

**SEA SHIELD**  
4610 BHP , AHTS



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Principal Particulars		Machinery	
Call Sign	9LU2846	Main Engine	2 X 2305 BHP 2EMID 12 - 645 - E7BA
IMO Number	8213110		
Year Of Built	1983	Main Generator	2- GM 8V 71,250 kw 110/220/440 VAC 60 HZ 1-GM8 V 71
Port of Registry	Free Town		
Builder	Halter Marine INC., New Orleans, LA , USA	Bow Thruster	1X GM871,300HP
Flag	Republic of Sierra Leone	Propulsion	2 fixed propellere
Class	MARITIME LLOYD	Rudders	2
Notation	VA1 , Supply Vessel		

Dimension		Performance	
Length Overall	52.6 M	Bollard Pull	60 T
Depth Moulded	4.5 M	Total BHP	4610 BHP
Beam, moulded	12.2 M	Speed - Average/ Fuel Consumption	10 knots @ 5 Ton / Day
Full Load Draft	3.9 M		
Gross Tonnage	976.9 T	Speed- Maximum / Fuel Consumption	12 knots @ 7 Ton / Day
Net Tonnage	560.2 T		
		Fuel Consumption in Port	0.5 Ton / Day

Pumping Rates		Navigational Equipment	
Fuel	400 GPH 180 TDH	Radar(s)	2 Furuno-70b2
Potable Water	400 GPH @180TDH	Radio(s)	Sailor RT -2048 (2)
Drill Water	400 GPH@ 180 TDH	Vhf (dsc)	Furuno fm-8500 (1)
Bulk Cement	700 CU.PT/H @120 FT	Ssb Furuno	fs-1550 (1)
Barite	700 CU.PT/H @120 FT	Gyro Compass	Sperry MK 37
Liquid Mud	700 BBLs/H @150 FT	Fathometer	860/2650
		Auto Pilot	furuno Fap.5001
		Depth recorder	Furunon and Kodiak

Cargo Capacities		Equipment	
Clear Deck Area	122 M <sup>2</sup>	Tow wire	1000 M /50 MM
Deck Strength	5 t/M <sup>2</sup>	Sparewir	1000 M /50 MM
Fuel Oil Cargo	388 M <sup>3</sup>	Winch	one hydraulic winch ,5tons
Potable Water	288 M <sup>3</sup>	Model	SMATCO 72 DAW
Water	626 M <sup>3</sup>	Line Pull	253, 120lbs, single line pull
Displacement Load Line	1,844 t/M <sup>2</sup>	Capstan	(2) Hydraulic Braatvaag
Liquid Mud	230 M <sup>3</sup>	Stern Roller	5 ft Diameter/ 8 ft Wide
Cargo winch	1 hydraulic winch 5t	Tow Pins	(2) Hydraulian
Walk-In Cooler	8 M <sup>2</sup>	Pelican Hook	Alpha Type German Made
Bulk Tanks	141 M <sup>3</sup>	Rescue Zone	Port & Starboard Side
		Water Maker	15T/Day Reverse Osmosis
		Oily Water separator	1 x 1 M <sup>3</sup> /hr MARPOL standard
		Sewerage treatment plant:	1 X 40 men per day
		Combined two drum heavy duty anchor handling & towing winch SMATCO 72 DAW - 250, Double-drum,	

Fire Fighting Equipment		Accommodation	
3/4 FiFi 1	2 fire monitors -- 4 x 450 M <sup>3</sup> /hr 1800 M <sup>3</sup> /hr Foam	Berth cabins	3 X 1
Foam Tanks capacity	15.6 M <sup>3</sup>	Berth cabins	1 X 2
Anti Pollution Equipment	Two booms with nozzles, one on each side. 8 M long	Berth cabins	1 X 5
		Berth cabins	3 X 2
		Crew	8
		Passengers	17
		Total	25

