and biofuels. The ship will be built at Taizhou Maple Leaf Shipbuilding in China for delivery in the last quarter of 2025.

