



## EDDA FRENDE

Type: Platform Supply Vessel (PSV)

Hull Material: Steel

Owner: Østensjø Rederi A/S (Norway)

Among the most innovative PSVs in the world, Edda Fram (2007), Edda Frende (2009) and Edda Ferd (2013) were the first PSVs built with Voith-Schneider propellers that could serve both as main propulsion and anti-rolling system. In addition, they were the first ones to be equipped with a Rim-Driven technology tunnel thruster with super-silent capabilities. Improving the efficiency of its sister vessels and becoming the most environmentally friendly PSV in the world in 2013 according to OSJ, Edda Ferd is also the first vessel to be equipped with Siemens Bluedrive PlusC diesel-electric propulsion system. This cutting edge technology provides independent speed control of each engine, reducing fuel consumption and minimizing greenhouse gas emissions.



## MAIN PARTICULARS

### General information

Hull material	Steel
Type	Platform Supply Vessel (PSV)
Delivery	2009
DNV-GL Class notation	✠ 1A1, Supply Vessel, SF, EO, ICE C, DYNPOS- AUTR, CLEAN, Comfort-C(3)-V(3), LFL * Registered notations: DK(+) and HL(2.8), PMS, ISM, NAUT-OSV(A) OILREC.

### Dimensions

Length overall	85.8 m
Length between perpendiculars	77.4 m
Breadth moulded	19.2 m
Depth from main deck	8.0 m
Maximum draught	6.7 m
Deadweight at max draught	4,012 t

### Capacities

Fuel oil	1,100 m <sup>3</sup>
Fresh water	1,000 m <sup>3</sup>
Ballast	1,080 m <sup>3</sup>
Oil rec.	690 m <sup>3</sup>
Cargo deck area	910 m <sup>2</sup>

### Special Cargo Capacities

Dry Bulk Cement Tanks	260 m <sup>3</sup>
Drill Water/Ballast	2,280 m <sup>3</sup>
Liquid Mud / Brine	1,215 m <sup>3</sup>
Methanol	440 m <sup>3</sup>
Drill Cuttings / Special products LFL/LFL *	720 m <sup>3</sup>
Slop tanks	24.3 m <sup>3</sup> + 5.5 m <sup>3</sup> LFL *

### Accommodation

Accommodation for	23
Cabins	Total 27, 16 single cabins + 11 double cabin

## PERFORMANCE & MACHINERY

### Propulsion / Manoeuvring

Propulsion System	Diesel-Electric / Siemens BlueDrive PlusC
Power Generation	2 x Siemens generator, 2,222 kW each + 2 x Siemens generator, 3,333 kW each + Battery Hybrid Power Station
Main Engines	2 x MAK 6M25C, 2,000 kW each + 2 x MAK 9M25C, 3,000 kW each
Main Propellers	2 x Voith Schneider 32R5 ECR/300-2, 2,700 kW each
Bow Thrusters	2 x Brunvoll FU-80-LCR, 2,250 kW each + 1 x Brunvoll RDT-1750, 800 kW RIM tunnel thruster

### Features

Maximum speed	16 Kn
Eco speed	12 Kn

## EQUIPMENT

### Deck / Special equipment

Cranes	1 x 1.5 t at 8 m Port Side + 1 x 3.0 t at 10 m Starboard Side
Fast rescue craft	Alusafe 770 Mk2 Twin
Anti-Roll system	Voith Roll Stabilization