

STANFORD HOBBY

5000 BHP DP 2 Diving Support Vessel



PRINCIPAL PARTICULARS:

Built	:	2011
Class	:	Det Norske Veritas
Notation	:	1A1 Offshore Service Vessel Supply DPS 2
Flag	:	Liberia
IMO	:	9570979
Official No.	:	16737
Call Sign	:	D5GG8
MMSI	:	636016737

DIMENSIONS:

Length Overall	:	65.50 m
Length Waterline	:	63.40m
Breadth Moulded	:	16.00m
Depth Moulded	:	7.49m
Draft (max)	:	4.50m
GRT/NRT	:	2499 / 749
Light Weight	:	1794.94 mt

PERFORMANCE:

Max Speed	:	12.5 knots
Service Speed	:	10 knots
DP2 Usage	:	15m3 / 24 hours
Type of Fuel	:	18m3 / 24 hours

CAPACITIES:

Deadweight	:	1297 mt
Deck Cargo	:	400 mt
Deck Strength	:	5.0 mt/m2 uniform loading
Clear Deck Area	:	530 m2
Portable Water	:	600 m3
Fuel Oil	:	580 m3 / 493 mt
Ballast / Drill Water	:	400m3
Dry Bulk Cargo	:	165m3
Freezer / Chiller	:	10m3 / 10m3

PUMPS WITH DISCHARGE RATE:

Fresh Water	:	1 x 100m3 / hr @ 70m head
Drill Water	:	1 x 100m3 / hr @ 70m head
Cargo Oil	:	1 x 100m3 / hr @ 70m head
Bilge / Ballast	:	1 x 65m3 / hr @ 60m head
GS / Fire Pump	:	1 x 75 m3 / hr @ 50 head
Bulk Cement	:	2 x 20m3 / min @80 m psi air compressor

MISCELLANEOUS:

Rescue Boat	:	1 x 6 men semi-rigid inflatable c/w outboard motor
Oily Water Separator	:	1 x 1m3/hr c/w 15ppm alarm
Water Maker	:	2 x 10m3/day reverse osmosis
Sewage Treatment Plant	:	1 x 65 me

MACHINERY SYSTEM:

Main Engines	:	2 x 1864(kW); 2 x 2500 BHP Niigata
Main Generator	:	4 x 470kW c/w alternator rated at 320kW 445Vac 3ph 60Hz caterpillar
Emergency Generator	:	1 x 150kW rated at 440Vac 3ph 60 Hz
Shaft Alternator	:	2 x 900kW rated at 440Vac 3ph 60 Hz
Bow thruster	:	2 x Elec-driven tunnel type (CPP); 10mT thrust
Propulsion	:	2 x Z-drive type (CPP) system

DECK EQUIPMENT:

Anchor Windlass	:	1 x 12mt Elec-Hyd; 0 to 10m/min. c/w 2 x warping drum 380mm (Dia) x 450mm (L)
Tugger Winch	:	1 x 10 MT Elec-Hyd;1 -15m/min,250m x 25mm(Dia) wire
Capstans	:	2 x 5 (MT); elec-hyd; 400m (Dia), 0 to 15m/min
Bow Anchor	:	2 x 1845 kg AC -14 HHP anchors
Chains	:	235m (L) x 44mm (Grade U2) each side
Subsea crane	:	1 x 20mt @ 10m Elec-Hyd Knuckleboom type offshore subsea crane
Deck Crane	:	1 x3 MT@1.7m Elec-hyd
Moonpool	:	1 x 4.5m x 4.5m

VESSEL INTEGRATED AIR DIVE SYSTEM:

60' twin lock air dive chamber ,3 diver air dive panel built into dedicated compartment with plug and play connections for umbilicals, air supplies and power.

ACCOMMODATION:

Number of Person	:	74 Persons
		4 x One Man Cabins = 4
		23 x Two Men Cabins = 46
		6 x Four men cabins = 24
Hospital	:	1 x 2 berth Cabin

NAVIGATION/COMMUNICATION EQUIPMENT:

GMDSS Area 3 Comprising	:	1 x Radar x band, 1 x S band
1 x SSB with built in DSC	:	1 x Echo Sounder of 0-800m
2 x INMARSAT C; one combined with SSAS	:	1 x GPS
2 x VHF radio with buit in DSC	:	2x DGPS
1 x Navtec receiver	:	3 x Gyrocompass
2 x SART	:	1 x Autopilot
1 x EPIRB	:	1 x Magnetic compass 1 unit
3 x Portable VHF Radios	:	1 x Weather fax
	:	1 x Speed log
	:	1 x AIS

DP System Location: Bridge Aft,
Kongsberg DP2 standard with sensors
Kongsberg joystick, Backup DP System: UPS
3 x gyrocompass
3 x wind sensors
3 x motion response unit References
1 x hydrocoustic unit
1 x taut wire Vingtor PA talkback system
Batteryless telephones, Cyscan, CCTV

FIRE-FIGHTING EQUIPMENT:

Emergency Fire Pump	:	1 x 55m3/hr @ 60m head
BA Recharging Comp	:	1 x 260 lt/min @ 300 bar
CO2 System in engine room	:	
Fire detection & alarm system in living spaces & engine room	:	