



PRINCIPAL PARTICULARS

Length Overall : 59.25M
Length BP : 52.20M
Breath Moulded : 14.95M
Depth Moulded : 6.10M
Draft Moulded : 4.95M
Class : ABS
Notation : ABS + A1 E "OFFSHORE
SUPPORT VESEL & FIRE FIGHTING VESSEL
CLASS 1 + AMS",
Deadweight : 1400 tons (approx)
Gross Tonnage : 1500 tons (approx)
Deck loading : 7.5 tons/M²
Clear deck area : 350M²
Bollard pull : 62 tons (approx)
Speed : 13.0 knots (approx)

TANKAGE

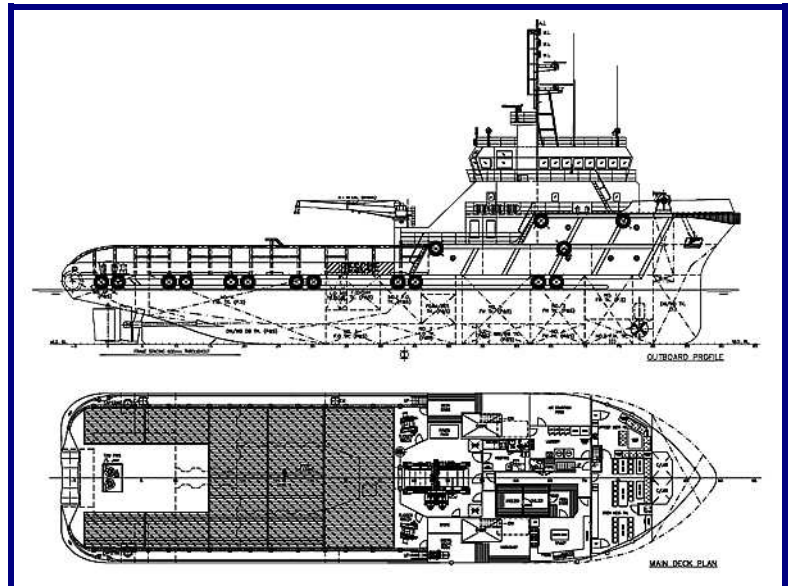
Fuel oil : 535M³
Fresh water : 360M³
Water ballast/drill water : 400M³
Mud : 365M³
Foam : 13M³
Dispersant : 13M³

MACHINERY

Main engine : 2 x 2575bHp @ 1600RPM
Caterpillar 3516B
Reduction gear : 2 x Reintjes LAF 873L, 7.526:1
Propeller : 2 x nickel aluminium bronze
controllable pitch
Bow thruster : 1 x transverse bow thruster of
approximately 5 tons driven by electric motor
about 325kW
Main generator : 3 x 315kW Caterpillar 3408C
Emergency diesel generator : 1 x 52kW Perkins

ACCOMMODATION

- For 42 men with 2 cabins for Captain and Chief Engineer,
- 2 x one-man cabin, 3 x two-man cabins, 8 x four-man cabins and 1 hospital
- 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 fire 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 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 tons/day
- Sewage holding & treatment system : for 42 persons
- Oily bilge water separator : 1 x 1.0M³/hr with oil content less than 15 ppm
- 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
- Mud pump : 2 x centrifugal pump of 75M³/hr @ 75M head pressure

NAVIGATION EQUIPMENT

- 2 set X-band radar range 64NM
- 1 set eco sounder
- 1 set GPS plotter
- 1 set Gyro compass
- 1 set magnetic compass
- 1 set Autopilot
- 1 set MF/HF Transceiver
- 1 set Satellite EPIRB
- 3 sets 2-way portable VHF radios
- 2 sets SART
- 1 set Navtex Receiver
- 6 sets fireman outfit

DECK MACHINERY

- Windlass : 1 x electro hydraulic anchor windlass of 8 tons @ 12M/min for 36mm dia. chain
- Capstan : 2 x electro hydraulic capstan of 5 tons @ 15M/min
- Anchor : 2 x bow anchors 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 tons
- Drum capacity : 1000M of 56mm dia wire (top)
- Towing pin : 2 x vertical hydraulic pins, 200 tons
- Shark jaws : 1 x hydraulically operated anchor handling fork (hydraulic retractable shark jaws), S.W.L. 200 tons
- Tugger winch : 2 x electro-hydraulic, 10 tons @ 15M/Min
- Deck crane : 1 x marine crane of 3 tons @ 9.0M
- Stern roller : 4M long by 1.6M dia, S.W.L. 200 tons
- Storage reel : 1 x hydraulic storage reel of 5 tons @ 15M/Min, drum capacity 56M dia x 1000M

FIRE FIGHTING SYSTEM

- Fire pump : 2 x seawater pump of 1400M³/hr @ 110 MLC
- Fire monitor (water/foam) : 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
- Windlass : 1 x electro hydraulic anchor windlass of 8 tons @ 12M/min for 36mm dia. chain
- Capstan : 2 x electro hydraulic capstan of 5 tons @ 15M/min

LIFE SAVING EQUIPMENT

- 6 sets Life raft for 25 persons
- 8 sets Life buoy-ring
- 60 sets lifejackets
- 1 set first aid kit
- 1 set rigid fast rescue boat for 6 persons

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