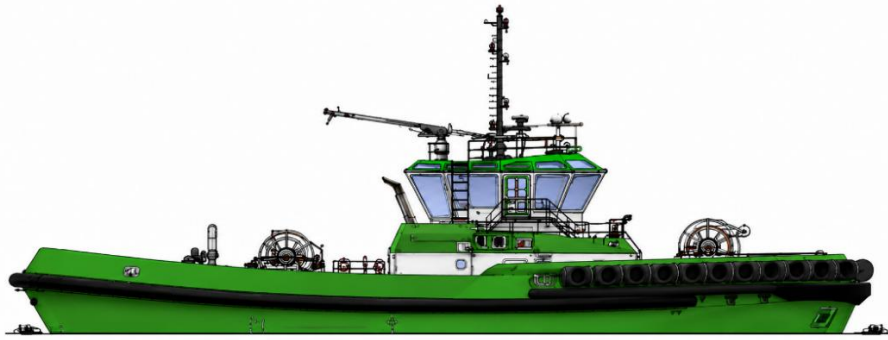




PRINCIPAL PARTICULARS

Vessel Type	Electric Tug
Builder	BlueGen Marine Pvt. Ltd.
Designer	Mega Salutes Ship Design SDN BHD
Classification	Bureau Veritas
Notation	✠ HULL ✠ MACH Tug, Fire Fighting Ship 1, ✠ Battery System, Electric Hybrid (PM), Unrestricted Navigation
Length Overall	28.0 m
Beam Moulded	12.8 m
Depth Moulded	5.0 m (From BL)
Design Draft	3.80 m (From BL)
Max. Draft	4.40 m (From Skeg)
Complement	10 Men

PROPULSION SYSTEM

Thrusters	2 x 2000kW Electric Azimuth, FPP
Battery Capacity	4800 kWh LFP Battery
Shore Charging	6600VAC, 2000kW
Back-Up Generator	2 x 545ekW

PERFORMANCE

Bollard Pull Ahead	65T (Approx.)
Bollard Pull Astern	60T (Approx.)
Service Speed	10 knots (Approx.)

TANK CAPACITIES

Fuel Oil	Approx. 71 m ³
Fresh Water	Approx. 52 m ³
Foam Tank	Approx. 7 m ³
Dispersant	Approx. 7 m ³
Dirty Oil Tank	Approx. 5 m ³

DECK MACHINERY

Anchor Windlass / Towing Winch FWD	1 x Electric Winch; Brake Holding 170T
Towing Winch AFT	1 x Electric Winch; Brake Holding 162.5T

AUXILIARY EQUIPMENT

External FIFI	2 x 1400 m ³ /hr pump c/w water spray
Fire Monitors	2 x 1200m ³ /hr monitor
STP	1 x IMO 10men Capacity
OWS	1 x < 15ppm

NAVIGATION & COMMUNICATION

GMDSS Area	Area A1
Radar	One (1)
DGPS	One (1)
Speed Log	One (1)
Echo Sounder	One (1)
Magnetic Compass	One (1)
Gyro Compass	One (1)
Navtex Receiver	One (1)
EPRIB	One (1)
Autopilot	One (1)
AIS	One (1)
Fixed VHF / DSC	One (1)
Portable VHF	Two (2)

ACCOMMODATION

Total POB	10 Men
1-Man Cabin	Two (2)
2-Men Cabin	Four (4)
Mess Room	One (1)