



## M/T CHRISTIANSEN I

34M (1600 H.P.) AREA / TUG / SUPPLY / CREW BOAT / OFFSHORE SUPPORT VESSEL

### TECHNICAL SPECIFICATIONS

<u>Item</u>	<u>Specification</u>	<u>Item</u>	<u>Specification</u>
<b>01. VESSEL NAME</b>	<b>M/T CHRISTIANSEN I</b>	<b>14. PROPULSION / MACHINERY</b>	
<b>02. VESSEL TYPE</b>	Tug / Offshore Support Vessels	a) Main Engines	2 x Yanmar 12LAA-DTE @ 1800 rpm
<b>03. CLASS</b>	Filipino Vessels Classification Systems Association, Inc.	b) Reduction Gear	3.5 : 1 Ratio
<b>04. PORT / REGISTRY</b>	Manila	c) Propeller	2 x 4 bladed 924mm fixed pitch
<b>05. FLAGS</b>	Philippines	d) Bow Thruster	Schottel independent drive. with one ton thrust
<b>06. YEAR BUILT</b>	1987 by Nam Cheong Dockyard, Miri.	<b>15. GENERATORS</b>	2 x 64 KW Alternators Driven By CUMMINS Diesel Engine, Model: 6BT5.9-G2M
<b>07. HORSE POWER</b>	1600 BHP @ 1800 RPM	<b>16. NAVIGATION &amp; COMMUNICATION EQUIPMENT</b>	
<b>08. PERFORMANCE</b>		a) Marine VHF x 2	Standard and Furuno
Maximum Speed	10 knots	b) GPS	Furuno GP-31
Endurance	20 days Continuous	c) Echo Sounder	Lowrance X 49
<b>09. FUEL CONSUMPTION</b>		d) Radar	Furuno RDP 104
Full Speed	2 X 69 L/Hr: 3,300 L/Day	e) Compass	Major
Gen-Set	2 x 10 L/hr	f) Public Address	Raytheon Rax 930
Gen-Set w/ Thruster	15 L/Hr	<b>17. DECK PIPING CONNECTION</b>	
<b>10. MAIN CHARACTERISTICS</b>		a) Portable Water	2", 2.5" & 3" female quick release coupling
Length O.A.	31.61 M	b) Fuel Oil	2", 2.5" & 3" female quick release coupling
Breadth Moulded	7 M	<b>18. ACCOMMODATION</b>	Fully air conditioning system
Depth Moulded	3.42 M	a) Seating	30 Passengers
Summer Loaded Draft	2.1 M	b) Cabins	1 x 4 men, 1 x 2 men & 2 x 1 man Cabin (8 Berths)
Loaded Displacement	296.94 Tons	<b>19. FIRE FIGHTING EQUIPMENT</b>	
Lightship	140.08 Tons	a) Portable Fire Extinguisher	8 x Approved Portable Fire Extinguisher
Deadweight	156.86 Tons	b) Fixed Fire Extinguisher	CO2 Engine room flooding system
GRT / NRT	181 / 54 Tons	c) Fire Monitor	1 x 50 m3 / hr x 110 m Head
<b>11. CAPACITY</b>		<b>20. LIFE SAVING APPLIANCES</b>	As per SOLAS 74/78 and part of Registry requirements
Deck Cargo	3 tons per square meter	<b>21. OTHER EQUIPMENT</b>	
Deck Space	12 M x 6 M	a) Liferafts	2 x 20 pax
Fuel Oil	56 Tons	b) Forward Deck Flood Light	1 x 1000W deck flood light
Fresh Water	30 Tons	c) Aft Deck Flood Light	2 x 1000W deck flood light
<b>12. ANCHOR / WINDLASS</b>	2 x 100 KG Anchor Robertson, 2 Tons pull		
<b>13. PUMPS</b>			
Fuel Oil Transfer	Desmi S322		
Fire Pump	KASHIWA Electric w/ manual operation system for foam & water		
Portable Fire	Yanmar – YDP 30E		