



Albatross 5 DP2 – FiFi 1 – Multi Purpose Offshore Support Vessel



LOA	64.30 m
Breadth	15.00 m
Depth	6.70 m
Draft Summer	5.70 m
GRT	1864 tons (ITC69)
Deadweight	2117 tons
Bollard Pull	80 tons

Class / Registration / Year Built

Classification	: IRS, SUL, TUG, IY, TCM, AGNI 1 (2400 cum/hr), DP (2)
Flag	: INDIA
Registration #	: 4452
Call Sign	: AWUV
IMO #	: 9236808
Year Built	: 2002

Capacities / Discharge Rates

Fuel (Diesel)	: 510 m ³	: 2 x 100 m ³ /hr @ 9 Bar
Potable Water	: 550 m ³	: 1 x 150 m ³ /hr @ 9 Bar
Drill / Ballast	: 560 m ³	: 1 x 150 m ³ /hr @ 9 Bar
Dry Bulk	: 185 m ³	
Liquid Mud	: 140 m ³	: 1 x 75 m ³ /hr @ 18 Bar
Deck Cargo	: 900 tons (5.0 T/m ² loading)	
Deck Area	: 408 m ²	
Foam Tank	: 17.3 cubic metres	

Machinery / Performance

Main Engines	: 2 x 2648 kW – Bergen BRM6
Horse Power	: 7,210 BHP
Generators	: 2 x CAT 3406 347 kW, 400V, 3 Phase, 60 Hz 2 x 1600 kW Shaft Generators 1 x 70 kW CAT 3304 Emergency Generator.
Propellers	: 2 x CPP
Bow Thrusters	: 2 x 700 BHP thrust each
Stern Thruster	: 1 x 700 BHP thrust
Speed	: 13.0 Knots Full Speed / 10 Knots Cruising
Fuel Consumption	: 13.0 Knots – 15 m ³ per day (approx) (Approximates) 10.0 Knots – 9.5 m ³ per day (approx)
Standby (Port)	: 0.9 m ³ per day (generators only)
Standby (Sea)	: 5.5 m ³ per day
DP (24 Hrs)	: 12.0 m ³ per day

Deck Equipment

Towing Winch	: 1 x Brattvaag SLI50-B2T 150 tons Line Pull, 250 tons brake. Tow wire 1100m x 64 mm Ø
Tugger Winches	: 2 x 6 Tonnes Brattvaag
Towing Pins	: 2 x retractable Karm guide pins with horizontal locking tops
Shark Jaws	: 200 ton SWL
Capstan	: 2 x 10 Tonnes Brattvaag
Storage Reel	: Electro-hydraulic. Capacity 1400 m x 56 mm Ø wire
Stern Roller	: 4.00 m x 1.50 Ø. SWL 250 T (approx.)
Deck Crane	: 2 tonnes at 10 m
Anchor Windlass	: 9 Tonne Pull Brattvaag, 1600 Kg High Holding Anchors 330 M X 36 mm chain each side, plus 1 spare anchor

Navigation Equipment

Gyro Compass	: 1 unit
Magnetic Compass	: 1 unit
Autopilot	: 1 unit
Satellite Navigation	: 1 unit
Echo Sounder	: 1 unit
Radars	: 2 units
Navtex	: 1 unit
Speed Log	: 1 unit

Communication Equipment

GMDSS	: 1 set Area A3 Station
SSB Radio	: 1 unit
VHF Sets	: 3 units with DSC
Inmarsat	: 2 nos

Specialized Equipment

“Fire Fighter Class 1”- 2 x 1200 m³/hr monitors on top of wheelhouse (manual and remote control).
Kongsberg KPos DP2 System

Accommodation

Cabins	: 9 x 1 man, 10 x 2 man = 29 beds
Hospital	: 1 x 1 man

Safety / Environmental / Others

All safety equipment as per SOLAS requirements.
Sewage Treatment Plant
Oily Water Separator
6 man Rescue Boat with 40 HP OBM.
Survivor / treatment room for 1 persons.