



PRINCIPAL PARTICULARS

Length Overall : 59.25M
Length BP : 52.20M
Breadth Moulded : 14.95M
Depth Moulded : 6.10M
Draft Moulded : 4.95M
Class : ABS
Notation : ABS + A1 E "OFFSHORE SUPPORT VESSEL & FIRE FIGHTING VESSEL CLASS 1 + AMS
Deadweight : 1400 tons (approx)
Gross Tonnage : 1678 tons
Deck loading : 7.5 tons/M²
Deck cargo : 503 tons
Clear deck area : 350M²
Bollard pull : 62 tons (approx)
Speed : 13.0 knots (approx)

TANKAGE

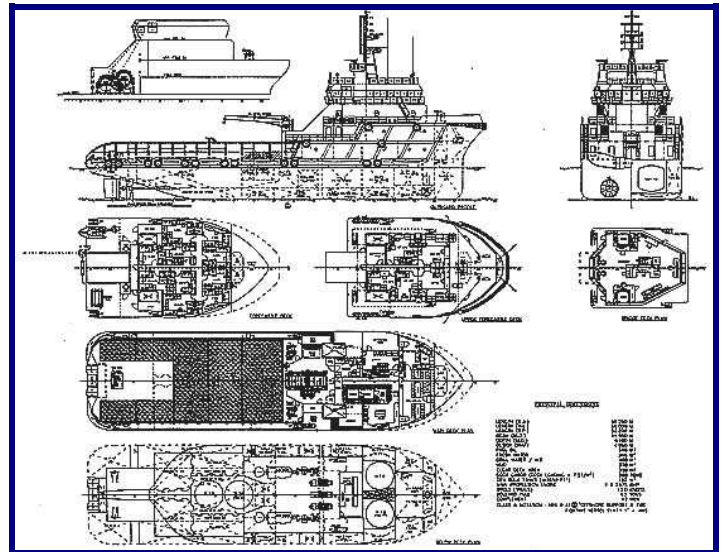
Fuel oil : 540M³
Fresh water : 300M³
Water ballast/drill water : 400M³
Foam : 13M³
Dispersant : 13M³
Mud : 385M³
Dry bulk tanks (4 x 1650 ft³) : 187M³

MACHINERY

Main engine : 2 x 2575bhp @ 1600RPM Caterpillar 3516B
Reduction gear : 2 x Reintjes LAF 872 7.526:1
Propulsion system : 2 x CPP
Bow thruster : 1 x 5.0T controllable pitch
Main generator : 3 x Caterpillar 3408C Kw315/3/50, 24VDC electric start
Emergency diesel generator : 1 x Perkins 52 kw, radiator cooled, 12VDC start, ABS Certificate

ACCOMMODATION

- **Complement** : **42 men**
 - Captain and Chief Engineer : 2 x 1 man
 - Crew : 2 x 1 man
 - : 3 x 2 men
 - : 8 x 4 men
 - Hospital : 1 x 1 man
- Cool & freezer room : temperature range -18°C for freezer room and +4°C for cool room
- Provision store shall be sufficient for fifteen days



Contents herein are believed correct but not guaranteed.



PUMPS

- F.O. transfer pump : 1 x horizontal gear pump of 10M³/hr @ 20M head, 415V/50Hz/3ph
- Sludge oil pump : 1 x 2M³/hr @ 29M head
- Bilge and ballast pump : 1 x self-priming pump of 75M³/hr @ 40M head, driven by electric motor, 1 x self-priming of 75M³/hr @ 40M head driven by electric motor
- G.S. pump : 1 x self-priming pump of 75M³/hr @ 40M head
- Emergency pump : 1 x 25M³/hr @ 4.5 bar, electric driven
- Freshwater hydrophore plant : 1 x freshwater hydrophore plant of 2M³/hr @ 35M head complete with 1kw motor, 2800RPM, 415/3/50Hz and one pressure tank of 300ltr with maximum working pressure and pressure relief valve
- Seawater hydrophore plant : 1 x salt water hydrophore plant of two pumps 2M³/hr @ 35M head complete with 1kw motor, 2800 RPM, 415/3/50Hz and one pressure tank of 300ltr with maximum working pressure and pressure relief valve
- Freshwater maker : 1 x reverse osmosis type of 5 tonnes/day
- Sewage holding & treatment system : for 42 persons
- Oily bilge water separator : 1 x 1.0M³/hr with oil content less than 15 ppm
- Mud pump : 2 x centrifugal pump of 75M³/hr @ 75M head pressure
- F.O. cargo pump : 1 x gear pump of 150M³/hr @ 75M head
- Fresh water/drill water pump : 2 x self-priming centrifugal pump of 100M³/hr @ 75M head

NAVIGATION EQUIPMENT

- 1 set GMDSS Area A1+A2+A3 system
- 3 set GMDSS portable VHF
- 1 set X-band radar range 64NM
- 1 set S-band radar range 96NM
- 1 set eco sounder
- 1 set GPS plotter
- 1 set Gyro compass
- 1 set magnetic compass
- 1 set MF/HF Transceiver
- 1 x Satellite EPIRV
- 2 sets SART
- 1 set Navtex Receiver
- 1 set Immarsat-C

DECK MACHINERY

- Anchor Windlass : 1 x electro hydraulic anchor windlass of 8 tonnes @ 12m/min for 36mm dia. chain
- Capstan : 2 x electro hydraulic capstan of 5 tonnes @ 15m/min
- Anchor : 2 x high-hold type anchor, stowed in anchor-pockets each of 1305kg
- Towing and anchor handling winch : 1 x electro hydraulic driven, waterfall type c/w spooling device
Towing/anchor handling drum pull : 150MT (1st layer)
Brake holding : 200 tonnes
Drum capacity : 1000m of 56mm dia wire for top drum
- Towing pin : 2 x vertical hydraulic pins, 200 tonnes
- Shark jaws : 1 x hydraulically operated anchor handling fork hydraulic retractable shark jaws, S.W.L. 200 tonnes
- Tugger winch : 2 x electro-hydraulic, 10 tonnes @ 15M/Min
- Deck crane : 1 x marine crane of 3.0 tonnes @ 9.0M
- Stern roller : 4.0M long by 1.6M dia, S.W.L. 200 tonnes
- Storage reel : 1 x hydraulic storage reel of 5 tonnes @ 15M/Min

LIFE SAVING EQUIPMENT

- 1 set rigid fast rescue boat for 6 persons
- 6 sets Life raft for 25 persons
- 8 sets Life buoy-ring
- 60 sets lifejackets
- 4 sets fireman outfit
- 1 set first aid kit
- 3 units immersion suit

FIRE FIGHTING SYSTEM

- 2 x seawater pump of 1400M³/hr @ 110 MLC, 2 x water monitors of 1200M³/hr @ 12 bar
- 2 x independent sea chest for external fire fighting is to be fitted
- Foam system is 13M³ capacity and dispersant system is 10M³ capacity with 2 Clustern nozzles at bow (P&S)
- CO₂ System : Main engine room shall be protected by means of a "total flooding" fixed CO₂ central bank fire extinguishing system

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