



48M Utility Support Vessel
 2 x 1750BHP Caterpillar

PRINCIPAL PARTICULARS

| | |
|----------------------|--------------------------|
| Length Overall | 48.00M |
| Length BP | 44.62M |
| Breath Moulded | 11.80M |
| Depth Moulded | 4.60M |
| Draft Moulded | 3.80M |
| Gross Tonnage | 675 |
| Nett Tonnage | 202 |
| Deck Strength | 5.2tonnes/M ² |

PERFORMANCE

| | |
|--------------------|---------------------|
| Bollard Pull | 40Ton |
| Speed | 12.0 knots (approx) |

CAPACITY

| | |
|-----------------------|----------------------------|
| Aft Deck Space | 300M ² (approx) |
| Fresh Water | 250M ³ (approx) |
| Fuel Oil | 520M ³ (approx) |
| Lub Oil | 10.4M ³ |
| Hyd Oil | 5M ³ |
| Provision Store | 30 days |

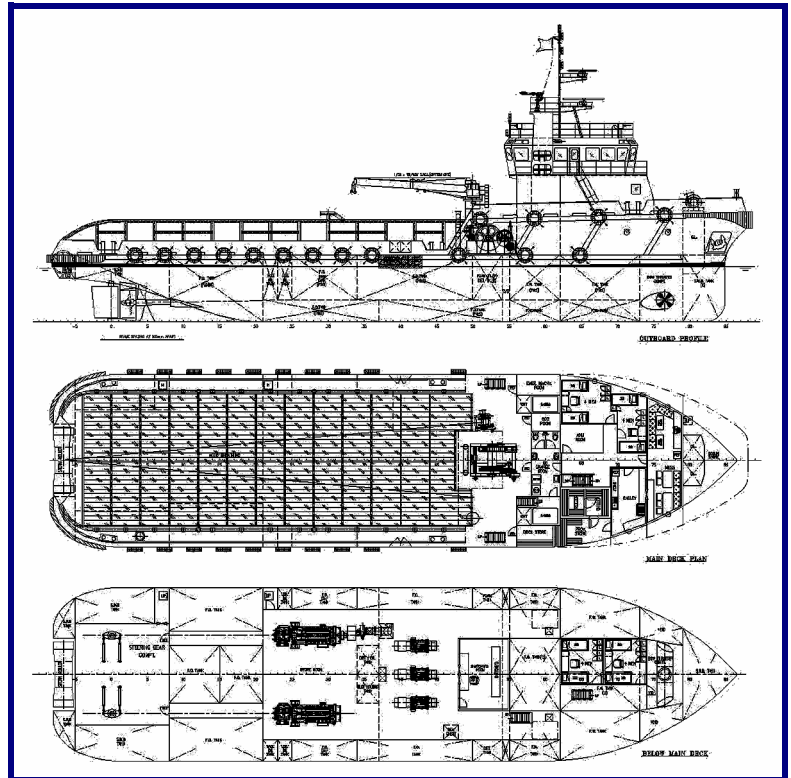
PROPULSION

Main Engine : 2 x 1200bhp @ 1800RPM
 Cummins KTA38M2
 Reduction Gear : 2 x Reintjes WAF562L,
 5.95:1
 Propeller : 2 x four bladed manganese
 bronze fixed pitch propeller
 Bow Thruster : 1 x transverse bow
 thruster of 5 tons driven by electric motor
 about 350kW
 Main Generator : 3 x 215kW Cat 3406,
 415V/3pH/50Hz

ACCOMMODATION

| | |
|--------------------------|-----------------|
| Captain & Engineer | 2 x 1 man cabin |
| Crew | 1 x 2 men cabin |
| Crew | 6 x 4 men cabin |
| Total | 28 men |

Cool & Freezer Room : temperature range
 from -18°C for freezer room and +4°C for
 cool room



CLASSIFICATION

Class: Bureau Veritas (BV)
 Notation: Class 1 + HULL + MACH "TUG" For Unrestricted
 Navigation

Contents herein are believed correct but not guaranteed and are subject to alteration without notification.



AUXILIARY

- Fuel Oil Cargo 50M³/hr @ 50M head
- F.W. Cargo 50M³/hr @ 50M head
- Fuel Oil 20M³/hr @ 30M head
- Sludge Oil 1 x 5M³/hr
- Bilge & Ballast 50M³/hr @ 35M head
- GS & Fire Ext. 50M³/hr @ 35M head
- Emergency Fire 25M³/hr @ 45M head
- Freshwater Hydrophore Plant : 1 x 3M³/hr @ 35 PSI head c/w 1 x kW motor, 2800 RPM, 415/3/50 and 1 x 300Ltr pressure tank with max. working pressure & pressure relief valve
- Seawater Hydrophore Plant : 1 x 3M³/hr @ 35 PSI head c/w 1 x kW motor, 2800 RPM, 415/3/50 and 1 x 300Ltr pressure tank with max. working pressure & pressure relief valve
- Sewage Treatment System : for 28 persons
- Oily Water Separator : 1 x 0.5M³/hr with oil content less than 15 ppm

LIFE SAVING EQUIPMENT

- Life Rafts 2 sets for 20 persons
- Life Buoy-Ring 8 sets
- Life Jackets 23 sets
- Rigid Rescue Boat 1 set for 6 persons

FIRE FIGHTING SYSTEM

- External FIFI-1 :
- Fire Monitor 2 x 600M³/hr @ 12 bar
- Fire Pump 1 x 1200M³/hr @ 14 bar
- Foam Tank Capacity 20M³
- Dispersant Tank Capacity 10M³

Main engine room shall be protected by means of a "total flooding fixed CO2 central bank fire extinguishing system

DECK MACHINERY

- Anchor : 2 x 1020kgs stockless bower anchor
- Anchor Windlass : 1 x electro hydraulic anchor windlass of 5.0 tons @ 12M/min for 28mm dia. chain
- Hydraulic Telescopic Crane : 1 x 1 tons @ 15M / 3 tons @ 5M
- Capstan: 1 x 5 tons hydraulic vertical
- Tugger Winch : 2 x 5 tons hydraulic tugger winch
- Towing Winch : 1 x 50 tons SWL electro hydraulic winch (Wire rope to be supplied by buyer)
Type : single drum
Drum capacity : 250M x 30mm dia steel rope
Speed : 50 tons @ 0-4M/min
Brake holding : 100 tons

NAVIGATION EQUIPMENT

- Radar 1 set
- Eco sounder 1 set
- DGPS Navigator 1 set
- Autopilot / gyro compass 1 set
- Magnetic compass 1 set
- AIS 1 set
- VHF radio 2 sets
- Inmarsat-C 1 set
- GMDSS VHF Transceiver 1 set
- GMDSS SART 1 set
- GMDSS EPIRB 1 set
- Navtex Receiver 1 set