

# KCM 80m PSV DP2 - VOS PRINCIPLE (3257)



## GENERAL

Place of Build	Fujian Southeast Shipyard, China
Vessel Type	PSV
Year Built	2016
Flag	Gibraltar
Call Sign	ZDPO5
ERN Number	99.98.87.68
Class	RINA

C\* - OSV - Heavy CargoGreen - Chemical Product - ORS -Flash Point 60 C

Fifi Ship 1 - 1 water Spraying -Unrestricted Navigation

AUT UMS -Dynapos AM/AT R-Green Plus-SPS-INWATERSURVEY

## 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 m3-100m3/hr @ 80m head
Drill water / W.B.	1721 m3-100m3/hr @ 80m head
Fuel Capacity (100%)	860 m3 - 150m3/hr @ 80m head
Liquid Mud / Brine / ORO	817 m3-2 x 75 m3/hr @ 80m head
Dry Bulk	228 m <sup>3</sup> - 20m3/min (compressors)
Methanol	175 m3 - 50m3/hr @ 80m head
Foam	27 m <sup>3</sup>
Detergent	27 m <sup>3</sup>
Clear deck space	750 m <sup>2</sup>
Deck Cargo	1500 t
Deck Loading	7 t/m <sup>2</sup>
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
Echo Sounder	1 x Furuno FE-700
Auto Pilot	1 x Anschutz Pilot Star D
Gyro Compass	3 x Anschutz Gyro Compass
Magnetic Compass	1 x Magnetic Compass standard 22
Dynamic Positioning	Kongsberg DPS-2
Joystick Control	Kongsberg cJoy system
ECDIS	1

## DECK MACHINERY

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

## LIFE SAVING APPARATUS

Liferafts	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	ABS Fifi Class 1 - 2400 m <sup>3</sup> per hr
Monitor	2 x 1200 m <sup>3</sup> 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](mailto:chartering@it.vroonoffshore.com).