



PSV 75M DP-2 - VOS PRUDENCE (3231)



GENERAL

IMO	9664213
Call Sign	IBCH
Place of Build	Fujian South East Shipyard, China
Flag	Italian
Port of registry	Ancona
Vessel Type	Platform Supply Vessel DP2 SPS
Year Built	2013
Class	RINA
Supply vessel; fire-fighting ship - 1 - oil recovery ship; unrestricted navigation	
AUT-UMS;dynapos AM -R;LSF 0,1; SPS up to 60	

MAIN DIMENSIONS

Length Overall	75 m
Beam	17.25 m
Maximum Draft	6.6 m
Net Registered Tonnage	939 t
Gross Registered Tonnage	2948 t
Deadweight	3323 t

MACHINERY & PROPULSION

Main Propulsion output	6000 HP, 2 x 3000 hp @ 750 rpm
Main Propulsion Type	Niigata model 8L 28 HX
Propulsion	2 x Azimuth
Propellers	Niigata Z-PELLER
Bow Thruster	2 x 650 kW
Main Generators	3 x CAT C18 450 kW
Emergency Generators	1 x CAT C4.4 80 kW
Water maker	2 x 10 MT/day

PERFORMANCES

Fuel consumption @ 12 Knots	About 13 MT per day
Fuel consumption @ 10 Knots	About 9 MT per day
Fuel consumption @ 8 Knots	About 7 MT per day
Fuel consumption in port	About 0.5 MT per day
Fuel consumption in DP mode	About 6 MT per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

ACCOMMODATION

Crew	14
Special Personnel	36
Hospital	1
Cabins	6 x 1; 22 x 2
TOTAL BEDS	50

OTHER EQUIPMENT

Anti-pollution equipment-spray booms	yes
Oil Recovery	yes
Automated fuel consumption and ROB measurement system	
Flow meters	Coriolis

EXTERNAL FIRE FIGHTING

Capacity	FIFI Class 1 - 2 x 1200 cu m per hr
Monitor	2
Throw x Height	120 m x 50 m

CARGO CAPABILITIES

Fresh Water	550 m ³ - 100 m ³ /hr at 80 m head
Drill Water	1600 m ³ - 100 m ³ /hr at 80 m head
Fuel Capacity (100%)	775 m ³ - 150 m ³ /hr at 80 m head
Liquid Mud	739 m ³ - 70 m ³ /hr
Dry Bulk	4 x Silos (228 m ³) - 2 x 20 m ³ /Min (compressors)
Base Oil	147 m ³
Clear Deck Area	700 m ²
Deck Cargo	1200 t
Deck Loading	5.5 t/m ²

COMMUNICATIONS EQUIPMENT

HF Radio	Furuno FS-2575C
VHF Radio	2 x Furuno FM-8800S
Portable VHF Radio's	3 x McMurdo R2 GMDSS Handheld
Satellite Communications (Voice and Fax)	VSAT/IRIDIUM
E.P.I.R.B	McMurdo SMARTFIND E5
INMARSAT	INMARSAT 'C'
GMDSS Compliance	A1+A2+A3

NAVIGATION EQUIPMENT

Radar No. 1	S-Band Furuno FAR-2137
Radar No. 2	X-Band Furuno FAR-2117
Echo Sounder	Furuno FE 700
Navtex	Furuno NX 700
Gyro Compass	Digital Gyro STD 22 x 3
Doppler Speed Log	Furuno DS80
Auto Pilot	Anschutz Pilot STAR-D
GPS	Furuno GP 150
AIS	Furuno FA 150
Weather Facsimile	Furuno Fax 408
Kongsberg dynamic position system DPS-2	K-POS DP-21 and CJoy
Reference System 1	DGPS DPS 110
Reference System 2	DGPS DPS 110
Reference System 3	Cyscan

DECK MACHINERY

Tugger Winch	2 x 10 t @ 24 m/min
Capstan	2 x 10 t @ 25 m/min
Deck Crane	1 x SWL 3 t / 10 MT

LIFE SAVING APPARATUS

Life rafts	Total 6, capacity 150 men
Rescue Boat	1 x FRC 15 persons SOLAS approved

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