

2011 | DP2 PSV



General

Year Built:	2011
Class:	ABS
Notation:	A1 (E) Offshore support vessel fire-fighting class 1, AMS * DPS-2.
Flag:	

Dimensions

Length Overall:	69.90 m
Beam Moulded:	16.60 m
Depth:	7.00 m
Design Draft:	5.80 m
Gross Tonnage:	2,501 T
Net Tonnage:	750 T
Deadweight	3,010.46 T

Capacities

Max Speed:	Knots (90% MCR)
Fuel Oil:	MGO
Deck Cargo:	5.0 ton/m2
Deck Cargo Area:	~ 550 m2

GMDSS System & Navigation Equip.

GMDSS for Area 3, which includes:

SSB Radio:	1 unit
Inmarsat C:	1 unit
Radio VHF:	2 units
Radar:	2 units
Echosounder:	1 unit
Gyrocompass:	3 units
Autopilot:	1 unit
Magnetic Compass:	1 unit
Speed Log:	1 unit
NAVTEX Receiver:	1 unit

GMDSS System & Navigation Equip.

SART:	2 units
GPS:	1 unit
AIS:	1 unit
Satellite EPIRB:	1 unit
Weather Fax Receiver:	1 unit
Inmarsat FleetBroadband:	1 unit

Vessel also equipped with PA system, system sound and integrated communication system.

Machinery

Principal Engine	2 x 2, 575 BHP @ 1,600 rpm, Caterpillar 3516B
Reductor Gear	2 x Reinjtes LAF 873
Main Generator	3 x 620B kW, Caterpillar 3412C, 440 V / 3 ph / 60 Hz
Shaft Generator	2 x 1,070 kW Shaft Driven
Emergency Generator	1 x 117 kW, Caterpillar C4.4 DITA
Thrusters	2 x Berg CPP Type BCP 690
Rudders	2 x High Lift Flap
Thrusters Bow / Stern	1 x 515 kW, Kawasaki KT-72B3 CPP

Deck Machinery

Combined Windlass	2 x 13 T @ 12 m/min, for 42 mm Diameter Chain U3
Anchor	2 x high holding type, stored in the pocket, each 2,280 kg.
Winch	2 x 5 tons @ 15 m/min
Drag Winch	2 x 10 tons @ 12 m/min
Provision Crane	1 x 2 T @ 12 m outreach, Electro-Hyd Telescopic

Dynamic Position System

ABS DPS2 c/w Independent Joystick System

DP Control System MT BridgeMate DP2 System:

Independent Joystick System

Gyroscope	3 x Anschutz - STD - 22
Cyscan	Bridge Mate Cyscan
Radscan	Mini Radscan
UPS - Eaton	2 x Ex 1,500
DGPS	2 x Eaton - Ex 1,500
Wind Sensor	3 x Young
VRU	2 x DMS MTRPDP 3-25
Management System	DEIF Multi Line PPM

Accommodation

4 x 1 cabin	4 pax
6 x 2 cabin	12 pax
11 x 4 cabin	44 pax
Total	60 pax
Hospital	1 pax

Fire Protection System

Meet FiFi Class 1

External (FFS):
FiFi-1 water spray c/w external

Fire Pumps	2 x 1,700 m ³ /hr @ 12 bar 2 x 1,200 m ³ /hr
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Internal

Emergency fire pump
CO₂ system in the engine room
Water mist system in the machine room and warehouse

Rescue Equipment

Meets SOLAS

Miscellaneous /
Other

Water Treatment

1

Treatment Plant Sewage water

1 x 60 pax

Oily Water Separator

1 x Separador,
1 m3/hr @ 15 ppm

TANK

CAPACITY

DOWNLOAD FEES

Fuel Oil	597 m ³	1 x 100 m ³ / hr @ 80 m head
Fresh Water	515 m ³	1 x 100 m ³ / hr @ 80 m head
W.B.	1,196 m ³	1 x 100 m ³ / hr @ 80 m head
Mud	448 m ³	2 x 100 m ³ / hr @ 200 m head
Brine	164 m ³	1 x 100 m ³ / hr @ 82 m head
Dry Bulk Cement	249 m ³	2 x 20 m ³ / hr @ 5.6 kg / cm ² (max. 6 bar)
Cement Compressort	249 m ³	2 x 20 m ³ / hr @ 5.6 kg / cm ² (max. 6 bar)