



### PRINCIPAL PARTICULARS

Year Built	:	November 2008
Builder	:	Aquarius marine (Goa)
Call Sign	:	J8B4135
Official No.	:	10608
Class	:	ABS
Flag	:	KINGSTOWN
GRT / NRT	:	497 / 149
Design	:	CONAN WU & ASSOCIATES

### DIMENSIONS

Length Overall	:	48 M
Length between perpendicular	:	46.2 M
Breadth Moulded	:	11 M
Depth to Main Deck	:	3,5 M
Design Draft	:	2,5 M
Max. Summer Draft	:	2,8 M
Air draft @ 2.2 M	:	18 M

### PROPULSION PLANT

M/E : CUMMINS-KTA-38-M2-2X1800 RPM  
 Steering Gear Type - 4000KG-M Electro Hydraulic. Type : 42-112M2-4  
 BOW TRUSTER: HRP 3001 TT @ 350 HP  
 RUDDER TYPE/ MAKE : 35° 2X SEMI BALANCED

### AUX. ENGINE PLANT

ASHOK LAYLAND- 1 NO 125 KV-415V-50HZ  
 KIRLOSKAR- 125KV-415V 50HZX2  
 Sewage Treatment - Make: Jonghap Machinery Co. Ltd.; Model: Biological Aerob-12 type II system; Capacity: 2100 liters/day  
 GS Pump - Make: BE P/P Private Ltd.; Model: MA 844 KK; Capacity: 55 m3/hrs  
 Fuel Trans Pump:  
 1. make: BE P/P Private Ltd.; Model: MA1522 KAMS; Capacity: 40 kl/hrs.  
 2. make: BE P/P Private Ltd.; Model: MA1023 KAMS; Capacity: 25 kl/hrs.  
 Fresh Water Trans Pump - Make : Kirluskar Brothers Ltd.; Model: DB 50/20;  
 Capacity : 30 m3/hrs.  
 Oily Water Separator - Make: Hanyoung Eng Co Ltd.; Model: hyn 01001 15 ppm water separator; Capacity : 1.0 m3/ hrs.

### CRANE

1 no with swl 1 ton, Jaibalaji Chennai  
 1 no with swl 2.5 Ton, Palfinger PK 15500

### ELECTRICAL PLANT

Power	:	415-220-50hz
Lighting	:	220V
Emergency Lighting	:	24 volt

### MARINE ASSETS CORPORATION

### DECK & AUX. EQUIPMENT

Bow anchor	:	2x900 kg stokless anchor with 9 anchor chain elector hyd. Windlass twin gypsy.
sacles	:	
Bollard pull	:	20 tons
Reefer point	:	6 nos ( 415 V, 50 Hz )
Crane	:	2 nos. 1 <sup>st</sup> swl 1 mt, 2 <sup>nd</sup> swl 2,5 mt

### CAPACITIES

Fuel Oil	:	401 MT
Fresh Water	:	188 MT
Deck Cargo	:	3230 sq ft
Deck Area	:	300 sq ml
Deck Strength	:	
Deadweight	:	575 T

### FIRE FIGHTING

Fixed Fire Pump –	:	
Make	:	azcue; Model : CA80/15-A; Capacity: 60 m3/hrs
Emergency Fire Pump –	:	
Make	:	kipor kama; Model: KDP 20; Capacity: 23 m³/hr

### NAVIGATION EQUIPMENT

Complied with GMDSS A3 for vessel <500 grt	:	
Gyro compass and auto pilot	:	1 unit, Comnav H480952, STD 22
Anschutz	:	
Magnetic compass	:	1, Kelvin & Hughes
Echo sounder with repeater	:	1, KODEN, CVS- 118 MK2
Anemometer with repeater	:	1 Walker
VHF	:	3, DSC FM 8800S – 2 nos, Icom
IC.M45	:	
Mf/hf/ssb radio	:	1, FS 2571C, Furuno
Inmarsat c	:	2, Felcom 15
Radar	:	2 ( 1 no with arpa), Port JRC JMA 2253,
	:	Stbd Koden , MRB 100 P ( ARPA)
GPS	:	2, Furuno G P 32, Garmin
AIS	:	1, FA 100, Furuno
Navtex Receiver	:	1, NT 900 MK1, JMC
Satellite Telephone : 1	:	

### SPEED

Max. Speed : 12 knots (consumption = 70USG/Hr Free Running)  
 Cruising Speed: 11 knots (Consumption = 52USG/Hr)

### ACCOMMODATION

2 X 1 berth	:	2
2 x 2 berth	:	4
4 x 4 berths	:	6
1 x 6 berths	:	6
Crew	:	12
Passengers	:	16
Total persons	:	28
Fully Air Conditioned.	:	

