

Anchor Handling Tug Technical Specification Sheet

Vessel Name: AYLAH 1



VESSEL PARTICULARS/ CLASS INFO.

Name	AYLAH 1
Type	Anchor Handling Tug
Class	BV
Flag	Palau
Port of Registry	Malakal Harbour
Official Number	P046171
Call Sign	T8A3560
IMO No	9683166
Year built	2013

DECK EQUIPMENT

Anchor Windlass	Electro Hydraulic: 3 T @ 12 m/min
Tugger Winch	5 T @ 10 mm / min
Towing Winch	Hydraulic Towing Winch - 40 T ME Brake holding:
Wire Rope	800 mtrs, Dia 38 mm
Shark Jaw / Tow Pin	1 set SWL 100 T - Hydraulic Type
Stern Roller	4.2 mtrs x dia 1.50 mtrs, SWL 100 T
Deck Strenght	5 T/m²
Clear Deck Space	80.8 m²
Crane	1 nos - SWL 1 T

VESSEL DIMENSIONS / TONNAGES

Length Overall	34.00 mtrs
L. btw Perpendicular	31.8 mtrs
Breadth Overall	10.00 mtrs
Depth Moulded	4.70 mtrs
Draft	3.50 mtrs
Dead Weight	612 T
Gross Tonnage	399 T
Net Tonnage	199 T
Bollard Pull	39.94 T

MACHINERIES

Performance	Maximum Speed	Service Speed: 8 knots
		Speed in Ballast: 11 knots
	Consumption while steaming (24 hrs)	4,200 ltrs
Main Engine	Consumption while in port/anchorage (24 hrs)	350 ltrs
	Main Engine: 2 x Cummins KTA50-M2	
	2 x 1600 BHP @ 1800 RPM	
Generators	Type of fuel	Marine Gasoil
	2 x Cummings 6CTA8.3-GM155	
	136kW/415V/50 Hz	
Bow Thruster & Propulsion System	Bow Thruster: 1 x 3tons Marilli Motor	
	2 x FPP with Nozzles	



📍 Mbaraki Wharf, Near Likoni Ferry, P.O . BOX 40268-80100, Mombasa, Kenya

☎ +254 722 203 156 / 733 203 156

✉ marine@alphakenya.com 🌐 www.alphalogisticsafrica.com

Anchor Handling Tug Technical Specification Sheet

Vessel Name: AYLAH 1

TANK CAPACITIES

Fuel Oil	316 m³
Fresh Water	124.6 m³
Lube Oil	2.00 m³
Dirty Oil	4.357 m³

ACCOMODATION

Single Cabin	2 units
Double Cabin	3 units
4 men cabin	2 units
Total Capacity	16 men

FIRE FIGHTING EQUIPMENT/LIFE SAVING EQUIPMENT

Fire Pump	Diesel Driven 20m³ per hr @ 25 mtrs head
Fire Monitor	2 x 1200m³ per hour @ 30 mtrs head
Lift Rafts	2 x 20 men (inflatable type)
Life Bouy Rings	8 nos
Life Jackets	20 nos

NAVIGATION & RADIO EQUIPMENT

GMDSS	Area A1 + A2 + A3
SSB Radio Telephone	1 x JRC. JSB-196GM RADIOTELEPHONI
VHF Radio Telephone	2 x JRC, NMC-1770
Magnetic Compass	1 x SAURA Keiki Mr150A
Gyro Compass	1 x YOKOHAMA - S/N-19164
Radar	1 x JRC JMA - 5212
	1 x JRC JMA - 2300 MK 2
AIS	1 x SAMYUNG CLASS A AIS SI-70A
Echo Sounder	1 x JRC, JFE 380
DGPS	1 x JRC, JLR-7500
Autopilot	1 x SAURA KEIKI SA-10
Weather Fax Reciever	1 x JRC, JAX-98
Navtex Reciever	1 x JRC NCR-333
Doppler Speed Log	1 x Yokogawa EML 500

MISCELLANEOUS EQUIPMENT

Seage Treatment	1.5 m³/Day
Oily Water Sperator	0.25 m³/Hr

Above Specifications are believed to be correct but given without Guarantee



Mbaraki Wharf, Near Likoni Ferry, P.O . BOX 40268-80100, Mombasa, Kenya

+254 722 203 156 / 733 203 156

marine@alphakenya.com www.alphalogisticsafrica.com

General Arrangement Plan

