

M.V. ALBATROSS -07
VESSEL SPECIFICATION



GENERAL		WHEEL HOUSE	
Vessel Name	M.V. ALBATROSS 07	Reference System	DGPS X 2Nos, FANBEAM, MRU X 2Nos, Wind Sensor X 2 Nos., GYRO X 2 Nos.
Vessel Type	OFFSHORE SUPPLY VESSEL	Joy Stick	At both console & Two wing.
Built /Year	JAN 1985	GMDSS	Area 3
Class	IRS	RADAR	2Nos X band with ARPA
Call sign/ Official NO	VWSB/2044	Others	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
IMO NO	8308513	Search Lights	2Nos
MMSI NO	419264000	Controls	Bridge Forward & Aft controls
DIMENSIONS		PROPULSION	Diesel Electric
GRT	1310	Main Engines	FOUR DIESEL ENGINE, MAKE DAIHATSU OF 6 CYLINDER VERTICAL LINE 4 STROKE, SINGLE ACTING DIRECT INJECTION DEVELOPING 1350X4 BHP (5400)
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		
PERFORMANCE			
Trial Speed (100%MCR)	10 knots @ 11 KL /day		
Service Speed (90% speed MCR)	8 knots@ 9.5 KL/day		
Economic Speed	6.5 knots@ 8.5 KL/day		
CARGO CAPACITIES			
Clear Deck Area	333M ²		
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 ³ each		
Barite Tank 3&4 capacity	50M ³ & 48 M ³		
CARGO PUMPS			
Fuel Oil Cargo	70M ³ /HR @75m HEAD		
Fresh Water Cargo	100M ³ /HR @75m HEAD		
Drill Water	200M ³ /HR@75m HEAD		
Cement & Barite	Pumping capacity of 2*530CF @60PSIG Each of 50.3M ³ Bulk Discharge rate 35 T /Hr@50M Head		

		Type of Propulsion	TWIN SCREW, CPP SYSTEM
LIFE SAVING EQUIPMENTS			
Rescue Boat & Davit	1 No, 06 Persons (SOLAS Approved) Davit Single Arm SWL 1T	Shaft Generators	850KVA, 50Hz, 3 Phase X2 Nos
Life Rafts	1 No FRC, 06 Persons capacity	Bow Thrusters	MAKE –KAMOME ELECTRIC DRIVEN CPP. 560 HP
LSA/FFA	4X25 persons	Aux generators	2 NOS AE CUMMINS USA 380 V 306KVA AC 3 PHASE 50Hz
Fire Fighting Internal	As per SOLAS requirement	Steering gear	TWIN RUDDER HS 40-20 ROTARY VANE, TYPE ELECTRO HYDRALIC STEERING. USUKI FRYDENDO
Other	Fire Main incl Emergency system, Fire Detection System, Fixed Halon system Rescue Zone, BA sets, Stretcher.		
ACCOMMODATION	33Nos		
One Man Cabin	08 Nos, Capt/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		
MISCELLANEOUS		DECK MACHINERY	Electro - Hydraulic
Flow Meter	01 Nos	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	MARPOLE APPROVED, 13 M ³	Towing Winch	Wire Cap 1100M, 58mm Dia
Garbage Disposal	Marpol Compliance	Shock Load/ Line Pull	Bollard pull 60 Tons
OWS	3M ³ /Hrs	Shark Jaw	150 MT
RO Plant Retrofitted	Yr. 2007, 19.2T/Day SLCESD21	Stern Roller	125 MT
		Brake Capacity	3.8 M x 1.83 M
		Drum Capacity	200 MT
			1000 M x 56 MM