



Super Fast Crew Boat Aluminum Monohull Fast Multi-Role Vessel



General

IMO No.	:	
Official No.	:	
Builder	:	
Built year	:	2024
Flag / Port of Registration	:	Malaysia / Port Klang
Call sign	:	
Classification	:	Bureau Veritas (BV)

Dimension

Length Overall	:	42.00 m
Breadth Moulded	:	8.00 m
Depth Moulded	:	3.98 m
Loaded Draft	:	1.90 m
Clear Deck Area	:	18.6 m x 6.0 m (110 m ²)
Deck Cargo Capacity	:	60 MT
Deck Strength	:	2.5 MT / m ²
Cargo Railing Height	:	1.0 m

GRT	:	332 MT
NRT	:	99 MT
DWT	:	151 MT

Machinery

MAIN MACHINERY

Main Engines	:	3 x Caterpillar C32 ACERT IMO Tier 2
Total BHP	:	4,350 BHP (3 x 1450 BHP @ 2300 rpm)
Propellers	:	3 x fixed pitch, Ni-Al-Bronze, 5 blades
Bow Thruster	:	1 unit electric-driven @ 95kW

GENERATORS AND AUXILIARY ENGINES

Generators	:	3 x Caterpillar SR4 Alternator 86 ekW
Prime Movers	:	3 x 125 BHP @ 1500 rpm
Make / Type	:	Caterpillar C4.4
Vessel Power Supply	:	415/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC
Shore Power / Reefer Sockets	:	1 / 4

Safety Equipment

Life Rafts	:	4 x 25-man each side as per SOLAS
Life Jackets:	:	91 on board as per SOL
Life Buoys	:	8 on board as per SOLAS
Scrambling Nets	:	2 units
Other Equipment	:	Pyrotechnics, line-throwing apparatus
Rescue Zone	:	Port and Starboard

Performance

Maximum Speed	:	29 knots @ 100% MCR
Economical Speed	:	27 knots @ 85% MCR

Accommodation and Storage

MAIN DECK

Passenger Seats	:	Business Class, 72 pax
Seating Arrangement	:	2-2-2-2 (2 seats per row)
Seat Pitch	:	1050 mm
Passenger Toilets	:	3 cubicles with showers
Passenger Shower	:	1 cubicle
Entertainment System	:	2 x LCD TV screens

BELOW MAIN DECK

Crew Cabins / Total Bunks	:	6 / 12 (2 x 1-man, 3 x 2-man, 1 x 4-man)
Crew Toilet	:	1 cubicle with shower
Entertainment System	:	1 x LCD TV screen
Crew Mess and Galley	:	Fitted
Crew Washer and Dryer	:	Fitted
Portable Walk-In Freezer and Chiller	:	Fitted

Electronics And Controls

GMDSS	:	Sea Area A3
VHF	:	Sailor 6222
MF/HF Radio	:	Sailor 6310
SSB Radio	:	Icom IC-M710
BNWAS	:	LeGuardian2025
Marine Radar	:	Simrad R3016 + 4G/NSS12EV03
GPS	:	Simrad P3007
Depth / Echo Sounder	:	Simrad S3009
Satellite Compass	:	Simrad HS80A
Magnetic Compass	:	Riviera 6"
Navtex Receiver	:	JMC NT1800
Public Address / Intercom System	:	Vingtor CTB-10
Search Lights	:	3 x 1000W
EPIRB	:	McMurdo E8
SART	:	McMurdo SA
AIS	:	Simrad V5035
Speed Log	:	Simrad R1A
CCTV	:	12 units fitted (5 x exterior, 4 x interior, 2 x engine room, 1 x bow thruster roo

Tank Capacities

Fuel Oil Tanks	:	80,000 liters
Portable Water Tanks	:	20,000 liters
Bunker Flowmeter	:	Fitted
Grey Water	:	747 liters
Lube Oil	:	800 liters
Gear Oil	:	450 liters
Hydraulic Oil	:	450 liters
Fuel Oil Sludge	:	600 liters
IMO-Approved Oily Water Separator	:	15 ppm

Emergency Response Features

FIF1 x external FIF1 monitor with remote clutch and control @ 600 cbm per hour
Aerosol fire extinguishing system
SOLAS rescue boat with Davit

For any enquiry, please drop us a email at marketing@amsbach.com.sg.

The details on this specification sheet are produced in good faith but not guaranteed.