



## **Built 2009 –Twin Srew Steel Boat**

### **General Details**

Type : Twin Screw – Steel Boat  
Year Of Built : 2009

### **PRINCIPAL DIMENSIONS**

Length Overall : 18.00 mtrs.  
Registered Length : 15.97 mtrs.  
Breadth : 4.88 mtrs.  
Moulded Depth : 2.30 M  
Designed Draught : 1.55 M  
Gross / NRT : 41 / 13 ton

### **SPEED**

Designed Speed : 20 Knots (Approx in calm weather)  
Trial Speed : 20 knots  
Economic Speed : 10-12 Knots (Approx in calm weather) 08 -10 Knots for fuel efficiency  
Range : 500 Nautical Mile at 8 -10 Knot

### **TANK CAPACITY**

Fuel oil Tank : 3500 Ltrs.  
Fresh Water Tank : 1000 Ltrs

### **MACHINERY PARTS**

Main Engine Type : 2 X Cummins KTA 19M2  
Power : 2 X 500 BHP @ 1800 RPM  
Fuel Consumption : D.O. On 100% MCR Knts 40 Ltrs/Hr/Eng. (Approx)  
Economical Speed: 20 Ltrs/hr/Eng. L.O. 1 Ltr/day/Eng

### **GENERATOR**

Make : 2 X Cummins  
Power : 32 HP @ 1500 RPM  
Model : X2,5 G2  
Fuel Consumption : D.C.Full day 55 Ltrs. (Approx).  
L.O.01 Ltrs every 5 days

### **STEERING SYSTEM & R JDDER GEAR**

Hydraulic Steering System :-/w Steering Wheel Rudder Indicator/Counter Balance Rudders

### **PUMP SYSTEM**

Domestic F/W Model : KP325 x 1 Cap. 48LPM  
Fuel Oil Transfer : Y90L-4 x 1 Cap. 55LPM  
Bilge & Fire Pump : CST200/2 x 1 Cap. 200-900 LPM  
Portable Emergency Fire : DP2C-4 x 1 Cap. 159USgal  
Hand pump : 40mm Bilge H/pump 32 mm Fuel oil Transfer  
GS Pump : 415V Electric Motor pump x1 Auxiliary Portable Diesel  
Pump Assy. : 01 sets



### **NAVIGATIONAL, RADIO & COM. EQUIPMENT**

VHF : 01 Unit, ICOM , IC- M304  
Radar : 01 Unit, Furuno RDP-142, Model – 1715  
AIS : Class A  
Magnetic Compass : 01 Unit, Model-7800F  
GPS : 01 Unit, Furuno, Model- G-32  
Echo Sounder : 01 Unit, KODEN, CVS- 118Mk II  
Search Light : 01 Unit  
Walkie Talkie : 02 Unit, ICOM, IC- M34  
Inter Com : 01 Unit, KOCOM, Model-KIP611PG  
Navigational Lights : 01 Set  
Signal / Working Lights : 01 Set of two  
Batteries : N200 AH – 4 units, N100 AH-2 unit  
Clinometers : 01 Unit, QB55-200  
Aldis Lamp c/w Batt. & Chg. : 01 set, CXD8, 24V/ 60W Binoculars (Night Vision) : 01 Unit, FR-7500, VANGUARD International Code of Signal : 01 Set  
Engg, Radio & Deck, Log book : 01 Unit.

### **LIFE SAVING APPARATUS**

Jackets : 20 nos  
Life Buoy : 04 nos  
Life Rafts : 01 nos. x 15 persons.  
First Aid Kit : 01 nos.  
Parachute Rocket : 06 nos.  
Orange Smoke : 04 nos.  
S.I. Light : 02 nos.  
Man Over Board : 02 nos.



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### FIRE EXTINGUISHING

Mech. Foam FE : 09 Ltrs. X 02 nos. Mech. Form (Liquid) : 09 Ltrs. X 02 nos. DCP  
(Cartridge & Powder) : 09 KG. X 03 nos each Fire Bucket : 02 nos.  
Fire Fighting Outfit : 01 set  
Fireman's Axe : 01 unit Fire Detector Alarm Sys.: 01 unit  
Fire Hydrant Valve : 02 unit, 40 mm Fire Hose c/w Nozzle, Coup. : 02 set

### ACCOMMODATIONS

Crew : 04 nos.  
Sitting arrangement : 12 nos. available (if required Can be Converted to 6 PAX seating and Bunk bed for pilot )

### GEAR BOX

Model: 2 X ZF360A 2.5

### ALTERNATOR

Model /Type: ES28DE / Cummins x 2  
Power: Standby 32 BHP 2.6  
ANCHOR: 30KG X 13.

### ELECTRICAL SYSTEM

Type: Armored Marine AC/ DC  
Switchboards: AC/ DC  
Lighting: AC / DC c/w Power Outlets Shore Line Connection Power Station

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