

# STANFORD CHALLENGER

Anchor Handling / Towing / Supply Fire Fighting-1 Vessel



## GENERAL:

|              |   |                          |
|--------------|---|--------------------------|
| Built        | : | 2004                     |
| Flag         | : | St. Vincent & Grenadines |
| Class        | : | Bureau Veritas           |
| Call Sign    | : | J8B4140                  |
| Official No. | : | 10613                    |
| IMO No.      | : | 9324241                  |

## DIMENSIONS:

|                  |   |            |
|------------------|---|------------|
| Length Overall   | : | 59 M       |
| Length Waterline | : | 56.5M      |
| Breadth Moulded  | : | 14.60M     |
| Depth Moulded    | : | 5.50M      |
| Max Draft        | : | 4.80M      |
| Deadweight       | : | 1459Tonnes |
| GRT              | : | 1470       |
| NRT              | : | 441        |

## PERFORMANCE:

|                  |   |          |
|------------------|---|----------|
| Max Speed        | : | 12 Knots |
| Economical Speed | : | 10 Knots |

## CARGO CAPACITIES:

|                        |   |                   |
|------------------------|---|-------------------|
| Deck Strength          | : | 7 T/M2            |
| Clear Deck Area        | : | 354M2             |
| Fuel Oil               | : | 476M3             |
| Fresh Water            | : | 239M3             |
| Drill / Ballast Water: | : | 405M3             |
| Liquid Mud             | : | 254M3             |
| Cement Tank            | : | 4 x 46.72 M3 Each |
| Freezer / Chiller      | : | 12M3              |
| Foam                   | : | 13M3              |
| Detergent              | : | 13M3              |

## DISCHARGE RATES:

|                  |   |                         |
|------------------|---|-------------------------|
| Fuel Oil         | : | 1 x 150M3/hr @ 75M head |
| Fresh Water      | : | 1 x 100M3/hr @ 75M head |
| Mud Pump         | : | 1 x 70M3/hr @ 75M head  |
| Drill Water Pump | : | 1 x 100M3/hr @ 75M head |

## ACCOMMODATION:

|                |   |          |
|----------------|---|----------|
| Berths         | : | 42 Bunks |
| Hospital       | : | 1 Berth  |
| One man cabin  | : | 2        |
| Two men cabin  | : | 2        |
| Four men cabin | : | 9        |

## PROPULSION:

|                |   |                                  |
|----------------|---|----------------------------------|
| Main Engines   | : | 2 x 2375 BHP = 4750 BHP          |
| Main Generator | : | 3 x 315Kw/415V/3ph/50Hz          |
| Bow Thruster   | : | 1 x 315Kw tunnel unit, 5T Thrust |
| Steering Gear  | : | 2 x 35 degree - 6 MT             |
| Propulsion     | : | 2 x CPP Type with Kort Nozzle    |
| Rudders        | : | Conventional                     |

## DECK EQUIPMENT:

|              |   |   |
|--------------|---|---|
| Windlass     | : | 10T @ 9m/min for 38mm Ø chain<br>W/2 cable lifter & 2 warping drums |
| Bow Anchors  | : | High-holding type anchors 1305 Kg                                   |
| Chains       | : | 440m x 38mm Ø Grade U3 stud link                                    |
| Capstan      | : | 2 x 5 tonnes @ 15m/ per minutes                                     |
| Tugger Winch | : | 2 x 10 tonnes @ 15m/ per minutes                                    |
| Crane        | : | Telescopic Crane,<br>7t @ 4 m / 5T @ 15m                            |

## TOWING & ANCHOR HANDLING EQUIPMENT:

|  |   |                                      |
|--|---|--------------------------------------|
| Bollard Pull   | : | 65 metric tonnes                     |
| Tow Drum (upper drum)                                | : | 1000m x 56 mm wire rope              |
| Anchor Handling                                      | : | 1000m x 56 mm wire rope (lower drum) |
| Braking capacity                                     | : | 200 tonnes                           |
| First Layer  | : | low speed 150T @ 6m/min              |
| Mid Speed  | : | 71T @ 12m/min                        |
| High Speed   | : | 23T @ 36m/min                        |
| Stern Roller   | : | 1.6m Ø & 5m long W/SWL 200T          |
| Shark Jaws (1 no)                                    | : | Hydraulic operated type SWL 200T     |
| Tow Pins (1 pair)                                    | : | Hydraulic operated type SWL 200T     |
| Remote controls from aft control stand in Wheelhouse | : |                                      |

## NAVIGATIONAL EQUIPMENTS:

|                            |   |                      |
|----------------------------|---|----------------------|
| GMDSS Area 1+2+3           | : | 2 x Echosounder      |
| 1 x Furuno X-Band Radar    | : | 2 x GPS Navigator    |
| 1 x MF/HF Radio            | : | 1 x Gyrocompass      |
| 2 x Semi Duplex Marine VHF | : | 1 x Magnetic compass |
| 3 x GMDSS VHFF             | : | 1 x Navtex receiver  |
| 2 x Inmarsat C             | : | 1 x Weather Fax      |
| 3 x VHF Radio              | : | 1 x Speed Log        |
| 1 x Satellite EPRIB        | : | 1 x Autopilot        |
| FBB 150                    | : | 2 x SART             |

## FIRE FIGHTING (FiFi 1):

|           |   |                        |
|-----------|---|------------------------|
| Fire Pump | : | 320 m3/Hr @ 21 bar     |
| Monitors  | : | 2 x 1200m3/hr @ 12 bar |

## OTHERS:

|                                     |   |                                |
|-------------------------------------|---|--------------------------------|
| Water Maker                         | : | 1 x 5 tons/day Reverse Osmosis |
| Sewage Treatment                    | : | 1 x 42 man/day                 |
| Oily Water Separator                | : | 1 x 1M3/hr (MARPOL Standard)   |
| Emergency Genset                    | : | 1 x 52 Kw/415V/3Ph/50Hz        |
| Electrical BA Recharging Compressor | : | 75lir/min @ 200 bar            |
| Life Rafts                          | : | 6 x 25 men SOLAS               |
| Air Breathing App                   | : | 4 sets                         |
| FRC                                 | : | 15 pax (Diesel engine)         |