



MARINE BAHAGIA

35M (1920 H.P.) AREA / SAFETY / FAST CREW VESSEL

TECHNICAL SPECIFICATIONS

<u>Item</u>	<u>Specification</u>	<u>Item</u>	<u>Specification</u>
01. VESSEL NAME	MARINE BAHAGIA	14. PROPULSION / MACHINERY	
02. VESSEL TYPE	Area / Safety / Fast Crew Vessel	a) Main Engines	2 x Caterpillar 3508 TA
03. CLASSIFICATION	Bureau Veritas	b) Reduction Gear	ZF '2.03 : 1 Ratio
04. PORT / REGISTRY	Bandar Seri Begawan	c) Propeller	3 bladed KAPLAN nickel aluminum bronze
05. FLAGS	Brunei Darussalam / V8V2186	d) Bow Thruster	Dries Hamelink Model HK 80 Cummins 4 BT
06. YEAR BUILT	1992		3.9 M Engine 360° direction / 1000 kg thrust
07. HORSE POWER	2 x 960 BHP @ 1600 RPM	15. GENERATORS	Perkins R4 M 135
08. PERFORMANCE			50 KVA / 380 V / 50 Hz / 3 Phase
Maximum Speed	17 knots	16. NAVIGATION & COMMUNICATION EQUIPMENT	
Endurance	30 days	a) Marine VHF x 3	Icom IC-M59 & Sailor RT 2048
09. FUEL CONSUMPTION		b) Marine SSB Radio	Icom IC – M700
Full Speed	190 Litres / Hour	c) GPS	Furuno GP 31
Services Speed	100 Litres / Hour	d) Echo Sounder	Hummingbird & Furuno
Standby / Gen-Set	5 Litres / Hour	e) Radar	Furuno
10. MAIN CHARACTERISTICS		f) Compass	Electronics fluxgate compass & KVH Gyro
Length O.A.	35.00 M	g) Steering Gear	Wagner, N 80-300
Breadth Moulded	6.70 M	17. DECK PIPING CONNECTION	
Depth Moulded	3.25 M	a) Portable Water	2", 2.5" & 3" female quick release coupling
Maximum Draft	1.70 M	b) Fuel Oil	2", 2.5" & 3" female quick release coupling
GRT / NRT	178.76 / 53.63 tons	18. Deck Crane	Hiab Sea Crane 80
11. CAPACITY		19. ACCOMMODATION	Fully air conditioning
Deck Cargo	3 tons per square meter		24 Seating
Deck Space	66 m		2x1 Berth Cabin, 1x8 Berth Cabin (10 Berths)
Free Deck Space	Approximately 59 square meters	20. FIRE FIGHTING EQUIPMENT	
Fuel Oil	26.40 M3	a) Portable Fire Extinguisher	12 x Approved Portable Fire Extinguisher
Fresh Water	21.50 M3	b) Fixed Fire Extinguisher	2 x 45 KG CO2 Engine room flooding system
Dispersant	3.04 M3	21. LIFE SAVING APPLIANCES	As per SOLAS 74/78 and part of Registry requirements
12. ANCHOR / WINDLASS	UHW-16 Unitech Systems (S) 2 x 225 KG (Stockless Anchors)	22. OTHER EQUIPMENT	
13. PUMPS		a) Liferafts	3 x 20 men & 1 x 25 men
G.S. / Fire Pump	15 m3 / Hr @30 m head	b) Manoverboard	2 x Comet
Fire Monitor Pump	5000 litres / min @ 90m head	c) Forward Deck Flood Light	1 x 1000W deck flood light
Fire Monitor Cap.	Dai-Ichi Koeki, Japan Model 125 A	d) Aft Deck Flood Light	2 x 1000W deck flood light
	5000 Litres / Min x 8 Kg/cm2	e) Dispersant Boom	2 x 6m Portable Spray Boom
Portable Fire Pump	Yamar – YDP 30E & Robin – EY15D	f) Fast Rescue Craft	Novurania Inboard Jet Engine