

## Advance Marine Solutions L.L.C

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### PRINCIPAL PARTICULARS

Year / Place of Built	2007/ GOA, INDIA
Built By	M/S SIDHART ENG.WORKS GOA, INDIA
Class	RINA
Notation	RO-RO CARGO SHIP; UNRESTRICTED NAVIGATION
Flag / Port of Registry	UAE/ SHARJAH
GRT / NRT	1198 / 359
IMO Nr. / MMSI Nr.	9417634 / 470406000
Official No	0006694
Call Sign	A6E2454
Length Overall	65 MTR.
Length BP	62 MTR.
Breadth / Depth Moulded	14 MTR./ 4.5 MTR
Full Loaded Draft	3.2 MTR
Light Ship Draft	1.04 MTR
Max Air Draft	22 MTR
Hull Structure	STEEL
Deadweight	1835.89 METRIC TON
Light ship / Load displacement	767.45 / 2603.35 METRIC TON
Max Passengers & Crew	10 PERSONS
Anchors	BOW : 2 X 950 KG AFT : 1 X 712 KG

### DECK PARTICULARS

Ramp Door / SWL	6 MTR (LENGTH) X 5 MTR. (WIDTH) / 65 TON
Clear Deck Area	616.28 M <sup>2</sup> L = 49.7 METER, B = 12.4 METER
Max Deck Load	1698 METRIC TON
Deck Strength	5 METRIC TON/ M <sup>2</sup>
TEU's	120 CONTAINERS
FEU's	60 CONTAINERS
Salon Cars 4.6 X 1.8 Capacity	57 CARS
Trailer 16.15 X 2.62 Capacity	10 TRAILERS
Trucks 8.24 X 2.6 Capacity	19 TRUCKS

### PERFORMANCE

Maximum Speed	6.5 KN
Economic Speed	5 KN
M/E Consumption	4.6 TON / PER DAY
A/E Consumption	0.25 TON / PER DAY
Fuel Type	MGO
Endurance	22 DAYS

### PROPULSION SYSTEM

Main Engines	2X MITSUBISHI S6R2- MTK, 2 X 825 BHP
Gear Box	2 X HITACHI MGM 86EL -21A
Auxiliary Engines	2X VOLVO PENTA D5 A-TA, 107.4 KVA
Bow Thruster	NA
Propellers	2 FIXED PITCHED PROPELLERS
Rudders	2 Nos
Sewage Treatment Plant	1X ACO CLARIMAR 3 2.8 M <sup>3</sup> / DAY
Ballast Pump	CENTIFUGAL PUMP 60 M <sup>3</sup> / HOUR
Oily Water Separator	1X DECKMA HUMBURG, RANGE 0-30 PPM, MODEL :OMD-2005

### TANK CAPACITIES

Fuel Oil	106.42 METRIC TON @ 98 %
Fresh Water	39.9 METRIC TON @ 100%
Sewage tank	11.74 METRIC TON



# ALIA LANDING CRAFT

### FIRE FIGHTING EQUIPMENTS

Emergency Fire Pump	LAMORDINI, TYPE 25L425/2B1 40M <sup>3</sup> / HOUR
FIRE Hydrant / Hose	5 / 7 Pcs
FIXED CO2 System	FIXED, 6 CYLINDERS X 45 KG
Fire Detection and Alarm	ZEAL 6 ZONES
H2S Gas Monitoring	FIXED, SENSITRON MODEL NO. PL4

### LIFE SAVING EQUIPMENTS

Life Rafts	2 X 15 PERSONS
Rescue Boat	1 X 6 PERSONS 25 HP ENGINE
Life jackets	17, SOLAS APPROVED TYPE

