



45.5M Offshore Landing Craft
2 x 600BHP Cummins

This landing craft is completely outfitted and equipped for offshore maintenance and other related duties.

PRINCIPAL PARTICULARS

Length Overall : 45.50M
Length BP : 42.10M
Breadth Moulded : 10.90M
Depth Moulded : 3.20M
Draft Moulded : 2.40M
Class : Lloyd's Register
Notation : +100A1, Multi-purpose Vessel, +LMC
Unrestricted Service with descriptive notation "Landing Craft"
Deadweight : 450 tons (approx)
Deck strength : 5t/M²
Gross Tonnage : < 500 tons
Speed : 11.0 knots (approx)
Endurance : about 30 days

TANKAGE

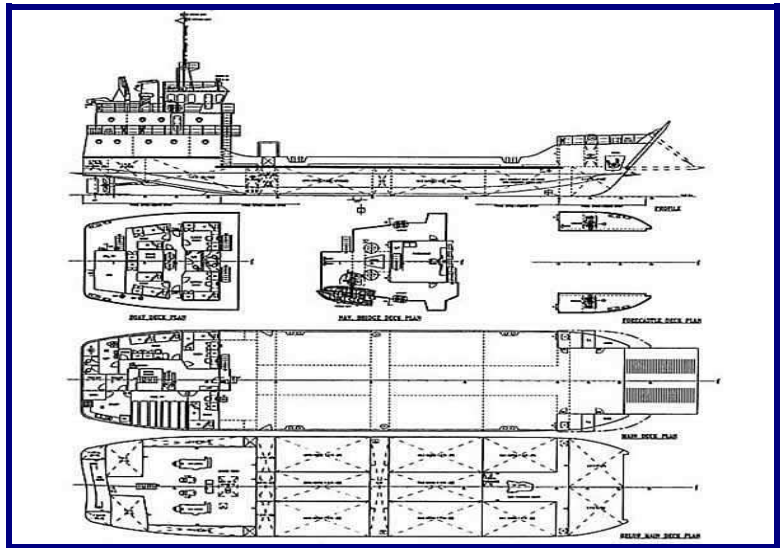
Fresh water : 98 tons
Fuel oil: 42 tons
Cargo fresh water : 350 tons
Long range fuel oil : 256 tons

MACHINERY

Main engine : 2 x 600BHP @ 1800RPM
Cummins KTA 19M3
Reduction gear : Reintjes WAF 364L, 4.481:1
Propeller : 2 x 4 bladed manganese bronze FPP
Bow thruster : 1 x transverse bow thruster of approximately 3 tons driven by a Cummins 6CTA8.3M, 261kw @ 2500RPM
Main generator :2 x 80kw Cummins 6BT5.9DM, 415V/50Hz/3ph
Emergency generator : 1 x 25kw, air cool (Yanmar or equal)

ACCOMMODATION

- For 20 men with 2 cabins for Captain and Chief Engineer, 2 x three-man cabin, 3 x four-man cabins
- Cool & freezer room : Min 3 cum each (walk-in).
- Temperature range -18°C for freezer room and +4°C for cool room



Pictures updated on 09.04.2008

Contents herein are believed correct but not guaranteed.



PUMPS

- Bilge & Ballast pump : 1 x horizontal self-priming centrifugal of 30M³/hr @ 30M head, 415/3/50
- GS & fire pump : 1 x horizontal self-priming centrifugal of 30M³/hr @ 30M head, 415/3/50
- F.O. Transfer pump : 1 x 8M³/hr @ 18M head horizontal gear, 415/3/50
- FW pressure set : 1 x 4M³/hr @ 4.5 bar c/w 640 watts motors @ 2800 RPM and pressure tank of 200 ltr
- SW pressure set : 1 x 4M³/hr @ 4.5 bar c/w 640 watts motors @ 2800 RPM and pressure tank of 200 ltr
- Cargo F.W. pump : 1 x 60M³/hr @ 50M head horizontal centrifugal 400/3/50
- Emergency fire pump : 1 x centrifugal pump of 45M³/hr @ 35M head
- Sewage treatment system : for 20 persons
- Oily bilge water separator : 1 x 0.5M³/hr @ 2kg/cm² head with oil content less than 15 ppm
- Dirty oil pump : 1 x horizontal gear pump of 3M³/hr @ 15M head, 415/3/50
- Emergency / Deadship pump : 1 x 1.5kw, 30VDC headstart engine driven battery charging generator
- Cargo F.O. pump : 1 x horizontal centrifugal self-priming pump of 50M³/hr @ 50M total head, 415/3/50

FIRE EXTINGUISHING SYSTEM

- A CO2 system of suitable number of cylindrical c/w necessary valves and fittings are to be installed for the engine room

DECK MACHINERY

- Anchor windlass / Bow Door Winches : 2 x hydraulic anchor windlass/winch of 5.0 tonnes @ 15m/min suitable for 26mm dia chain
- Anchor : 2 x stockless bower anchors each of 900kg
- Storm rail (grab rails) : to be fitted all round deckhouse and wheelhouse and on exterior bulkheads
- Lashing lugs : 24 nos of 5 tonnes SWL lugs to be arranged on P&S side main deck

LIFE SAVING EQUIPMENT

- 2 sets Life raft, 20 persons
- 10 sets Life buoy
- 14 sets lifejackets
- 2 sets medical kit
- 1 set 4.73m length x 1.94m, 6 persons c/w 25hp outboard engine

NAVIGATION EQUIPMENT

- 2 sets VHF radiotelephone
- 1 set Radar Transponder (SART)
- 1 set Navtex Receiver
- 1 set EGC Receiver (Inmarsat C)
- 1 set Satellite EPIRB
- 1 set MF/HF Radiotelephone
- 1 set MF/HF DSC watch receiver
- 1 set Inmarsat C
- 1 set VHF handheld radiotelephone
- 1 set Echo sounder
- 1 set radar of 96NM
- 1 set radar of 48NM
- 1 set magnetic compass
- 1 set GPS system
- AIS