



# M.V. STANFORD MUSTANG

## 4800 BHP DP2 Anchor Handling Tug / FiFi-1

Issued: July 2026, Rev0

### PRINCIPAL PARTICULARS

|             |                                                                                                                                                                                                                                                       |
|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Year Built  | 2014                                                                                                                                                                                                                                                  |
| Builder     | Fujian Mawei                                                                                                                                                                                                                                          |
| Flag        | Saint Vincent and the Grenadines                                                                                                                                                                                                                      |
| Class       | ABS /  , Offshore Support Vessel(AH, FFV 1, TOW),  , AMS, DPS-2, BP 60.24 MT, RW |
| IMO No.     | 9685956                                                                                                                                                                                                                                               |
| Call Sign   | J8B5029                                                                                                                                                                                                                                               |
| Official No | 11502                                                                                                                                                                                                                                                 |
| GRT / NRT   | 1354 / 427                                                                                                                                                                                                                                            |

### DIMENSION

|                 |                    |
|-----------------|--------------------|
| Length Overall  | 50 M               |
| Length BP       | 46.13 M            |
| Breadth Moulded | 15 M               |
| Depth Moulded   | 6.75 M             |
| Draft           | 5.6 M              |
| Lightship       | 1262 MT            |
| Deadweight      | 1487 MT            |
| Displacement    | 2749 MT            |
| Deck Cargo      | 1,350 MT           |
| Clear Deck Area | 230 m <sup>2</sup> |
| Deck Strength   | 5T/m <sup>2</sup>  |

### SPEED

|               |             |
|---------------|-------------|
| Max Speed     | 12.00 Knots |
| Service Speed | 10.00 Knots |

### MACHINERY

|                     |                                                       |
|---------------------|-------------------------------------------------------|
| Main Engines        | 2 x 1800 kW @750 RPM (4800 BHP) Niigata 6L28HX        |
| Propulsion          | 2 x Niigata Z-Pellers, Type ZP-41A Azimuth Thruster   |
| Aux. Generators     | 4 x 485 kW @1800 RPM Cummins KTA19-DM1 440V/ 3Ph/60Hz |
| Emergency Generator | 1 x 100 kW @1800 RPM Cummins QSB7-DM                  |
| Bow Thruster        | 2 x 750 kW KT-72B3 Kawasaki Tunnel Thrusters          |

### DYNAMIC POSITIONING SYSTEM

|                           |                                                                                                                                 |
|---------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| DP Class                  | DP-2                                                                                                                            |
| DP Control System         | Kongsberg K-Pos DP-21 with Kongsberg C-Joy Independent Joystick<br>Sensors:<br>3 x Gyrocompass<br>3 x Wind Sensors<br>3 x MRU D |
| Position Reference System | 2 x DGPS<br>1 x CYScan Mk4                                                                                                      |

### TOWING & ANCHOR HANDLING EQUIPMENT

|                 |                                                              |
|-----------------|--------------------------------------------------------------|
| Bollard Pull    | 60.2 MT                                                      |
| Anchors / Chain | 2 x 1270 kg HHP anchors<br>2 x 34mm dia x 192.5 long 66T SWL |
| Capstan         | 2 x 5 MT electrohydraulic                                    |
| Tugger Winch    | 2 x 10 MT electrohydraulic                                   |
| Towing/AH Winch | 1 x Electro-hydraulic driven                                 |
| Drum Capacity   | 52 mm dia x 1000m L                                          |
| Line Pull       | 75 MT @ 10m/min (1st Layer)                                  |
| Stern Roller    | 4500 mm (L) x 2165 mm (DIA) – 150 T SWL                      |
| Brake Holding   | 150 MT ( Capacity Winch)                                     |
| Shark Jaws      | 1 x hydraulically driven; 150 MT                             |
| Tow Pins        | 1 x hydraulically driven; 150 MT                             |
| Crane           | 2 MT @ 10m radius                                            |

Specifications are provided in good faith, subject to change, and without liability for errors or omissions.

