



VESSEL OVERVIEW

Vessel Type	CrewBoat
Hull No	
Built By Shipbuilding Industries Sdn Bhd
Delivery	
Classification	BV*Hull. Mach, Crew Boat/Area 2
Designer	Mega Salutes Ship Design Sdn Bhd
Flag	Malaysia

HULL PARTICULARS

Length Overall	37.65	M
Breadth Mld	7.85	M
Depth Mld	3.53	M
Draft	1.70	M
Crew	10 men	
Passenger	60 person	

CARGO DECK

Clear Deck Area	96	M2
Deck Cargo Capacity	26	MT
Deck Strength	2	T/M2
Deck Dimensions	17.3m (L) x 5.57m (B)	
Cargo Railing Height	1.2	M

MACHINERY AND PROPULSION

Main Engines	2 units Cummins KTA38 1350hp 1 unit Cummins KTA50 1800hp
Main Gearbox	2 units Twindisc MGX6690SC 1 unit Twindisc MGX6848SC Rated 2.93:1
Main Generator	2 units x Cummins 6CTA8.3DM 135kw
Bow Thruster	1.5 ton electric driven VT-90
Propeller	3 x Dia 1250mm fixed pitch
Propeller Shaft	2 x 4.5" (Dia.) X 9610mm Wing SS17 1 x 5" (Dia.) X 9980mm Center SS17

Steering Gear Control System 2.5 TM

TANK CAPACITIES - approx.

Fuel Oil	approx 67	M3
Fresh Water	approx 50	M3

PUMPS

Bilge & GS Pump	30M3/hr @ 30 m head
Bilge Pump	30M3/hr @ 30 m head
Fuel Oil Transfer Pump	10 m3/hr @ 33M head
FW Pressure Set	JCRM1C x 1
SW Pressure Set	JCRM1C x 1
	140 litres/min @ 30m head
Aircon Cooling Pump	28m3/hr @ 30m head
Sewage Pump	5m3/hr @ 12m head

ACCOMMODATION AND STORAGE

Passenger seats	Bussiness class
Passenger toilets	3 units
Baggage area	Fitted
Crew cabin	Fitted
Crew toilets	Fitted
Mess room	Fitted
Galley	Fitted

TONNAGE

GRT	243
NRT	160
DWT	85 MT

PERFORMANCE

Max speed	25 knots
Max Fuel Consumption	approx 305L/hr @ 100%
Eco speed	23 knots
Eco Fuel Consumption	approx 250L/hr @ 85%

DECK EQUIPMENT

Anchor Windlass	SWL 10T@10m/min
Anchor	High holding 180kg x 1
Anchor rope	Steel wire rope 165m x 18mm

SAFETY EQUIPMENT

Liferafts	As solas type approved
Lifebuoys	8 on board as per solas
Lifejackets	As per solas
Resue zone	port and starboard side
Rescue Boat	Inflatable type for 6 men with 25hp outboard motor and launching davit

NAVIGATION EQUIPMENT A1+A2

1 x SSB	Speedlog	Anemometer
1 x VHF	Echo Sounder	Navtex Receiver
EPIRB	Radar	BNWAS
Sart	PA System	
GPS	3 x GMDSS Walkie Talkie	
AIS class B		

Others

Centralized Air-Condition
1/4 External Fifi Fire Fighting System-PTO main engine (optional)
CO2 & fire alarm detection system
Oily Water Separator 0.25m3/hr
Flow Meter for bunkering, Main Engine & Genset