

KCM 80M PSV DP-2 - VOS PRIME (3252)



GENERAL

Place of Build	Fujian Southeast Shipbuilding, China
Vessel Type	PSV
Year Built	2015
Flag	Gibraltar
Call Sign	ZDPD7
ERN Number	99.98.87.68
Class	RINA
C- OSV - Heavy cargo - Chemical prod. - ORS - Flash point-60C - Fire-fighting ship-1-Water-spraying-Unrestricted Navigation AUT-UMS; Dynapos AM-R; In-water survey; SPS	

PRINCIPLE DIMENSIONS

Length Overall	80.00 m
Breadth Moulded	18.40 m
Design Draft	6.00 m
Max. Draft	6.35 m
Deadweight (Max. Draft)	3830 t
Gross Tonnage	3548 t
Net Tonnage	1196 t

MACHINERY & PROPULSION

Main Engine	2 x MAK 2400 kW
Propulsion System	Twin CPP rudder propellers/azimuth thrusters
Total power	6500 BHP
Bow Thruster	2 x 12 t (800 kW) electric driven
Main generator	3 x 550 kW diesel driven
Shaft generator	2 x 1,500 kW M/E driven
Emergency generator	130 kW diesel driven

PERFORMANCES

Fuel consumption @ 12 Knots	About 13 mt per day
Fuel consumption @ 10 Knots	About 11 mt per day
Fuel consumption @ 8 Knots	About 8 mt per day
Fuel consumption in port	About 1 mt per day
Fuel consumption in DP mode	About 6 mt per day
Fuel Type	ISO 8217: 2005 DMA or later revisions

CARGO CAPABILITIES

Fresh water	730 m ³ -100 m ³ /hr @ 80 m head
Drill water / W.B.	1721 m ³ -100 m ³ /hr @ 80 m head
Fuel Capacity (100%)	860 m ³ - 150 m ³ /hr @ 80 m head
Liquid Mud / Brine / ORO	817 m ³ - 2 x 75 m ³ /hr @ 80 m head
Dry Bulk	228 m ³ - 20 m ³ /min (compressors)
Methanol	175 m ³ - 50 m ³ /hr @ 80 m head
Foam	27 m ³
Detergent	27 m ³
Clear deck space	750 m ²
Deck Cargo	1500 t
Deck Loading	7 t/m ²
Fresh Water Maker	2 x 10 t per day

COMMUNICATIONS EQUIPMENT

HF Radio	1 x Furuno Model RC-1800T
VHF Radio	1 x Furuno FM-8800S
Portable two-way VHF	3 x McMurdo model R2 GMDSS
Satellite EPIRB	1 x McMurdi model SMARTFINDE5
Navtex Receiver	1 x Furuno NX-700A (GMDSS)
SART	McMurdo S4 rescue SART
Automatic Identification System (AIS)	1 x Furuno FA-150

POSITIONING REFERENCE SYSTEM

Radar No. 1	1 x Furuno FAR-2117-D, X-band
Radar No. 2	1 x Furuno FAR-2137S-D, S-band
GPS	2 x Furuno, GP-150 MK4 Model
Cyscan	1 x Furuno FE-700
Echo Sounder	1 x Anschutz Pilot Star D
Auto Pilot	3 x Anschutz Gyro Compass
Gyro Compass	1 x Magnetic Compass standard 22
Magnetic Compass	Kongsberg cJoy system
Joystick Control	1
ECDIS	Kongsberg DPS-2
Dynamic Positioning	DGPS DPS 110
Reference System 1	DGPS DPS 112
Reference System 2	Cyscan
Reference System 3	

DECK MACHINERY

Deck Crane	3 t SWL @ 10 m
Tuggers	2 x 10 t @ 24 m/min
Capstans	2 x 10 t @ 25 m/min

LIFE SAVING APPARATUS

Life rafts	6 x 25 man and 2 x 5 man
Rescue Boat	1 x 6 man rescue boat with 25HP OBM
Scrambling Nets	1 on each side of rescue zone

EXTERNAL FIRE FIGHTING

Capacity	FiFi Class 1 - 2400 m ³ per hr
Monitor	2 x 1200 m ³ per hr
Throw length/height	120 m / 50 m

ACCOMMODATION

Passengers	38
Crew	14
Total	52
Hospital	yes

This technical specification sheet is subject to change without notice. Whilst every effort has been made to ensure the accuracy of the information presented. No guarantees of accuracy can be given. For enquiries, kindly email us at chartering@it.vroonoffshore.com