

STANFORD MUSTANG

4800 BHP ANCHOR HANDLING TUG DPS-2, FiFi 1



PRINCIPAL PARTICULARS:

Year Built	: 2014
Call sign	: J885029
Official No.	: 11502
IMO No.	: 9685956
Flag	: St. Vincent & Grenadines
Class	: ABS + A1(E) Towing Vessel + AMS + DPS-2 + FFV Class 1
GRT/ NRT	: 1393/442

DIMENSION:

Length Overall	: 50 m
Breadth Moulded	: 15 m
Depth Moulded	: 6.75 m
Design Draft	: 4.60 m
Summer Draft	: 5.6 m

SPEED:

Max. Speed	: 13 knots
Economical Speed	: 10 knots

CAPACITIES:

Fuel Oil	: 480 m ³ approx
Fresh Water	: 360 m ³ approx
Ballast Water	: 230 m ³ approx
Foam	: 11 m ³ approx
Clear Deck Area	: 230 m ²
Deck Strength	: 5 mt/m ²
Deadweight	: 1350 mt

PUMPS:

Fuel Oil	: 2 x 15 m ³ /hr
Fresh Water	: TBA
Water Ballast	: 1 x 40 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 450 kw
Emergency Generator	: 1 X 100 kw

TOWING & ANCHOR HANDLING EQUIPMENT:

Bollard Pull	: 60 mt
Drums	: 2
Drum 1 Capacity	: 1000 m x 64 mm
Drum 2 Capacity	: 1000 m x 64 mm
Line Pull @ 1 st Layer	: 75 mt @ 0-5m/min
Stern Roller	: 4500 mm (L) x 2300 mm (dia) – 200 mt SWL
Bow Anchors	: 2 x 1080 kg HHP anchors
Capstan	: 2 x 5 mt
Brake Holding	: 150 mt
Shark Jaws	: 1 x hydraulically driven; 150 mt
Tow Pins	: 1 pair x hydraulically driven; 150 mt
Tugger Winch	: 2 x 10mt
Towing/AH Winch	: 1 x 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.
Radars	: 2 nos.
X-band ARPA Radar	: 2 nos.
S-band ARPA Radar	: 1 no.
GPS Receiver	: 1 no.
AIS	: 1 no.
SSAS	: 1 no.
Wind Sensors	: 1 no.
LRI	: 1 no. (Long range identification & tracking)
UHF Portable	: 3 nos.
Navtex	: 1 no.
ECDIS according to rules	

DP REFERENCE SYSTEMS:

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

ACCOMODATION:

Berths	: 22
Office	: 1 with seating capacity for 13 pax
Hospital	: 1 bed
All cabin fully Air-conditioned	

FIRE FIGHTING EQUIPMENT:

FiFi System	: Class 1
Fire Pump	: 2 pumps; 2400 m ³ /hr
Monitors	: 2 x 1200 m ³ /hr

LIFE SAVING & OTHERS:

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

CRANE:

2 mt @ 10m (electro-hydraulic driven)