

80M 4000DWT PSV

GENERAL DATA

Year build	
Builder	GUANGZHOU HANGTONG SHIPBUILDING AND SHIPPING CO.LT
Vessel Type	PSV
Classification	ABS
Class Notation	ABS+A1(E),Offshore Support Vessel (Supply-HNLS, FFV1, OSR- C2) + AMS +ACCU +DPS-2, SPS

MAIN DIMENSIONS

Length Overall	79.6M
Breadth Moulded	18.4M
Depth Moulded	7.8M
Designed Draft	6.45M
Dead weight	4000T

PERFORMANCE

Economic Speed	13.5 Knots
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CARGO CAPACITIES

P. Water	795M ³
D./B Water	1735M ³
Diesel Oil	860M ³
Dry Bulk Cement	226M ³
Liquid Mud / Recovered Oil/ Brine	890M ³
Methanol	195M ³

DISCHARGING RATES

Fuel Oil Cargo Pump	2x 150m ³ /h @ 75 m head
Fresh Water Cargo Pump	1x 150m ³ /h @ 75.2 m head
Drill Water Pump	1x 150m ³ /h @ 75 m head
Mud Pumps	2 x 75m ³ /h @ 80 m head
Methanol Pumps	2 x 75m ³ /h @ 75 m head

ACCOMMODATION

6 x 1 Single Berth Cabins	6 men
27 x 2 Double Berth Cabins	54 men
Total	60 men

SAFETY & FIFI & ANTIPOLLUTION EQUIPMENT

Life Raft	6×25 Person
Fire Monitors (Water/Foam)	1 x 1200m ³ /h @10bar + 1 x 1200/300 m ³ /h @10bar
Fire Pumps	2 x 1800 m ³ /h @12bar
Sewage Treatment Plant	Chngqing Taiko: 1 x 65 men/day



MACHINERY & PROPULSION

Propellers	Azimuth Thrusters Schottel: 2 x 1950kw/0 ~ 1200rpm F.P.
Main Generators	ABB: 2 x 0~1900kw/0~1200rpm 0~690V/0~60.5HZ
Emergency Generator	Caterpillar C9: 1 x 238kw/1800rpm 440V/60HZ/3P
Bow Thruster	Wuhan Kawasaki: 2x 11.9t C.P. 690V/60Hz/3P

NAVIGATION & COMMUNICATION DP SYSTEM

X-Band Radar	Furuno FAR-2117
S-Band Radar	Furuno FAR-2137S
GPS	GP-150
ECDIS	Furuno FMD-3200
Echo Sounder	Furuno FE-700
Magnetic Compass	Lilley & Gillie MK2000
Electronic Compass	Anschutz Standard 22
Electronic Chart System	ECDIS FMD-3300

DECK EQUIPMENT

Tugger Winches	2 x 15 t @ 0-15m/min
Capstans	2 x 10 t @ 0-15m/min
Deck Crain	Jiangsu Haitai: 1 x 3 t /12m
Anchor Windlass	1 x 13 t @ 0-12m/min for φ 48mm (U2)

DP SYSTEM

DP 2	Kongsberg
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