



VOS PRUDENCE

Platform-supply vessel

75M DP-2

Vessel number 3231

GENERAL

Flag	Italian
Port of registry	Ancona
Year built	2013
Place built	Fujian South East Shipyard, China
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
Call sign	IBCH
IMO number	9664213
Vessel type	Platform Supply Vessel DP-2 SPS

PRINCIPAL DIMENSIONS

Length overall (LOA)	75 m
Beam	17.25 m
Maximum draft	6.6 m
Net registered tonnage	939 t
Gross registered tonnage	2,948 t
Deadweight	3,323 t

MACHINERY & PROPULSION

Main propulsion output	6,000 HP (2 x 3,000 HP @ 750 rpm)
Main propulsion type	Niigata model 8L 28 HX
Propulsion	2 x Azimuth
Propellers	Z-PELLER NIIGATA
Bow thruster	2 x 650 kW
Main generator	3 x CAT C18 450 kW
Shaft generator	2 Leroy Somer x 1000 kW main engine driven
Emergency generator	1 x CAT C4.4 80 kW
Water maker	2 x 10 mt/day

PERFORMANCE

Fuel consumption at 12 knots	abt 13 mt/day
Fuel consumption at 10 knots	abt 9 mt/day
Fuel consumption at 8 knots	abt 7 mt/day
DP mode	abt 6 mt/day
In port	abt 0.5 mt/day
Fuel type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES

Fresh water	550 m ³ - 100 m ³ /hr at 80m head
Drill water	1,322 m ³ - 100 m ³ /hr at 80m head
Fuel capacity (100%)	775 m ³ - 150 m ³ /hr at 80m head
Liquid mud	739 m ³ - 70 m ³ /hr
Dry bulk	4 SILOS (228 m ³) - 2 x 20 m ³ /min (compressors)
Base oil	147 m ³
Clear deck area	700 m ²
Deck cargo	1,200 t
Deck loading	5.5 t/m ²

COMMUNICATIONS EQUIPMENT

HF radio	Furuno FS-2575C
VHF radio	2 x Furuno FM-8800S
Portable VHF radios	3 x McMurdo R2 GMDSS handheld
Satellite communications	VSAT/IRIDIUM (voice & fax)
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	Anchutx Pilot Star-D
GPS	Furuno GP 150
A.I.S.	Furuno FA 150
Weather facsimile	Furuno FAX 408
Dynamic position system	DPS-2, Kongsberg, K-POS DP-21 and Cjoy
Reference system 1 & 2	DGPS DPS 110
Reference system 3	Cyscan
Reference system 4	Radascan

DECK EQUIPMENT

Tugger winches	2 x 10 t @ 24m/min
Capstans	2 x 10 t @ 25m/min
Deck crane	1 x SWL 3 t / 10 mt

OTHER EQUIPMENT

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

EXTERNAL FIRE-FIGHTING

FiFi Class 1	2 x 1200 cu m per hr
Monitor	2
Throw x height	120 m x 50 m

LIFE-SAVING EQUIPMENT

Life rafts	total 6, capacity 150 men
Rescue boats	1 x FRC 15 persons SOLAS approved

ACCOMMODATION

Crew accommodation	14
Special personnel	36
Hospital	Yes
Cabins	6 x 1 bed, 22 x 2 beds
Total beds	50

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