



## **NEW CONSTRUCTION HULL NO. :**

46m Aluminium, Crew / Utility Boat

### **VESSEL :**

Vessel: 46 m meter Aluminum 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 deck aft for cargo

### **MAIN PARTICULARS :**

Length Overall : 46.00m  
 Beam : 9.10m  
 Moulded depth : 3.85m  
 Moulded draft : (Approx.) 2.45m  
 Summer Freeboard :

### **CARGO DECK :**

Clear Deck Space 170 m2 (22.5m length x 7.5 m width)  
 Safe Deck Loading 150 tonnes  
 Deck Strength 2500 kg/m2  
 Remark : Adequate cargo retainers and lashing lugs  
 on both sides for securing deck cargo

### **TONNAGE :**

GRT 420 (Estimated)  
 NRT 120 (Estimated)  
 Deadweight 350 MT

### **MACHINERY :**

Number of Main Engines 4  
 Propulsion Quadruple Screw  
 Make Type Cummins KTA 50-M2  
 Total BHP / KW 4 x 1800 Kw @ 1900 RPM  
 Propellers 4 x Fixed Pitch  
 Bow Thruster 2 x 75 BHP

### **PERFORMANCE**

Maximum Speed 28 knots, 100% MCR @ 50MT DWT  
 Maximum Fuel Consumption 1300 L/hr  
 Laden Speed 23 kt @ 100MT DWT 85% MCR  
 1120 L/hr

### **GENERATING SETS (AUXILIARIES) :**

Prime Movers 2 x 220 BHP @ 1500 RPM  
 Make / Type Cummins CSMX TA8.3  
 Generators 2 x Stamford HCM 434 150 kw  
 Vessel Power Supply 415/220 Volt AC, 50Hz, 3ph + 24 Volt DC

### **ACCOMMODATIONS :**

Passenger Capacity: 80 economy class seat  
 Crew 8 bunks in 6 cabins  
 Mess Seating for 8 Crew

### **ELECTRONICS AND CONTROLS :**

Marine Radar 2 unit Furuno 1932 MK2  
 Gyro Compass Roberson RGC-50  
 Magnetic Compass 6" Magnetic Compass (with deviation card)  
 Autopilot Simrad AP35  
 GPS Furuno GP-32  
 Depth / Echo Sounder 1 unit depth-Furuno; 1 unit echo-Furuno FCV-667

GMDSS GMDSS A2  
 VHF Furuno FM-8500 + 2 hand held  
 SSB Radio Furuno FS-2570 + Furuno FS-1503 (non GMDSS)  
 Satellite Telephone / Fax Mini-M  
 Email None  
 Navtex Furuno NX500  
 Public Address / Intercom System Vingtor Pro-700  
 Search Lights 3 units Perko LSLT-PKO-CC12, 1000W  
 EPIRB McMurdo E3A  
 SART McMurdo S4  
 AIS Furuno FA-100

### **TANK CAPACITIES:**

Fuel Oil @ 50 cu.m/hr discharge rate 100,000 ltrs  
 Fresh water @ 50 cu.m/hr Discharge rate 90,000 ltrs  
 Potable Water 4,000 ltrs

### **OIL POLLUTION TANK CAPACITY AND CONTROL :**

Dirty Oil Tank 1.0 cub m  
 Oily water separator 0.5 cu./hr  
 Sewage Treatment plant Hamworthy KSE ST0 Super trident sewage plant

### **LIFE SAVING (SOLAS) EQUIPMENT :**

Life Rafts Four 50 persons SOLAS, two on each side  
 Life Jackets 80  
 Life Buoys 8 on board per SOLAS  
 Rescue Zone Yes  
 Scrambling Nets 2 units  
 Other Equipment Pyrotechnics, Line throwing apparatus

### **EMERGENCY RESPONSE FEATURES :**

Fire Fighting Onboard fire fighting as class requirement  
 Inflatable Workboat with outboard motor Provided  
 Deck Crane 1 ton x 5 Meter Reach