### ACCOMMODATION

Passenger seats	NA
Crew bed / Cabin	12 BED / 07 CABIN

### NAVIGATION AND COMMUNICATIONS

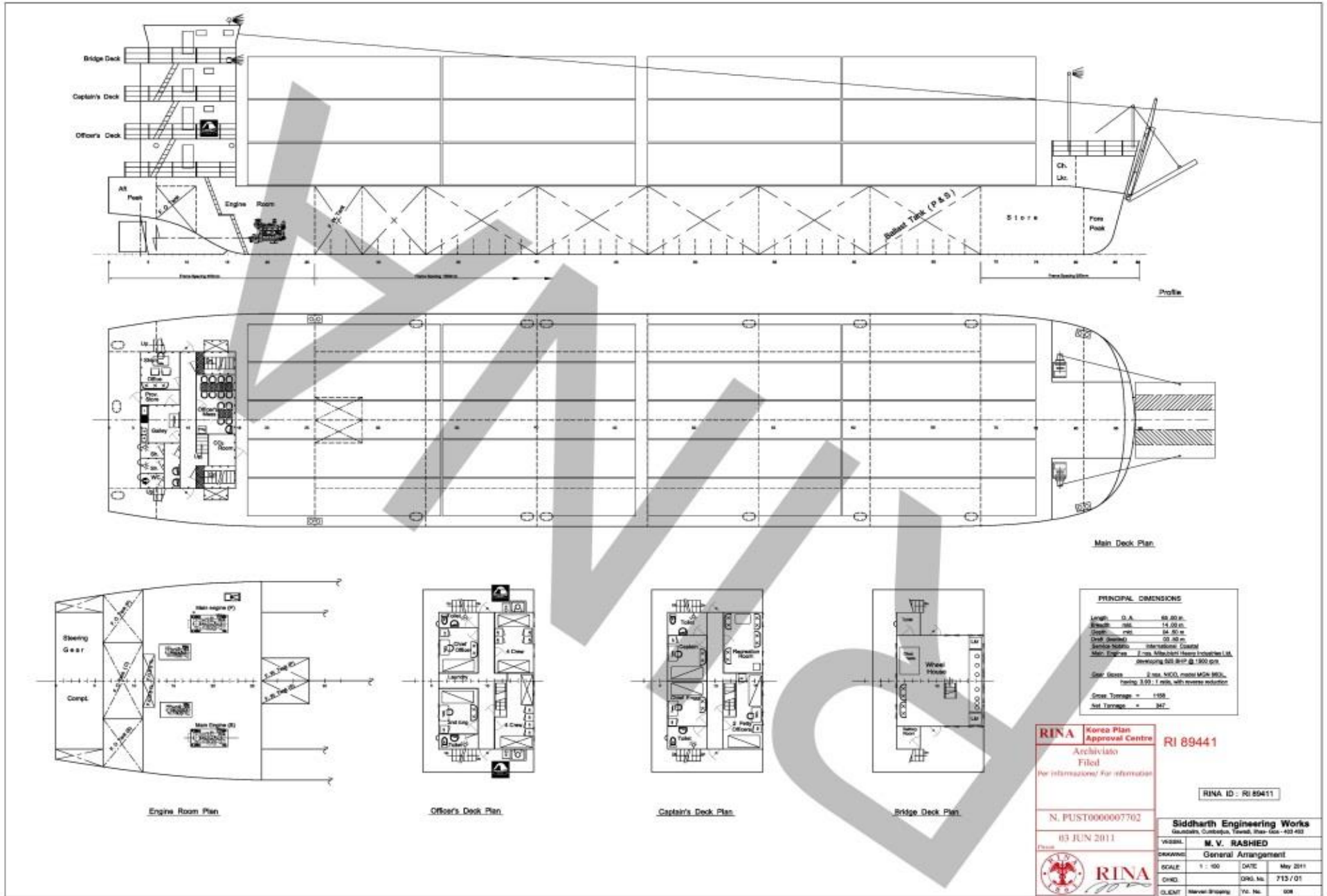
Radar1	JRC JMA5200 MK2
Radar2	ICOM MR1200
AIS System	MCMURDO -SMARTFIND M5
Auto Pilot	SAURA MODEL NO S10
Navtex Receiver	SARACOM NR 50
Gyro Compass	SPERRY MARINE MK 37, MODEL NO 2260
Gyro Repeater	FURUNO AD CONVERTER 100 NO 3144
Magnetic Compass	SAURA MR 150 R, MODEL NO. 3369
Anemometer	CLIPPER MODEL NO. CO331
Echo Sounder	FURUNO FCV MODEL NO. 620
Speed Log	NA
GPS1	FURUNO GP 32
GPS2	GARMIN MAP CHIRP 92 SV
GMDSS	A1+A2
VHF FIXED	SIMRAD RS 12 , 20 WAT
HF/MF	SAMYUNG SRG 1150, 150 WAT
BASE STATION	SAMYUNG ENC STR-6000A , 4.5 WAT
EIPRB	MCMURDO E5, 5 WAT
SART	ACR SART-3 , 5 WAT

### CARGO DISCHARGE CAPACITIES

Fuel Oil Pump	PORTABLE PUMP
Fresh Water Pump	PORTABLE PUMP

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Particulars are entirely without warranty as to correctness and interested parties must inspect vessel's certificates, drawings or physical inspection of vessel

# General Arrangement Drawing -ALIA



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