



CHRISTIANSSEN IV (ex MARINE KERIAM)

TUG/28.95M(1760 H.P.) SEISMIC/SCOUTING/AREA/CREW CHANGE/PASSENGER/OFFSHORE SUPPORT VESSELS

TECHNICAL SPECIFICATIONS

Item	Specification	Item	Specification
01. VESSEL NAME	CHRISTIANSSEN IV	16. PROPULSION / MACHINERY	
02. VESSEL TYPE	Tug / Crew / Offshore Support Vessels	a) Main Engines	2 x G.M. Detroit Diesel Type 16 V 92 TA ENGINE SERIAL # PORT – 16VF-8162-7400 16VF-005008 ENGINE SERIAL # STBD – 16VF-8162-7400 16VF-005342
03. CLASSIFICATION	Filipino Vessels Class. Sys. Assn. Inc.	b) Reduction Gear	2.92 : 1 Ratio
04. PORT / REGISTRY	Manila	c) Propeller	2 x 4 bladed fixed pitch
05. FLAGS	Philippines	d) Bow Thruster	Schottel independent drive, with one ton thrust Type 250EZ-WP
06. YEAR BUILT	1982 by Cheoy Lee Shipyard H.K.	17. GENERATORS	G.M. Bedford 220 25KW 400 Volts 50 Hz 3 Phase
07. HORSE POWER	2 x 880 BHP @ 2100 RPM	18. NAVIGATION & COMMUNICATION EQUIPMENT	
08. OWNER	Seabird Ship Management, Inc.	a) Marine VHF x 2	Yaesu and Icom
09. PERFORMANCE		b) Marine SSB Radio	Icom IC – M700
Maximum Speed	16.1 knots (Sea trial when new)	c) GPS	Magellan 1200 XL
Endurance	30 days @ 5 knots 15 days @ 10 knots	d) Echo Sounder	Furuno
10. FUEL CONSUMPTION		e) Radar	Furuno
Full Speed or (5 Knots)	3 tons per day or (1.0 tons per day)	f) Compass	Electronics fluxgate compass &KVW
Gen-Set	5 Litres / hour	g) Steering Gear	Nautiservo Krampe Servo Powered Hydraulic
11. MAIN CHARACTERISTICS		19. DECK PIPING CONNECTION	
Length O.A.	28.95 M	a) Portable Water	2", 2.5" & 3" female quick release coupling
Breadth Moulded	6.40 M	b) Fuel Oil	2", 2.5" & 3" female quick release coupling
Depth Moulded	3.05 M	20. ACCOMMODATION	Fully air conditioning
Maximum Draft	1.83 M	a) Seating	24 Passengers
GRT / NRT	142 / 42 tons	b) Cabins	2x1 Berth Cabin, 1x8 Berth Cabin (10 Berths)
12. CAPACITY		21. FIRE FIGHTING EQUIPMENT	
Deck Cargo	2 tons per square meter	a) Portable Fire Extinguisher	12 x Approved Portable Fire Extinguisher
Deck Space	10.1 M x 5.8 M	b) Fixed Fire Extinguisher	45 KG CO ₂ Engine room flooding system
Free Deck Space	Approximately 59 square meters	20. LIFE SAVING APPLIANCES	As per SOLAS 74/78 and part of Registry requirements
Fuel Oil	30,635 Liters	21. OTHER EQUIPMENT	
Fresh Water	12.31 Tons	a) Liferafts	2 x 25 men & 2 x 6 men
13. ANCHOR / WINDLASS CHAIN	Nautiservo Krampe, 4 Tons pull 2.80 KG Anchor 5 Shackle each PORT and STBD	b) Manoverboard	2 x Comet
14. PUMPS		c) Forward Deck Flood Light	1 x 1000W deck flood light
Fuel Oil Transfer Pump	Viking GC195	d) Aft Deck Flood Light	2 x 1000W deck flood light
Bilge / Fire pump	Desmi – SA50 180		
Portable Fire Pump	Yamar – YDP 30E & Robin – EY15D		
15. CAPSTAN	5 tons pull 10M/Min		