

**40m Aluminium Crew/Utility Boat****VESSEL :**

Vessel: 40m Aluminium Crew/Utility Boat  
 Classification: ABS+A1 HSC Crewboat +AMS  
 Safety Regulation: ABS and Flag state requirements  
 Outline of Vessel: All welded aluminum Monohull with quadruple propellers/twin rudders.  
 Forward fully air conditioning crew accommodation/passenger saloon.  
 And flush,no-obstructed cargo deck

**ACCOMMODATIONS :**

Passenger Capacity: 100 Minda MD200 Economy Class Seat c/w food tray  
 Crew 10 bunks in 5 cabins  
 Mess Seating for 10 Crew

**MAIN PARTICULARS :**

Length Overall : 40.00m  
 Beam : 8.20m  
 Moulded depth : 3.65m  
 Moulded draft (Approx) : 2.0m  
 Summer Freeboard : 1.65m

**CARGO DECK :**

Clear Deck Space 115 m<sup>2</sup> (18.0m length x 6.4 m width)  
 Safe Deck Loading 85 tonnes  
 Deck Strength 2.5t/m<sup>2</sup>  
 Deck Crane 1Ton@6m  
 Remark : Adequate cargo retainers and lashing lugs  
 on both sides for securing deck cargo  
 Aft Deck suitable for helicopter winching

**TONNAGE :**

GRT (Approx.) 292  
 NRT (Approx.) 88  
 Deadweight(Approx.) 170 MT

**MACHINERY :**

Number of Main Engines 4  
 Propulsion Quadruple Screw  
 Make Type Cummins KTA 38-M2  
 Total BHP / KW 4 x 1350 hp  
 Propellers 4 Fixed Pitch  
 Bow Thruster GMT GT 570

**PERFORMANCE**

Maximum Speed 30 knots  
 Service Speed 26 knots,  
 85% MCR @ 50 MT DWT  
 Laden Speed 18 knots  
 85% MCR Fully Loaded  
 Maximum Fuel Consumption 1050 L/hr  
 Economy Fuel Consumption 860 L/hr

**GENERATING SETS (AUXILIARIES) :**

Prime Movers 2 x 91KW @ 1500 RPM  
 Make / Type Cummins CCF J80 J-W  
 Generators SIMENS 1FC2224-4, 2 x 80kw  
 Vessel Power Supply 415/240 Volt AC, 50Hz, 3ph + 24 Volt DC

**ELECTRONICS AND CONTROLS :**

GMDSS GMDSS A2  
 VHF Furuno FM-8900S + 3 TCR TW-50 Handheld  
 SSB Radio Furuno FS-1575 + I-COM IC-M710 (non GMDSS)  
 Satellite communication/Fax INMARSAT FLEETBROADBAND FELCOM-250  
 GPS Furuno GP-170  
 Depth / Echo Sounder 1 unit depth-Furuno FE-800  
 Gyro Compass ANSCHUTZ STD-22  
 Magnetic Compass SMEC CX-65 (with deviation card)  
 Autopilot system ANSCHUTZ NP-60  
 Navtex Furuno NX700B  
 Marine Radar 2 unit Furuno FAR2117, 19in Display  
 EPIRB ACR RLB-38  
 SART ACR PATHFINER3  
 AIS Furuno FA-150  
 Public Address / Intercom System FG Double Amplifier 200W x 2  
 Search Lights 3 units Ceiling Mounted, KESCOM 1000W  
 Chart Plotter GARMIN GPSMAP5012  
 Anemometer NINGLU AM-76

**TANK CAPACITIES:**

Fuel Oil @ 23 cu.m/hr discharge rate 100,000 litres  
 Fresh Water 30,000 litres

**OIL POLLUTION TANK CAPACITY AND CONTROL :**

Dirty Oil Tank 1.0 cub m  
 Oily water separator 0.25 cu./hr  
 Sewage Treatment plant Hamworthy KSE STC01 Super trident sewage plant

**LIFE SAVING (SOLAS) EQUIPMENT :**

Life Rafts Six RAFT-SR-50  
 Life Jackets 120  
 Life Buoys 8 on board per SOLAS  
 Rescue Zone Yes  
 Scrambling Nets 2 units  
 Other Equipment Pyrotechnics, Line throwing apparatus

**EMERGENCY RESPONSE FEATURES :**

External Fire Fighting 600 m<sup>3</sup>/hr monitor (SFP 150x200xPC, FFS 600LB Monitor)  
 Workboat with 25HP outboard motor Provided  
 Gas Dection System CONLILUM 6 teams for H2S and Hydrocarbon

