

M.V. STANFORD HOBBY

5000 BHP DP2 Diving Support Vessel



STANFORD MARINE



PRINCIPAL PARTICULARS:

Design	:	923
Class (DNV)	:	1A1 Offshore Service Vessel DPS(2) Add. Notation Acc. SPS Certificate Diving Support Vessel
Flag	:	Liberia
IMO	:	9570979
Official No.	:	16737
Call Sign	:	D5GG8
MMSI	:	636016737
GRT/NT	:	2499/749

DIMENSIONS:

Length Overall	:	65.59m
Length Waterline	:	62.90m
Breadth Moulded	:	16m
Depth Moulded	:	6m
Draft (max) Nav.	:	5.15m
Draft Summer (LL)	:	4.5m
Light Weight	:	1826.96MT
Deadweight	:	1297MT
Deck Cargo	:	400 MT
Clear Deck Area	:	530 M2
Deck Strength	:	5MT/M2

PERFORMANCE:

Max Speed	:	12 knots
Service Speed	:	10 knots

CAPACITIES:

Fuel Oil	:	540m3 / 460MT
Fresh Water	:	730 m3
Drill/Ballast Water	:	312m3
Dry Bulk	:	168m3
Freezer / Chiller	:	14m3 / 14m3
Dry Store	:	35m3

PUMPS WITH DISCHARGE RATE:

Fuel Oil	:	1 x 100m3 / hr @70m head
Fresh Water	:	1 x 100m3 / hr @70m head
Drill Water	:	1 x 100m3 / hr @70m head
Bilge / Ballast	:	1 x 65m3 / hr @60m head
Bulk Cement	:	2 x 20m3 / min @6kg/cm2

MISCELLANEOUS:

Rescue Boat	:	1 x 6 men rigid type c/w diesel outboard motor
Oily Water Separator	:	1 x 1m3/hr c/w 15ppm alarm
Sew. Treatment Plant	:	1 x 74 men

ACCOMMODATION:

Number of Person	:	74 Persons (max POB 60 acc SPS) 4 x One Man Cabins = 4 23 x Two Men Cabins = 26 6 x Four men cabins = 24
Hospital	:	1 x 2 berth Cabin

MACHINERY SYSTEM:

Main Engines	:	2 x 1838 kW ; 2 x 2500 BHP Niigata
Main Generator	:	4 x 620 kW Caterpillar with alternator rated at 500kW 400Vac 3ph 60Hz
Emergency Generator	:	1 x 150kW rated at 440Vac 3ph 60Hz
Shaft Alternator	:	2 x 900kW rated at 440Vac 3ph 60Hz
Bow Thruster	:	2 x 600 kW Kamome, elec-driven tunnel type (CPP), 10T Thruster
Propulsion	:	2 x Z-drive type (CPP) system

DECK EQUIPMENT:

Anchor Windlass	:	1 x 12T 10m/min Elec-Hyd. c/w 1 x Rope Drum & 2 x Wrapping ends 380mm (dia)
Capstans	:	2 x 5T 15m/min elec-hyd; 400mm (dia)
Bow Anchor	:	2 x 2110 kg HY – 14 HHP anchors
Chains	:	Port 220m (L) x 44mm, Starboard 247.5m(L) x 44mm
Crane	:	Main Hook: 20T @ 10 m, 10T @ 15 m, 1.5T @ 20 m Aux. Hook: 3T @ 15 m, 1.5T @ 20 m Aux. Hook (Man Ride): 1.5T @ 15 m Elec-Hyd Knuckleboom Type
Moonpool	:	1 x 4.6m x 3.8m

DYNAMIC POSITIONING SYSTEM:

DP – 2 (Kongsberg)	:	K-Pos 21 + independent C-Joy 3 x gyrocompass, Anschutz Std 22 3 x wind sensors, Gill Wind Observer II ultrasonic 3 x MRU, Seatex Model D&S 2 x DGPS, VERIPOS 1 x HPR, Kongsberg HiPAP 500 1 x Taut wire, Bandak LTW Mk 15B, 1 x Cyscan, GUIDANCE NAVIGATION
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NAVIGATION/COMMUNICATION EQUIPMENT:

GMDSS Area 3 Comprising	1 x Radar X band,	1 x SVDR
1 x SSB with built in DSC	1 x S band	1 x ECDIS
2 x INMARSAT C; one com. w/	1 x Echo Sounder / 0-800m	1 x CCTV
SSAS, one with LRIT	2 x GPS	system
2 x VHF radio with DSC	3 x Gyrocompass	1 x VSAT Int.
1 x Navtex receiver	1 x Autopilot	(Crew&Client)
2 x SART	1 x Magnetic compass	1 x Thuraya
1 x EPIRB	1 x Speed log 1 x AIS	(SAT Phone)
3 x Portable VHF Radios	1 x BNWAS	

FIRE FIGHTING EQUIPMENT:

GS / Fire Pump	:	1 x 75 m3 / hr @ 50 head
Emergency Pump	:	1 x 35m3/hr @ 60m head
BA Recharging Pump	:	1 x 260 lt/min @300 bar
CO2 System for ER & BT		
Fire Detection & Alarm System in living spaces & ER		
Water Mist System for Mes and DGs		