

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 m² (18.0m length x 6.4 m width)
 Safe Deck Loading 85 tonnes
 Deck Strength 2.5t/m²
 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 80ekw
 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 m³/hr monitor (SFP 150x200xPC, FFS 600LB Monitor)
 Workboat with 25HP outboard motor Provided
 Gas Dection System CONLILUM 6 teams for H2S and Hydrocarbon

