



## CHRISTIANSSEN V (ex MARINE TUTONG)

TUG/31.09M(1760 H.P.) SEISMIC/SCOUTING/AREA/CREW CHANGE/PASSENGER/OFFSHORE SUPPORT VESSELS

### TECHNICAL SPECIFICATIONS

Item	Specification	Item	Specification
<b>01. VESSEL NAME</b>	<b>CHRISTIANSSEN V</b>	<b>16. PROPULSION / MACHINERY</b>	
<b>02. VESSEL TYPE</b>	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-005339 ENGINE SERIAL # PORT – 16VF-8162-7400 16VF-015779
<b>03. CLASSIFICATION</b>	Filipino Vessels Class. Sys. Assn. Inc.	b) Reduction Gear	2.92 : 1 Ratio
<b>04. PORT / REGISTRY</b>	Manila	c) Propeller	2 x 4 bladed fixed pitch
<b>05. FLAGS</b>	Philippines	d) Bow Thruster	Schottel independent drive, with one ton thrust Type 250EZ-WP
<b>06. YEAR BUILT</b>	1982 by Cheoy Lee Shipyard H.K.	<b>17. GENERATORS</b>	G.M. Bedford 220 25KW 400 Volts 50 Hz 3 Phase
<b>07. HORSE POWER</b>	2 x 880 BHP @ 2100 RPM	<b>18. NAVIGATION &amp; COMMUNICATION EQUIPMENT</b>	
<b>08. OWNER</b>	Seabird Ship Management, Inc.	a) Marine VHF x 2	Yaesu and Icom
<b>09. PERFORMANCE</b>		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
<b>10. FUEL CONSUMPTION</b>		e) Radar	Furuno
Full Speed or (5 Knots) Gen-Set	3 tons per day or (1.0 tons per day) 5 Litres / hour	f) Compass	Electronics fluxgate compass &KVW
<b>11. MAIN CHARACTERISTICS</b>		g) Steering Gear	Nautiservo Krampe Servo Powered Hydraulic
Length O.A.	28.95M	<b>19. DECK PIPING CONNECTION</b>	
Breadth Moulded	6.40 M	a) Portable Water	2", 2.5" & 3" female quick release coupling
Depth Moulded	3.05 M	b) Fuel Oil	2", 2.5" & 3" female quick release coupling
Maximum Draft	1.83 M	<b>20. ACCOMMODATION</b>	Fully air conditioning
GRT / NRT	142 / 42 tons	a) Seating	24 Passengers
<b>12. CAPACITY</b>		b) Cabins	2x1 Berth Cabin, 1x8 Berth Cabin (10 Berths)
Deck Cargo	2 tons per square meter	<b>21. FIRE FIGHTING EQUIPMENT</b>	
Deck Space	10.1 M x 5.8 M	a) Portable Fire Extinguisher	12 x Approved Portable Fire Extinguisher
Free Deck Space	Approximately 59 square meters	b) Fixed Fire Extinguisher	45 KG CO <sub>2</sub> Engine room flooding system
Fuel Oil	30,635 Liters	<b>20. LIFE SAVING APPLIANCES</b>	As per SOLAS 74/78 and part of Registry requirements
Fresh Water	12.31 Tons	<b>21. OTHER EQUIPMENT</b>	
<b>13. ANCHOR / WINDLASS CHAIN</b>	Nautiservo Krampe, 4 Tons pull 2.80 KG Anchor 5 Shackle each PORT and STBD	a) Liferafts	2 x 25 men & 2 x 6 men
<b>14. PUMPS</b>		b) Manoverboard	2 x Comet
Fuel Oil Transfer Pump	Viking GC195	c) Forward Deck Flood Light	1 x 1000W deck flood light
Bilge / Fire pump	Desmi – SA50 180	d) Aft Deck Flood Light	2 x 1000W deck flood light
Portable Fire Pump	Yamar – YDP 30E & Robin – EY15D		
<b>15. CAPSTAN</b>	5 tons pull 10M/Min		

All data stated herein have complied with all possible care. However, no guarantee is given of the correctness hereof.