

400 PASSENGER CUM 250T CARGO VESSEL MV CORALS



General

Yard Number	:	NC/229
IMO Number	:	9651008
Delivery Date	:	28.10.2014
Basic Function	:	Passenger/Cargo
Classification	:	IRS + SUL 'Passenger Ship' + IY,TCM

Dimensions

Length Overall	:	98.62 M
Breadth Moulded	:	17.00 M
Depth	:	9.20 M
Draught Moulded	:	4.25 M
Gross Tonnage	:	5939
Deadweight	:	1200 T
Net Tonnage	:	1782

Performance

Speed	:	15 Knots
Endurance	:	10 Days

Accommodation

First Class Accommodation	:	10
Second Class Accommodation	:	40
Normal Class Accommodation	:	350

Tank Capacity

Fuel Oil	:	418 T
Fresh Water	:	357 T
Ballast Water	:	800 T
Dry Cargo	:	225 T
Perishable/Refrigerated Cargo	:	25 T

Main Propulsion Machinery

Main Engine	:	1920 kW, @750 rpm x 2 Yanmar
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Propellers System

	:	BERG Propulsion
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Thruster

Bow Thruster/ CPP	:	500 kW, BTT 213, BERG PROPULSION
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Auxiliary Machinery

Generators	:	750kW, @ 1000rpm x 4 Yanmar
Emergency Generators	:	265 kW @ 1500 rpm x 1 Cummins

Cranes

Crane	:	5T - MacGregor
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Navigation Equipment

Radar S-Band	:	JRC-JMA - 7133-SA
Radar X Band	:	JRC-JMA - 7123-7XA
Echo Sounder	:	JRC-JFE 680-25
Gyro Compass	:	Simrad GC80
Auto Pilot	:	Simrad AP70
Doppler Speed Log	:	JRC/JLN-205
DGPS	:	JRC-JLR-7800
NAVTEX Receiver	:	JRC NCR-333
VDR	:	Consilium VDR F1
Elec. Whistle	:	Zollner Signal GMBH ZET-horn 131 AC
Air Horne	:	Zollner Signal GMBH Makrofon M75F
S.S.A.S	:	A008B02Satamatics
A.I.S	:	JRC JHS-182

Communication Equipment

MF/HF SSB Transmitter	:	JRC - JSS - 296
Satcom C Transceiver Unit	:	JRC JUE85
VHF Voice/DSC (2 Nos.)	:	JRC/JHS - 770S
VHF-Walkie Talkie (4 Nos)	:	Entel - HT649
SART (2 Nos.)	:	Jotron AS - SART 20
EPIRB (2 Nos.)	:	Jotron40sMKII
AERO VHF	:	ICOM IC A110
FLEET BROAD BAND	:	JRC JUE 500
VHF (Voice) Master Cabin	:	Simrad - RS25
VHF (Voice) Wheel house	:	Simrad - RS25

Winch

Duty pulls (Anchor)	:	8.3 T x 0 - 10 m/min
Duty pulls (Mooring)	:	8.0 T x 5-20 m/ min

Lifts

Passenger Lift	:	1 No. of Capacity 13 Person (1000 kg)
Small Cargo Lift (Food Lift)	:	1 No. of capacity 50 Kg

Safety Equipment

Life Boat	:	2 x 80 person
Life Raft Davit	:	12 x 35 Persons 2 x 20 Persons

Sewage Treatment Plants

Sewage Treatment Plant	:	EVAC 80 (2 Nos) & EVAC 80C (1 No)
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Other Equipment

Incinerator	:	Team Tec - Max. 190000 kcal/h corresponding to Max 29 l/h sludge oil
Air-Conditioning Plant	:	Johnson Controls
Steering Gear	:	Jastram

Owner

Union Territory of Lakshadweep Administration, Govt. of India



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"...an Odyssey of Excellence"

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