

**M.V. ALBATROSS -01**



<b>GENERAL</b>		<b>WHEEL HOUSE</b>	
Vessel Name	M.V. ALBATROSS 01	Reference System  Joy Stick  GMDSS  RADAR  Communication /Data  Others  Search Lights  Controls	DGPS X2Nos. FANBEAM, MRU X2 Nos., Wind sensor X2 Nos. GYRO X2 Nos.  At both console & Two wing.  Area 3  2Nos. X band with ARPA  1x Inmarsat Fleet broad band  PA System. 2 X Sat – C, 2XDSC VHF, MF/HF DSC, SSB, 2 X SART, NAVTEX, EPIRB, AIS, GMDSS W/T 2Nos., Portable VHF 3 Nos., Eco sounder  2Nos.  Bridge Forward & Aft controls
Vessel Type	ANCHOR HANDLING TUG CUM SUPPLY VESSEL, (SF) AGNI-1		
Built /Year	NOV 1984		
Class	IRS		
Call sign/ Official NO	VWQK/ 2038		
IMO NO	8308458		
MMSI NO	419255000		
<b>DIMENSIONS</b>			
GRT	1310		
NRT	393		
Length OA	58.60M		
Breadth Molded	13.00M		
Depth Molded	06.75M		
Summer Draft (Load Line)	05.936M		
Dead Weight	1775 M/Ton		
<b>PERFORMANCE</b>			
Trial Speed (100%MCR)	10 knots @10 MT/day		
Service Speed (90% speed MCR)	8 knots@9MT/day		
Economic Speed	6.5 knots@8MT/day		
<b>CARGO CAPACITIES</b>			
Clear Deck Area	333M <sup>2</sup>		
Deck Strength	500 TONS, 5 TONNES/Sq. M		
Fuel Oil	750 KL		
Fresh Water	475 MT		
Water Ballast	347 MT		
Cement Tank 1&2 capacity	50.1 M <sup>3</sup> each		
Baryte Tank 3&4 capacity	50M <sup>3</sup> & 48 M <sup>3</sup>		
<b>CARGO PUMPS</b>			
Fuel Oil Cargo	100M <sup>3</sup> /HR @75m HEAD		
Fresh Water Cargo	50M <sup>3</sup> /HR @75m HEAD		
Drill Water	200M <sup>3</sup> /HR@75m HEAD		
Cement & Baryte	Pumping capacity of 2*530CF @60PSIG Each of 50.3M <sup>3</sup> Bulk Discharge rate 70 T /Hr @50M Head		
<b>EXTERNAL FIRE FIGHTING</b>		<b>PROPULSION</b>	<b>Diesel Electric</b>

Fi-Fi Class 1	2X1200M <sup>3</sup> /Hr water Monitors, Local & Remote Control	Main Engines	FOUR DIESEL ENGINE, MAKE DAIHATSU 06 CYLINDER INLINE 4 STROKE, SINGLE ACTING DIRECT INJECTION DEVELOPING 1350 BHP X 4 = 5400 BHP
<b>LIFE SAVING EQUIPMENTS</b>			
Rescue Boat & Davit	1 No, 06 Persons (SOLAS Approved) Davit Single Arm SWL 1T	Type of Propulsion	TWIN SCREW, CPP SYSTEM
Life Rafts	1 No FRC 06 Persons capacity	Shaft Generators	850KVA, 50Hz, 3Phase X2 Nos.
LSA/FFA	4X25 persons	Bow Thrusters	MAKE -KAMOME ELECTRIC DRIVEN CPP.368 KW = 494 HP
Fire Fighting Internal	As per SOLAS requirement	Aux generators	2 NOS. AE CUMMINS USA 380 V 306KVA AC 3 PHASE 50Hz
Other	Fire Main incl Emergency system, Fire Detection System, Fixed Halon system Rescue Zone BA sets, Stretcher, Passenger Basket	Steering gear	TWIN RUDDER HS 40-20 ROTARY VANE, TYPE ELECTRO HYDRALIC STEERING. USUKI FRYDENDO
<b>ACCOMMODATION</b>	33Nos.		
One Man Cabin	08 Nos., Captain/C Eng cabin Attached toilet		
Two Men Cabin	06 Nos.		
Six Men Cabin	02 Nos.		
Mess Room	02 Nos.		
Others	Hospital with toilet, Other 06 toilet. Dry, Veg, Meat, Fish store rooms		
<b>MISCELLANEOUS</b>		<b>DECK MACHINERY</b>	<b>Electro - Hydraulic</b>
Flow Meter	01 No.	Tugger Winch	HYDRALIC BAATTVAG 10Tons X2Nos.
Purifier	01 Fuel oil ALFA LEVAL	Capstan	HYDRALIC BAATTVAG 05 Tons X2Nos.
Tank Gauging	F/oil, Fw tank sounding system	Crane	ELECTRIC, SWL 2T, Max out Reach 6M
Anti Roll	Passive Stabilizing Tank	Anchor Windlass	HYDRALIC BAATTVAG 11 TONS
Sewage Treatment	MARPOL APPROVED, 13 M <sup>3</sup>	Towing Winch	Wire Cap 1100M, 58mm Dia
Garbage Disposal	MARPOL Compliance	Shock Load/ Line Pull	Bollard pull 60 Tons
OWS	3M <sup>3</sup> /Hr	Shark Jaw	150 MT
		Stern Roller	125 MT
		Brake Capacity	3.8 M x 1.83 M
		Drum Capacity	200 MT
			1000 M x 56 MM