



PRINCIPAL PARTICULARS

Vessel Type	Fast Crew Boat
Builder	BlueGen Marine Pvt. Ltd.
Designer	Mega Salutes Ship Design Sdn Bhd
Classification	Bureau Veritas
Notation	✠ HULL ✠ MACH, CREW TRANSFER VESSEL, SEA AREA 3, CLEANSHIP, CYBERMANAGED, BIORISK SECURED, SMART (H1, MH3) DATA-INFRA, ELECTRIC HYBRID (PM, PB, ZE MODE), DYNAPOS AM
Length Overall	45.00 m
Length BP	44.10m (Approx)
Beam Moulded	8.00 m
Depth Moulded	3.85 m (From BL)
Design Draft	1.55 m (From BL)
Max. Draft	2.00m (From Prop)
Sea Area	A3
Deck Loading	2.5 T/m ²
Clear Deck Space	100m ² (Approx)

PROPULSION SYSTEM

Main Engine	3 x Cummins KTA-38-M2 1350BHP@1900RPM
Gearbox	1 x REINTJES WVS730/1 3.048:1 2 x REINTJES WVS730/1 3.048:1 (c/w PTO-PTI)
Generator	2 x 6CTA8.3-GM175, Cummins 162.5kVA
Bow Thruster	2 x 10KN Thrust TLCT50 Thrustleader

HYBRID SYSTEM

Battery	1 x 321.4kWh
E-motor	1 x Danfoss 150ekW (PTH), Max 280ekW (PTO)

PERFORMANCE

Service Speed	25kts @ 30T DWT at 100% MCR (Approx.)
Range at max speed	3000 nm

ACCOMODATION

Personnel	85 Seating
Crew	10 Crew
Isolation Room	1 x Isolation Room c/w wc To BIORISK notation.
Arab Lounge	1 x Arab Lounge.
Sick Bay	1 x Sick Bay
Mess	One (1)
Galley	One (1)
Laundry	One (1)
Sanitary	2 x Sanitary with shower 1 x Shower

TANK CAPACITIES

Fuel Oil	Approx. 107m ³
Fresh Water	Approx. 35 m ³
Dirty Oil Tank/Slop	Approx. 5 m ³
Black Water	Approx 3.5 m ³
Grey	Approx. 1.7 m ³

DECK LAYOUT

Fendering	POLYURETHANE D-FENDER & Tyre Fender Wood Sheathing
Deck Coverings	ELECTRIC Anchor winch 225kg
Anchor & Winch	HHP 18mm Diam. Wire Rope
TODO	FUEL OIL AND FRESH WATER
CONNECTION	MANIFOLD
CRASH RAILS	BUNKER CONNECTION PIPE: 3" On both sides of vessel main deck.

Dynamic
Positioning system DYNAPOS AM (DP1)

VENTILATION SYSTEM

Air Conditioning Water cooled condenser to Bio-Risk
Force Ventilation 6 x 15000 m³/hr Supply Fan

LSA & FFA EQUIPMENT

Rescue Boat 1 x 6P C/W Davit
Life Raft 8 x 25P
External FIFI Optional

NAVIGATION EQUIPMENT

External
communication GMDSS A1+A2
Internal
communication Intercom, loudhailer
Searchlight 2 x 1000 W
Radar 1 x X-band
Chart Plotter One (1)
AIS One (1)
Compass 1 x Magnetic, 1x GPS
Echo sounder One (1)
Autopilot One (1)
Wind measuring
system One (1)
GPS One (1)

OTHER EQUIPMENT

Water Maker 1 x 5 m³/day
Oily Water
Separator 1 x 0.5 m³/hr
STP 1 x 1540 L/d