



PRINCIPAL PARTICULARS

Year Built	:	November 2008
Builder Call	:	Aquarius marine (Goa)
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
Deck space	:	275 M

PROPULSION PLANT

Main Engine	:	CUMMINS-KTA-38-M2-2X1200 BHP
Steering Gear	:	4000KG-M Electro Hydraulic Type : 42-112M2-4
Bow Thruster	:	HRP 3001 TT @ 350 HP
Rudder	:	35° 2X SEMI BALANCED

AUX. ENGINE PLANT

ASHOK LAYLAND- 1 NO 125 KV-415V-50HZ	
KIRLOSKAR- 180 KVH-H15V-50-H ₂ X 2	
Sewage Treatment	: Jonghap Machinery Co. Ltd.; Model: Biological Aerob 12 type II system; Capacity: 2100 liters/day
GS Pump	: BE P/P Private Ltd.; Model: MA 844 KK; Capacity: 55 m3/hrs Fuel Trans Pump:AJAX-ELITE, ITEM 210415, SIZE-50-26 BE P/P Private Ltd.; Model: MA1522 KAMS; Capacity: 40 kl/hrs.
Fresh Water Pump	: Kirluskar Brothers Ltd.; Model: DB 50/20; Capacity : 30 m3/hrs.
Oily Water Separator:	Hanyoung Eng Co Ltd.; Model: hyn 01001 15 ppm water separator; Capacity : 1.0 m3/ hrs.

CRANE

1 x 1 ton SWL Jaibalaji Chennai
1 x 700 kg SWL / 12.2 mtrs, Palfinger PK 15500

ELECTRICAL PLANT

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

SPEED

Max. Speed	:	9.5 knots
Crusing Speed	:	8 knots

DECK & AUX. EQUIPMENT

Bow anchor	:	2x900 kg stockless anchor with 9 shackles / Port and staboard side anchor chain electro hydraulic. Windlass twin gypsy.
Reefer point	:	16 sockets (32amps)
Crane	:	2 nos. 1 st swl 1 mt, 2 nd swc 700 kg / 12.2 mtrs

AUXILLARY MACHINERIES & OTHER EQUIPMENTS

Fuel Oil Cargo Pump	:	Make : SPP UK, end suction centrifugal pump Model : 80/26; Capacity : 180m3/hr @85meter
Fresh Water Cargo Pump	:	Make : SPP UK, end suction centrifugal pump Model : 80/26; Capacity : 180m3/hr @85meter
Dispersant System	:	Tank capacity 5.8m3; Dispersant Pump – Vertical Multistage; Centrifugal pump Model : AVS 10-4-10m3@30mtr
Dispersant Spray	:	ARMS 2 x 6 meter with stanchions 5 Nozzles each

CAPACITIES

Fuel Oil	:	401 MT
Fresh Water	:	208 MT
Sewage	:	2.7 m ³
Deck Cargo	:	184.25 MT
Deck Area	:	230 m ²
Deck Strength	:	2.3T/m ²
Deadweight	:	545.61 T

NAVIGATION EQUIPMENT

Complied with GMDSS A3 for vessel <500 grt	
Auto pilot	: 1 unit, Comnav H480952,
Gyro Compass	: STD 22 Anschutz
ECDIS	: Make : Kelvin Hughes, Radar with ECDIS 1
Magnetic compass	: SAURA KEIKI SEISAKUSHO
Echo sounder with repeater :	1, KODEN, CVS- 118 MK2
Anemometer with repeater :	1 Walker
VHF	: 4 x DSC FM 8800S – 2 nos, Icom IC.M45 / Standard Horizon 1no. / Sailor RT 2048 1 nos.
MF/HF/SSB radio	: 1 x FS 2571C, Furuno
Inmarsat C	: 2 x Felcom 15
Radar	: Manta Digital MD22, X Band Radar 3, Furuno
GPS	: 1 x KODEN (GPS Navigator-KGP 920)
Marine RADAR	: 2 x KODEN (MRD-108 P)
AIS	: 1 x JOTRON (TR 8000)
Navtex Receiver	: 1 x NT 900 MK1, JMC
Satellite Telephone	: 1

ACCOMMODATION

-1 Men Cabin	:	2
2 Men Cabin	:	2
4 Men Cabin	:	4
6 Men Cabin	:	1
Total Beds	:	28 persons
Fully Air Conditioned.		

FIRE FIGHTING

Fixed Fire Pump	:	Azcue; Model : CA80/15-A; Capacity : 60m3 / hrs
Emergency Fire Pump	:	Kama KM170F Model: KDP 20; Capacity : 22m3 / hr
Fire Blankets	:	2 Nos (Galley & Engine Room)