



# AYLAR



## VESSEL OVERVIEW

Vessel:	Aluminium Monohull Multi-Role Support Vessel Designed and Built by Penguin Shipyard
Year Built:	2013
Classification:	Bureau Veritas
Notation:	IXHullXMach, Crew Boat, Unrestricted Navigation (Max. Significant Wave Height Not Exceeding 3m)
Safety Regulation:	BV and Malaysia Flag State Requirements
Regs, Codes, Guidelines:	MARPOL, SOLAS, IMDG

## HULL PARTICULARS

Length Overall:	38.00 m
Breadth Moulded:	7.60 m
Depth Moulded:	3.65 m
Loaded Draft :	1.89 m

## CARGO DECK

Clear Deck Area:	95 sqm
Deck Cargo Capacity:	55 MT
Deck Strength:	2.0 MT / sqm
Deck Dimensions:	16.1 m x 5.9 m
Cargo Railing Height:	1.0 m
Remarks:	Adequate cargo retainers and lashing lugs on both sides for securing deck cargo

## TONNAGE

GRT:	246 MT
NRT:	74 MT
DWT:	125 MT

## MAIN MACHINERY

Number of Main Engines:	3 units with resilient mountings
Make and Type:	Cummins KTA38-M2
Total BHP:	3 x 1350 BHP @ 1900 rpm
Propellers:	3 x fixed pitch, Ni-Al-Bronze, 5 blades
Bow Thruster:	1 unit electro-hydraulic @ 100 HP

## PERFORMANCE

Maximum Speed:	25 knots @ 100% MCR & 31 DWT
Maximum Fuel Consumption:	770 L/hr
Cruising Speed:	23 knots @ 85% MCR & 31 DWT
Cruising Fuel Consumption:	650 L/hr

## GENERATING SETS (AUXILIARIES)

Prime Movers:	3 x 122 BHP @ 1500 rpm
Make / Type:	3 x Cummins 6BT5.9-DM1
Generators:	3 x Alternator Stamford UCM274G 80 kW
Vessel Power Supply:	415/220 Volt AC, 50 Hz, 3-phase + 24 Volt DC
Shore Connection / Food Container Socket:	1 / 4

## SEATING AND ACCOMMODATION

Passenger Capacity:	Economy Class 78 pax
Passenger Toilets:	2 cubicles
Entertainment System:	3 x LCD TV screens
Crew Cabins / Bunks:	4 / 8
Crew Toilets:	1 cubicle with shower
Crew Mess and Galley:	Fitted
Separate Walk-In Freezer and Chiller:	Fitted
Dry Store (on crew deck):	Fitted
Public Address System:	Fitted

## ELECTRONICS AND CONTROLS

GMDSS:	Sea Area A1+A2
VHF:	Sailor 6222
SSB Radio (Non-GMDSS):	ICom IC-M710
Satellite Telephone / Email:	Thrane & Thrane FBB 150
Marine Radar:	Simrad NSS 12"
GPS:	Furuno GP-32
Depth / Echo Sounder:	Furuno FCV 627
Gyro Compass:	Simrad RGC50
Magnetic Compass:	Riviera 6"
Navtex:	Smartfind
Public Address / Intercom System:	Vingtor Zenitel
Search Lights:	San Shin x 3, 1000W
EPIRB:	McMurdo E5
SART:	McMurdo S4
AIS:	Samyung S1-30
Remote CCTV:	1 x engine room

## TANK CAPACITIES

Fuel Oil:	72,000 L
Fresh Water:	30,000 L
Dirty Oil Tank:	0.8 cbm
Dispersant:	0.2 cbm
IMO-Approved Sewage Treatment Plant:	Fitted for 15 pax
IMO-Approved Oily Separator:	15 ppm

## SAFETY OF LIFE AT SEA (SOLAS) EQUIPMENT

Life Rafts:	230 men as per SOLAS
Life Jackets:	95 on board as per SOLAS
Life Buoys:	8 on board as per SOLAS
Scrambling Nets:	2 units
Other Equipment:	Pyrotechnics, line-throwing apparatus
Rescue Zone:	Port and Starboard

## EMERGENCY RESPONSE FEATURES

One external fire fighting monitor with remote clutch and controls @ 600 cbm per hour
Motorised Workboat

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

