

Anchor Handling Tug Technical Specification Sheet

Vessel Name: ALPHA FALCAO



VESSEL PARTICULARS/ CLASS INFO.

Name	Alpha Falcao
Type	Anchor Handling Tug
Class	BV
Flag	Palau
Port of Registry	Malakal Harbour
Official Number	P015315
Call sign	T8A3352
IMO Number	9512953
Year Built	2008

DECK EQUIPMENT

Anchor Windlass	1 x 3.3 T @ 10 m/min, ME
Tugger Winch	2 x 5 T @ 15 m/min, ME
Towing Winch	1 x 70 T, Hydraulic Waterfall Double Drum ME Brake holding: 150 T @ 1st Layer
Wire Rope	600 mtrs, dia 50 mm
Shark Jaw / Tow Pin	1 set SWL 200 T - Hydraulic Type
Stern Roller	3.5 mtrs x dia 1.45 mtrs, SWL 150 tons
Deck Strenght	5 T/m ²
Clear Deck Space	150 m ²
Crane	1 nos - SWL 2 T
Bollard Pull	52.79 T (max)

VESSEL DIMENSIONS / TONNAGES

Length Overall	40 mtrs
Length btw Perpendicular	34.90 mtrs
Breadth Overall	11.80 mtrs
Depth Moulded	4.60 mtrs
Draft	3.80 mtrs
Dead Weight	411.6 T
Gross Tonnage	499 T
Net Tonnage	149 T

MACHINERIES

Performance	Maximum Speed	13 knots in Ballast
	Cons. while steaming (24 hrs)	4,200 ltrs
	Consumption while in port/ anchorage (24 hrs)	350 ltrs
Main Engine	Main Engine: 2xmodel CAT 3516B	
	2 x 2,100 BHP @ 1,600 RPM	
	Type of fuel	Marine Gasoil
Generators	2 x 229 kW @ 1,500 rpm CAT 3406C	
	415V/3ph/50 Hz	
	Emergency Genset: 1 x 30 W Perkins	
Bow Thruster & Propulsion System	Bow Thruster: 1 x 3 tons @ 220kW, HRP300ITT	
	2 x Fixed Propellers in kort nozzles	



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TANK CAPACITIES

Fuel Oil	368 m³
Fresh Water	172 m³
Lube Oil	6.5 m³
Sea Water Ballast	56 m³
Detergent	9.3 m³
Foam	7.8 m³

ACCOMODATION

1 man Cabin	2 units
2 men Cabin	1 unit
4 men cabin	4 units
Total Capacity	20 men (crew and passengers)

FIRE FIGHTING EQUIPMENT/LIFE SAVING EQUIPMENT

Fire Pump	1 x 1,200 m³/hr @ 120 mtrs head
Fire Monitor	2 x 600 m³/hr @ 100 mtrs head
Lift Rafts	2 x 25 men (inflatable type)
Life Bouy Rings	8 pcs
Life Jackets	25 pcs

NAVIGATION & RADIO EQUIPMENT

GMDSS	Area A1 + A2 + A3
SSB Radio Telephone	1 x JRC/JSB- 196GM/BS 62274
VHF Radio Telephone	2 x JRC/NCM 1770
Gyro Compass	1 x Yokogawa, GMZ-9008B/D
X - Band Radar	1 x JRC JMA - 2300
	1 x JRC NWZ - 164
AIS	1 x NSR/NSI-1000
Echo Sounder	1 x JRC, FF60/HD 79519
DGPS	1 x JRC, J-Nav 500
Autopilot	1 x Comnav/ 29010017
Weather Fax Reciever	1 x JRC, JAX-98
Navtex Reciever	1 x JRC NCR-333
Doppler Speed Log	1 x JRC, JLN-205