Stanford Marine LLC : 16th Floor, Single Business Tower, Sheikh Zayed Road | P.O. BOX 32456, Dubai, UAE | +971 4 3808001 | +971 4 3808015

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## CAPACITIES

|                |                     |
|----------------|---------------------|
| Fuel Oil       | 548 m <sup>3</sup>  |
| Fresh Water    | 511 m <sup>3</sup>  |
| Drill Water    | 629 m <sup>3</sup>  |
| Lube Oil       | 22 m <sup>3</sup>   |
| Hydraulic Oil  | 12 m <sup>3</sup>   |
| Bilge / Sewage | 13.4 m <sup>3</sup> |
| Foam           | 4 m <sup>3</sup>    |

## PUMPS

|                  |                                       |
|------------------|---------------------------------------|
| Fuel Oil         | 1 x 100 m <sup>3</sup> /hr @ 70m head |
| Fresh Water      | 1 x 100 m <sup>3</sup> /hr @ 90m head |
| Gen Service Pump | 1 x 40 m <sup>3</sup> /hr @ 25m head  |
| FO Transfer Pump | 1 x 15 m <sup>3</sup> /hr @ 25m head  |
| Bilge Pump       | 1 x 100 m <sup>3</sup> /hr @ 25m head |

## ACCOMODATION (Fully Air-Conditioned)

|                |                  |
|----------------|------------------|
| One-man cabin  | 3                |
| Two-men cabin  | 9                |
| Four-men cabin | 2                |
| Total          | 29 Bunks         |
| Hospital       | 1 no. with 1 bed |

## AUXILIARY EQUIPMENT

|                            |                                          |
|----------------------------|------------------------------------------|
| Sewage Treatment Plant     | 30 POB / 1 x 1.75m <sup>3</sup> /day     |
| Oily Bilge Water Separator | 1 x 1 m <sup>3</sup> /hr c/w 15ppm alarm |

## LIFE-SAVING APPLIANCES

|                  |                                |
|------------------|--------------------------------|
| Fast Rescue Boat | 1 x 15-person with davit       |
| Life Rafts       | 6 x 25-person<br>2 x 10-person |
| Life Jackets     | 69 nos.                        |
| Life Buoys       | 10 nos.                        |

## NAVIGATION & COMMUNICATION EQUIPMENT

|                   |                                            |
|-------------------|--------------------------------------------|
| GMDSS: A1, A2, A3 |                                            |
| GPS               | 1 X NSR NGR-3000<br>1 x KODEN KGP-913D     |
| Radar             | 1 x 9 GHz X-Band<br>1 x 3 GHz S-Band       |
| ARPA              | 2 x Furuno MU190                           |
| AIS               | 1 x Furuno FA150                           |
| VHF Radio         | 2 x ICOM IC-M304                           |
| VHF DSC           | 2 x Furuno FM-8900S-Receiver               |
| MF/HF Radio       | 1 x Furuno FS-2575C                        |
| NAVTEX            | 1 x Furuno NX-700                          |
| Echo Sounder      | 1 x Furuno FE-700                          |
| Gyro Compass      | 1 x SIMARD GC-80/85<br>2 x ANSCHUTZ STD-22 |
| Magnetic Compass  | 1 x Cassens & Plath                        |
| Speed Log         | 1 x Furuno DS 600                          |
| EPIRB             | 1 x Jotron Tron 60S                        |
| SART              | 2 x Jotron Tron SART 20                    |
| Portable VHF      | 3 x Jotron TR-20<br>6 x Entel HT544 IS     |
| BNWAS             | 1 x Furuno BR510                           |
| LRIT              | 1 x Furuno FELCOM 18                       |

## FIRE FIGHTING SYSTEM

|                 |                                        |
|-----------------|----------------------------------------|
| FiFi System     | Class 1                                |
| Fire Pump       | 2 x 1520 m <sup>3</sup> /hr @ 45m head |
| Monitors        | 2 x 1200 m <sup>3</sup> /hr            |
| Foam Monitor    | 300 m <sup>3</sup> /hr                 |
| Fireman Outfits | 2 nos. complete set                    |

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