



- 3) External Fire-fighting;
- 4) Rescue;
- 5) Offshore platform towing / pushing;
- 6) Anchor handling
- 7) Spilled oil recovery.

## 2 CLASS

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ABS +A1(E) OFFSHORE SUPPORT VESSEL (AH, SUPPLY-HNLS, TOW) OSR-C1 +AMS + DPS-2  
FFV 1, SPS CODE UWILD UNRESTRICTED SERVICE

## 3 MAIN PARTICULARS

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|                     |  |
|---------------------|--|
| Loa                 | 65.00 m  |
| Lbp                 | 58.50 m  |
| Breadth moulded     | 16.00 m  |
| Depth               | 6.20 m   |
| Draft designed      | 5.00 m   |
| Accommodation       | 8 x 1 berth cabins: 8 men                              |
|                     | 5 x 2 berth cabins: 10 men                             |
|                     | 8 x 4-berth cabins: 32 men                             |
|                     | Total: 50 men  |
| Performance Speed   | 12.5 knots at trial condition, 100% MCR, design draft. |
| Deadweight          | Deadweight about 1,800 t at scantling draft.           |
| Deck Loading        | 7 t/m <sup>2</sup>                                     |
| Deck Cargo Capacity | about 600 t  |
| Deck Cargo Space    | about. 435 m <sup>2</sup>                              |
| Bollard Pull        | 88 ton   |

## 4 CARGO CAPACITY

|                      |                 |
|----------------------|-----------------|
| Potable water        | 440 m3          |
| Fuel oil             | 580 m3          |
| WB/Drill water       | 690 m3          |
| Dry bulk cargo tanks | 150 m3          |
| Mud / Brine/R.O      | 460 m3 (SG 2.5) |
| Lub oil              | 10 m3           |
| Dirty oil            | 10m3            |
| Foam                 | 10 m3           |
| Dispersant           | 10 m3           |

## 5 MACHINERY

|                   |  |
|-------------------|--|
| Main Engine       | 2 x 3,300 HP. Medium speed   |
| Propulsion System | Two (2) four or five bladed controllable pitch propellers to be supplied.  |
| Main Gensets      | Three (3) 450 KW diesel driven alternators (415V/3/50Hz).  |
| Shaft Generator   | Two (2) 1000 KW shaft generator driven by gear box   |
| Bow Thruster      | Two (2) transverse tunnel CPP bow thrusters, each giving a thrust of approx. 10T, to be driven by continue electrical motor. |
| Stern Thruster    | One (1) transverse tunnel CPP stern thruster, giving a thrust of approx. 8T, to be driven by continue electrical motor.      |

## 6 DECK MACHINERY

|                              |   |
|------------------------------|---|
| Anchor Handling/Towing Winch | One (1) set, high pressure electro-hydraulic driven, double drum, waterfall type. |
|------------------------------|---|

|                |   |
|----------------|---|
|                | Braking capacity: 250 ton   |
| Tugger Winches | Two (2) electro-hydraulic tugger winches of 10 tonnes at 15 m/min   |
| Capstan        | Two (2) electro-hydraulic capstans shall be installed at main deck aft (P & S), with pulling force of 10 tonnes at 15m/min. |
| Deck Crane     | One (1) electro-hydraulic telescopic crane to be installed. SWL 2t at outreach 15m.   |