

M.V. STANFORD MUSTANG

4800 BHP Anchor Handling Tug DPS-2, FiFi 1



PRINCIPAL PARTICULARS:

Year Built	: 2014
Call sign	: J8B5029
Official No.	: 11502
IMO No.	: 9685956
Flag	: St. Vincent & Grenadines
Class	: ABS + A1(E) Offshore Support Vessel (AH, FFV Class 1, TOW), + AMS + DPS-2 + SPS
GRT/ NRT	: 1354 / 427

DIMENSION:

Length Overall	: 50 m
Breadth Moulded	: 15 m
Depth Moulded	: 6.75 m
Summer Draft	: 5.6 m

SPEED:

Max. Speed	: 13 knots
Economical Speed	: 10 knots

CAPACITIES:

Fuel Oil	: 548 m ³ approx.
Fresh Water	: 500 m ³ approx.
Drill Water	: 629 m ³ approx.
Foam	: 4 m ³ approx.
Clear Deck Area	: 215 m ²
Deck Strength	: 5 MT/m ²
Deadweight	: 1487 MT

PUMPS:

Cargo Fuel Oil	: 1 x 100 m ³ /hr
Cargo Fresh Water	: 1 x 100 m ³ /hr
Gen Service Pump	: 1 x 40 m ³ /hr
FO Transfer Pump	: 1 x 15 m ³ /hr
Bilge Pump	: 1 x 100 m ³ /hr

MACHINERY:

Main Engines	: 2 X 2400 bhp (2 x 1800 kw)
Total BHP	: 4800 BHP
Bow Thruster (CPP)	: 2 x 450 kw tunnel thrusters
Azimuth Thrusters	: 2 x 1800 kw
Main Generators	: 4 x 410 kw
Emergency Generator	: 1 X 100 kw

TOWING & ANCHOR HANDLING EQUIPMENT:

Bollard Pull	: 60.2 MT
Drums	: 2
Drum 1 Capacity	: 1000 m x 52 mm
Drum 2 Capacity	: 1000 m x 52 mm
Line Pull @ 1 st Layer	: 75 MT @ 10m/min
Stern Roller	: 4500 mm (L) x 2165 mm (DIA) – 150 T SWL
Bow Anchors	: 2 x 1270 kg HHP anchors
Capstan	: 2 x 5 MT
Brake Holding	: 150 MT (Capacity Winch)
Shark Jaws	: 1 x hydraulically driven; 150 MT
Tow Pins	: 1 pair x hydraulically driven; 150 MT
Tugger Winch	: 2 x 10 MT
Towing/AH Winch	: 1 x Electro-hydraulic driven (Promoter hydraulic Pte Ltd.)
Crane	: 2 MT @ 10m (electro-hydraulic driven)

RADIO AND NAVIGATION EQUIPMENT :

GMDSS	: (Area 3)
Magnetic Compass	: 1 no.
Autopilot	: 1 no.
Doppler Log	: 1 no.
Echo Sounder	: 1 no.
X-band ARPA Radar	: 1 no.
S-band ARPA Radar	: 1 no.
GPS Receiver	: 1 no.
AIS	: 1 no.
SSAS	: 1 no.
Wind Sensors	: 2 nos.
LRIT	: 1 no. (Long range identification & tracking)
Navtex	: 1 no.
ECDIS	: 1 Set (2 monitors)

DP REFERENCE SYSTEMS:

Gyro Compass	: 3 nos.
DGPS	: 3 nos.
MRU	: 3 nos.
Wind Sensors	: 3 nos.
Cyscan	: 1 no.

FIRE FIGHTING EQUIPMENT:

FiFi System	: Class 1
Fire Pump	: 2 pumps x 1520 m ³ /hr = 3040 m ³ /h
Monitors	: 2 x 1200 m ³ /hr
Foam Monitor	: 300 m ³ /hr

LIFE SAVING & OTHERS:

Life rafts	: As per Solas
Rescue Boat	: 1 x fast rescue boat with davit

ACCOMODATION:

Berths	: 29 Bunks
1 Man Cabin	: 3
2 Men Cabin	: 9
4 Men Cabin	: 2
Hospital	: 1 bed
All cabin fully Air-conditioned	