

TBN Fjord1

Double-ended Ferry



Illustration: HAV Design

GENERAL VESSEL INFORMATION

Owner	Fjord1
Shipyard	Tersan Shipyard
New build No.	1113 & 1114
Delivery	2023
IMO No.	9941738 & 9941740
Ship Design	HAV Design 934

BRUNVOLL DELIVERY

Azimuth Propulsion Thruster	2 x PUAU74LNA 2100-1000 kW
Control System	BruCon Propulsion & Thruster Control System
Autonomy	BruCon Autocrossing
CMS	BruCon



Illustration: HAV Design. Double-ended ferry with Brunvold Azimuth Propulsion

The two new double-ended ferries will be powered by two Brunvold Pulling Azimuth Propulsion units, each of 1000kW. The ferries will be 84 meters long and 16.3 meters wide with a capacity of 248 passengers (including crew), 80 PCU and 6 trucks.

The BruCon auto-crossing system is ensuring a safe and predictable transit between docks with the most energy efficient speed-profile possible.

The two ferries are designed to comprise battery propulsion with fast charging batteries from shore during the disembarkation of passengers. In line with the latest environmental demands, the ferries are also arranged with a diesel-electric back up system and they can operate in full electric mode, hybrid mode and diesel-electric mode.

The sister ferries which will operate between Stranda – Liabygda (NB1113) and Eidsdal – Linge (NB1114) routes, will be constructed to provide effective, comfortable, energy efficient and environmental friendly transport, loading & unloading of cars and passengers.

