STANFORD BRAVO

5150 BHP Anchor Handling / Supply Vessel (DPS 1)

MARITIME SERVICES & CHARTERING



PRINCIPAL PARTICULARS:

Year Built	:	2008
Length Overall	:	58.70 m
Breadth Moulded	:	14.60 m
Depth Moulded	:	5.50 m
Draft (Max)	:	4.50 m
GRT/NRT	:	1627/488
Class	:	BV – Class 1, Hull, Mach, Tug, Supply
Flag (Port Registry)	:	Labuan, Malaysia
Call Sign	:	9WNI7
IMO #	:	9536545

PERFORMANCE:

Maximum Speed	:	13 knots
Economical Speed	:	10 knots
Fuel Consumption	:	19 m3/24 hours @ 100% MCR 12 m3/24 hours @ 85% MCR

CARGO CAPACITIES:

Deadweight	:	1350 mt
Deck Strength	:	7 mt/m2 uniform loading
Clear Deck Area	:	340 m2
Fuel Oil	:	721 m3
Fresh Water	:	228 m3
Ballast/Drill water	:	226 m3
Liquid Mud	:	259 m3
Cement Tank	:	187 m3 (4 x 1650 ft3)
Freezer/chiller	:	10 m3 / 10 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
Oil Dispersant System	:	2 x 6 m booms c/w 6 nozzles each

TOWING & ANCHOR HANDLING EQUIPMENT:

Bollard Pull	:	68 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 56 mm (Ø) SWR
Lower drum Cap (AH)	:	1000m (l0 X 56 MM (Ø) SWR

TOWING & ANCHOR HANDLING EQUIPMENT:

Line Pull	:	150 mt @ 6.0 m/min at 1st layer 71 mt @ 12 m/min at 1st 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 @ 1st layer
Brake Capacity	:	200 mt static @ 1st 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	:	8.5T @ 3.5M

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): 6T thrust
Steering Gear	:	2 x Kobelt; 4.3Tm; 35deg
Propulsion	:	2 x CPP in kort Nozzles: ZF
Rudders	:	2 x high performance streamline type

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 Consule)	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 Total 58 men
Hospital	:	1 x 1x berth cabin = 1 x Berth

MISCELLANEOUS:

Life Rafts	:	6 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
Water Maker	:	1 x 5 m3/day reverse Osmosis
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

Maritime Services & Chartering : Office # 208, Economic Group Building, Al DiffafStreet, Al Saad, Post Box 32102, Doha, State of Qatar
(+974 4498 7990 | +974 4493 5524 | : charter@msc-qatar.com | www.msc-qatar.com