MISCELLANEOUS EQUIPMENT

Seage Treatment	1 x 20 pax
Oily Water Sperator	1 x 0.50 m³ per hour

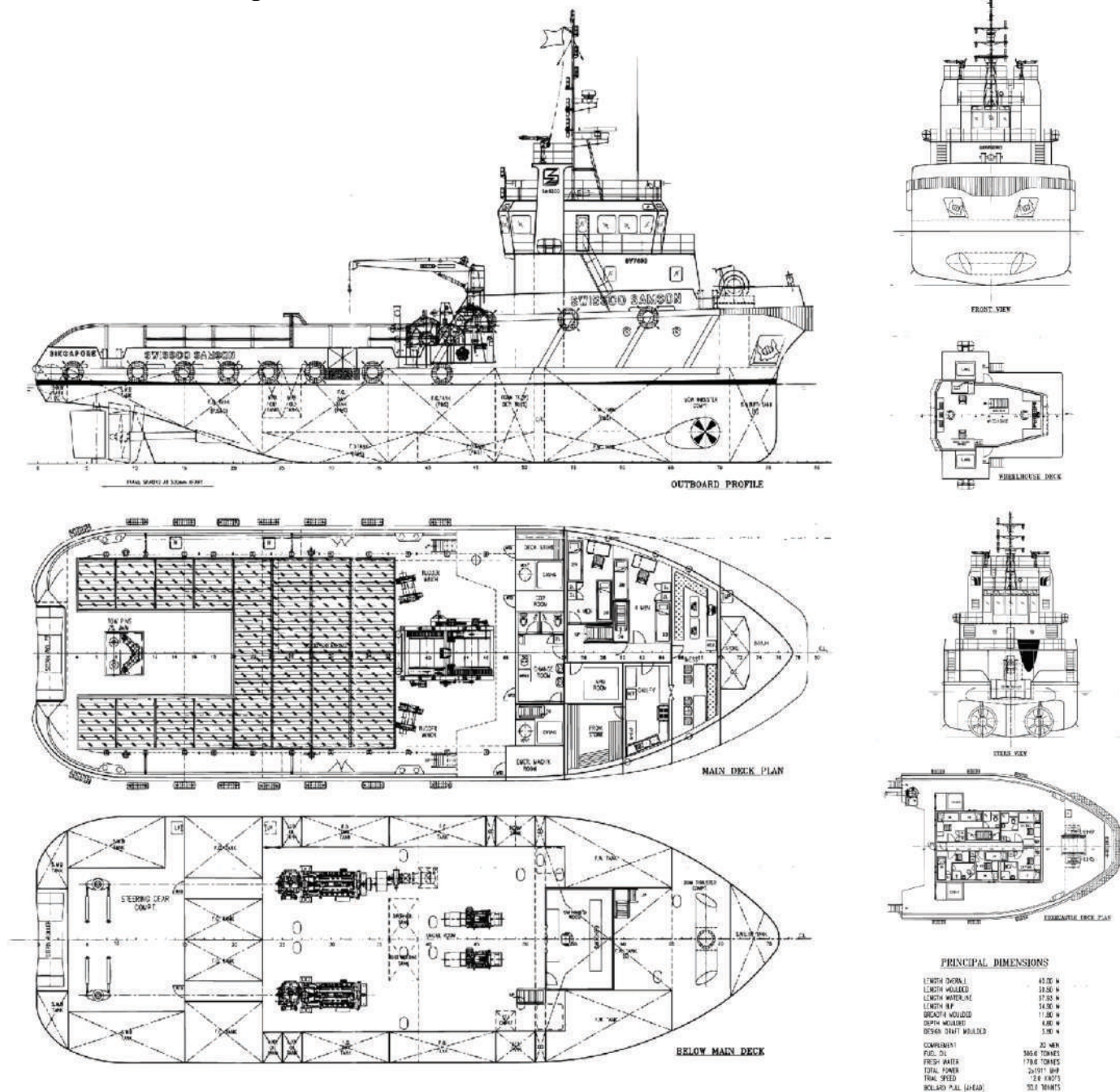
Above Specifications are believed to be correct but given without Guarantee



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General Arrangement Plan



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