



HERCULES MARITIME LIMITED

Warri, Nigeria

Boats, Offshore Supply Boats, Line Boats, Offshore Barges & Port Agents

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Name	MV "Princess Mann"			
IMO Number	8213067	CLASS	IRS	
GRT	804	NRT	241	
External Audits	OVID - Offshore Vessel Inspection Database CMID - Common Marine Inspection Document			
Port of Registry	Lagos, Nigeria			
Year of Build	1982			
PRINCIPAL DIMENSIONS				
Length, Overall	192.5 ft	58.7 m		
Beam	40.0 ft	12.2 m		
Depth	15.0 ft	4.6 m		
Maximum Draft	12.8 ft	3.9 m		
Light Draft	8.0 ft	2.1 m		
Freeboard	2.2 ft	0.7 m		
Displacement at Load line	1,796.0 lt	1,824.7 t		
Deadweight	1,012.0 lt	1,028.2 t		
Clear deck Space	107 x 32 ft	32.6 x 9.7 m		
Deck Strength	540.0 lb/ft ²	2.6 t/m ²		
Minimum Height	44.2 ft	13.5m		
CAPACITIES		TOW & ANCHOR HANDLING		
Deck Cargo	665 lt	675.6 tons	Winch	Smatco
Cargo Water	211,400 gal	799,600 litres	Model	72DAW250-DISC
Fuel	184,922 gal	700,000 Litres	Line Pull	350,000 lbs
Portable Water	9,000 gal	34,068 Litres	Capacity	400 ft of 2.00in
Lube Oil	1,034 gal	3914 Litres	Tugger (1)	Smatco HT25-10
Walk-in Cooler	270 ft ³	7.7 m ³	Line Pull	10,000 lbs
Walk-in Freezer	230 ft ³	6.5 m ³	Stern Roller	5 ft x 8 ft
			Bollard Pull	60 Tons
			Tow Pins	Fritz Culver FCTP1018
MACHINERY		VESSEL MOORING		
Main Engines (2)	EMD 12-645E78		Windlass	Smatco 1500EAD30
Horsepower	4610		Anchors (2)	2000 lb. Danforth
Gears (2)	Lufkin RHS2322; 3:1 Ratio		Chain (per side)	2,880 ft of 1.50 in
Propellers (2)	4-Blade; 90 Inch x 70 Inch		ELECTRONICS	
Primary Generators (2)	125 kW 450V 60hz		Radars	2
Driven by	GM 8V-71		Radios SSB	3
Bow Thruster (1)	Schottel S152L		Gyro Compass	1
Driven by	GM 8V-71 300 HP		Fathometer	1
Thrust (Max)	5 st 4.1 t		Auto Pilot	1
ACCOMMODATION		SPECIAL EQUIPMENT		
Staterooms	(18) 2 Men (1) 2 Men		Fire Fighting	Yes
Total Certified to carry	25		Welding Machine	Lincoln Ideal arc 250
Galley Seating	10		Zodiac with outboard engine	
Air Conditioning	Yes			
Make/Model	Carrier 15 tons			
PERFORMANCE				
Speed Vs Fuel Consumption – Assuming fair weather				
	Speed	Fuel Consumption		
Maximum	13knt	681 ltrs/hr		
Cruising	10knt	378 ltrs/hr		
Economical	8knt	268 ltrs/hr		
Standby (generators only)	0knt	34 ltrs/hr		
Range @ 10.0 knots	10knt	378 ltrs/hr		
Transfer Rates				
Cargo Water	460 gpm @ 180 ft		104.0 t/h @ 55.0 m	
Fuel Oil	280 gpm @ 180 ft		54.0 t/h @ 55.0 m	

Notice: The data contained herein is provided for convenience of reference, to allow users to determine the suitability of the company's equipment. The data may vary from the current condition of equipment which can only be determined by physical inspection. The company has exercised due diligence to ensure that the data contained herein is reasonably accurate.

However, the company does not warrant the accuracy or completeness of the data. In no event shall the company be liable for any damages whatsoever arising out of the use of the data contained herein.

