

M.V. STANFORD BRAVO

5150 BHP Anchor Handling / Supply Vessel (DPS 1)



STANFORD MARINE



PRINCIPAL PARTICULARS:

Year Built	: 2008
Class	: BV – Supply Vessel Fie Fighting Ship Anchor Handling, 1-Water Spraying Unrestricted Navigation
Flag	: Panama
IMO No.	: 9536545
Call Sign	: 3E2749
Official No.	: 53908-23-A
GRT/NRT	: 1627 / 488

DIMENSION:

Length Overall	: 58.70 m
Breadth Moulded	: 14.60 m
Depth Moulded	: 5.50 m
Draft (Max)	: 4.50 m

PERFORMANCE:

Maximum Speed	: 12 knots
Economical Speed	: 10 knots

CARGO CAPACITIES:

Deadweight	: 1320.6 MT
Deck Cargo	: 400 T
Deck Strength	: 7 MT/M2 uniform loading
Clear Deck Area	: 370 m2
Fuel Oil	: 980 m3
Fresh Water	: 228 m3
Ballast/Drill water	: 226 m3
Cement Tank	: 187 m3 (4 x 1650 ft3)
Freezer/chiller	: 6 m3 / 6 m3
Foam / Detergent	: 13 m3 / 13 m3

PUMPS:

Fuel Oil	: 1 x 150 m3/hr @ 75m head
Fresh Water	: 1 x 100 m3/hr @ 75m head
SWB/Drill Water	: 1 x 100 m3/hr @ 75m head
Liquid Mud	: 2 x 70 m3/hr @ 75 head
Bilge/Ballast/Pump	: 2 x 75 m3/hr @ 40m head
GS/ Fire Pump	: 1 x 75 m3/hr @ 40m head
Bulk Cement	: 1 x 13 m3/min @80 psi air compressors

TOWING & ANCHOR HANDLING EQUIPMENT:

Bollard Pull	: 69 MT
Anchor Windlass	: 1 x electro-hydraulic Mentrade
Gypsies	: suit for 40mm (Ø) chains rated pull 9MT @ 12 m/min
Warping Drum	: 40 mm (dia) x 450 mm (L) rated pull 2 MT @ 10 m/min
Bow Anchors	: 2 x 1305 kg HHP anchors
Anchor chain	: 220 m (L) x 40 mm (dia) Grade U2 (each side)
Capstan	: 2 x 5 MT @ 15m/min electro-hydraulic
Towing / AH Winch	: 1 electro-hydraulic double drum
Upper Drum cap (Tow)	: 1000m (L) x 52 mm (Ø) SWR
Lower drum Cap (AH)	: 1000m (10 X 52 MM (Ø) SWR

TOWING & ANCHOR HANDLING EQUIPMENT:

Line Pull	: 150 MT @ 6.0 m/min at 1 st layer 71 MT @ 12 m/min at 1 st layer 23.5 MT @ 36 m/min @ 1st layer
Tugger Winch	: 2 x 10 MT @ 15 m/min electro-hydraulic
Drum Capacity	: 200 m (L) x 22 mm (dia) SWR
Stall Pull	: 165 MT @ 1 st layer
Brake Capacity	: 200 MT static @ 1 st layer Remote Control from aft control stand in wheelhouse
Stern Roller	: 5.00 m (L) x 1.60 m (dia) SWL 200 MT
Shark Jaws	: 1 x electro-hydraulic Karmfork - SWL 200 MT
Tow Pins	: 2 x electro-hydraulic with turntable top flaps
Rope Reel	: 1 x electro-hydraulic Men trade suit for 1000 m (L) x 56 mm (dia) SWR
Deck Crane	: SWR 8.3T @ 3.0M

PROPULSION SYSTEM:

Main Engines	: 2 x 1920 kw (2575 BHP) @ 1600rpm Cat 3516B
Main Generators	: 3 x 350 kw @ 1500 rpm / 415
Emergency Generator	: 1 x 65 kw @ 1800 rpm / 415V / 3Ph / 50Hz CAT.CA.4 DITA
Bow Thruster	: 1 x 515 kw electric driven Kawasaki KT- 72B1 tunnel type (CPP): 5T thrust
Steering Gear	: 2 x Kobelt; 4.3Tm; 35deg
Propulsion	: 2 x CPP in kort Nozzles: ZF
Rudders	: 2 x high performance streamline type

DYNAMIC POSITIONING SYSTEM:

DP – 1 (Kongsberg)	: 1 x K-Pos DPC-1 Controller Cabinet 1 x K-Pos OS Operator Station 1 x cJoy, cC-1 Controller Cabinet 1 x cJoy, OT Operator Terminal 1 x Printer, OKI
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RADIO AND NAVIGATION EQUIPMENT:

GMDSS (Area 3)	: 1 x SSB
2 x Inmarsat C (1 for SSAS & for LRIT)	: 2 x VHF Radio (Fwd & Aft Console)
1 x Navtex Receiver	: 2 x SART
1 x EPIRB	: 3 x Portable VHF Radios
2 x Radar (X-Band & S-Band Radar)	: c/w (3 spares battery)
1 x Echo Sounder	: 1 x Weather Fax (Not in use)
1 x GPS	: 1 x Gyrocompass
1 x Autopilot	: 1 x Speed Log
2 x Wind Indicator (Fwd & Aft Console)	: 1 x AIS

Vessel also fitted with Vingtor PA Talkbalk System @& Self Powered Telephones.

ACCOMMODATION:

Berths	: 4 x 1 berth cabins = 4 1 x 2 berth cabins = 2 13 x 4 berth cabins= 52
Hospital	: 1 berth cabin

MISCELLANEOUS:

Life Rafts	: 8 x 25 men SOLAS approved type
Rescue Boat	: 1 x 6 men inflatable c / w outboard motor
Oily Water Separator	: 1 x 1 m3/hr c/w 15 ppm alarm
Sewage Treatment	: 1 x 65 men

FIRE FIGHTING EQUIPMENT & ANTI-POLLUTION EQUIPMENT:

Fifi System	: Class 1 with water curtain all around
Fire Pump	: 2 x 1500 m3/hr @ 13 bar, FFS driven by front PTO of M/E
Monitors – (water-Foam)	: 2 x 1200 m3/hr, FFS
Emergency Fire Pump	: 1 x 25 m3/hr @ 4.5 bar
BA Recharging Comp	: 1 x 75 ltrs/min @ 200 bar; CO2 system in engine room