



Rodson Universal Inc

www.rodson.com

info@rodson.com

Ref dm1157

AHTS

Year Built	1979, Rebuilt - July 2004
Tonnage:	
GRT	689
NRT	206

CHARACTERISTICS

Length Overall	54.9 Meters
Beam	12.2 Meters
Depth	4.3 Meters
Maximum Draft	3.7 Meters
Light Draft	2.0 Meters
Freeboard	0.6 Meter
Displacement at Summer	1,651 T
Dead Weight	950 T
Clear Deck Space	31.70 x 9.8 Mtrs
Deck Strength	2.6 T/M2
Minimum Height above water	13.1 Meters

PERFORMANCE

Speed vs Fuel consumption	
Maximum	12 Kts / 137 gph
Cruising	10 Kts / 88 gph
Economical	8 Kts / 57 gph
Standby	0 Kts / 15 gph
Range (Knots)	10,200 Nm
Cargo Water	460 gph @ 180 Ft
Fuel Oil	310 gph @ 175 Ft
Bulk	18 gph @ 170 Ft

MACHINERY

Main Engines (2)	EMD 16-567C ; 3320 BHP
Gears (2)	Reintjes WGV 481
Propellers (2)	4-Blade; 90 x 81 inch
Primary Generators (2)	150 KW/450V/60HZ
Driven By	GM 12 V-71
Bow Thruster	Murray & Tregurtha 42 BT300
Driven By	GM 8V-71 230 HP



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TOWING WINCH

Winch	Smatco Dbl Drum WF
Model	66 DAW 200
Line Pull	Gearmatic 11-S-EC
Tugger (1)	10,000 Lbs
Stern Roller	5 Ft x 8 Ft

CAPACITIES

Deck Cargo	406.4 Tons
Cargo Water	343 Tons
Fuel Oil	290.2 Tons
Potable Water	64.3 Tons
Lube Oil	13.4 Tons
Bulk Tanks (4)	121.8 M ³
Walk-In Cooler	11.3 M ³
Walk-In Freezer	8.5 M ³

ELECTRONICS

Radars	1
Radios	SSB - 4
Gyro Compass	1
Satellite Navigator	1
Echo Sounder	1
Radio Direction Finder	1
Auto Pilot	1

SPECIAL EQUIPMENTS

Fire Fighting	1 Monitor 1000 GPM @ 350 FT
Oil Dispersant System	Yes
Rescue Boat	Avon Searider (9 persons)

ACCOMMODATIONS

Galley Seating	10
Air Condition /Heating	Carrier 5 Ton

VESSEL MOORING

Windlass	Fritz Culver FCWH-6
Anchors (2)	2,500 lbs Danforth (1125Kg)
Chain (Per Side)	2,070 Ft of 1.25 inch (32mm)



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