



PUMPS

- F.O. transfer pump : 2 x horizontal gear pump of 20M³/hr @ 20M head, 415V/50Hz/3ph
- Sludge oil pump : 1 x 5M³/hr @ 29M head
- Ballast/Heeling pump : 1 x self-priming pump of 200M³/hr @ 40M head, driven by electric motor
- Bilge pump : 1 x self-priming pump of 100M³/hr @ 40M head driven by electric motor
- G.S. & fire pump : 1 x self-priming of 100M³/hr @ 40M head
- Emergency pump : 1 x 35M³/hr @ 4.5 bar, electric driven
- Freshwater hydrophore plant : 1 x freshwater hydrophore plant of 10M³/hr @ 35M head complete with 5kw motor, 2800RPM, 415/1/50 and one pressure tank of 1000ltr with maximum working pressure and pressure relief valve
- Seawater hydrophore plant : 1 x salt water hydrophore plant of 10M³/hr @ 35M head complete with 5kw motor, 2800 RPM, 415/1/50 and one pressure tank of 1000ltr with maximum working pressure and pressure relief valve
- Freshwater maker : 2 x reverse osmosis type of 30 tonnes/day
- Sewage holding & treatment system : for 146 persons
- Oily bilge water separator : 1 x 1.0M³/hr with oil content less than 15 ppm
- Mud pump : 2 x centrifugal pumps of 70M³/hr @ min. 85M head pressure
- F.O. cargo pump : 1 x gear pump or equal of 150M³/hr @ 75M head
- F.W. cargo pump/drill water pump : 2 x self-priming centrifugal pump of 150M³/hr @ 75M head

FIRE EXTINGUISHING SYSTEM

- Main engine room shall be protected by means of local fixed pressure water-spraying or water-mist fire extinguishing system
- Main engine room shall be protected by means of a "total flooding" fixed CO2 central bank fire extinguishing system

LIFE SAVING EQUIPMENT

- Life raft for 138 persons
- 12 sets Life buoy-ring
- 183 sets lifejackets
- 1 set first aid kit
- 2 sets SOLAS approved total enclosed side launching type lifeboat for 75 men c/w davits

DECK MACHINERY

- Windlass : 1 x electro hydraulic of 12 tonnes @ 12m/min for 48mm dia. chain
- Capstan : 2 x electro hydraulic capstan of 10 tonnes @ 15m/min
- Anchor : 2 x anchors each of 2140kg
- Tugger winch : 2 x electro-hydraulic of 10 tonnes @ 15m/min
- Crash/cargo rail : 300mm N.B. heavy pipes shall be provided on main deck (P&S). Height to be approx 2500mm to top of pipes
- Heeling tanks : located at (P&S)
- Deck crane : 1 x marine crane of 2.0 tonnes @ 12.0M
- Articulated gangway : 50ft long x 3ft wide with main articulated extent of 25ft x 3ft is to be provided
- Mooring system
 - Anchor : 4 x Delta Flipper type of 5 tonnes
 - Mooring winches : 4 x skid mounted single drum winches powered by electro-hydraulic
 - Tensioner and sheaves : 4 x off tension sensor and 4 x vertical sheaves to be provided
 - Fairleads (Universal) : 4 x off universal fairleaders to be supplied

NAVIGATION EQUIPMENT

- 2 sets X-band radar range 64NM
- 1 set eco sounder
- 1 set GPS plotter
- 1 set Gyro compass
- 1 set magnetic compass
- 1 set Autopilot and steering gear
- 1 set weather facsimile receiver
- 1 set AIS
- 1 set SSAS
- 1 set MF/HF Transceiver
- 1 set Satellite EPIRV
- 3 sets 2-way portable VHF Radio
- 2 sets SART
- 1 set Navtex Receiver

DP SYSTEM

Meet the DPS-2 class notation of ABS

- 3 x position reference systems
- 2 x wind sensors
- 2 x vertical reference system
- 2 x gyro compasses
- 2 x UPS
- 1 x control station with two computer system

Contents herein are believed correct but not guaranteed.