

TRITON FREEDOM



Characteristics

Length, Overall.....	177.0 ft
Beam.....	38.0 ft
Depth.....	14.0 ft
Maximum Draft.....	11-11 3/8.0 ft
Light Draft.....	10.6 ft
Freeboard.....	2 ft
Displacement at Loadline.....	765.35 lt
Deadweight.....	771.19 lt
Clear Deck Space.....	1026 ft ²
Deck Cargo	54 tons
Minimum Height.....	52.0 ft

Capacities

Fuel Oil.....	242.18 tons
Potable Water.....	42.32 tons
Lube Oil.....ME.....	462 gal
Lube Oil Generators.....	210 gal
Lube Oil Hydraulic.....	210 gal
Waste Oil Tank.....	1478 gal
Walk-in-Cooler.....	280 ft ²
Walk-in-Freezer.....	280 ft ^{2b}

Machinery

Main Engines.....	(2) - E M D 8-645-E2
Horsepower.....	1,930
Gears.....	(2) - Falk 0830 MR 3:1 Ratio
Propellers.....	(2) - 4 blade S/S 74"X68" with 6
¾ inch shaft	
Primary Generators.....	(2) - 99 KW / 440V / 60 hz
Driven by.....	DD 6-71 @ 1800 RPMs
Bow Thruster.....	Yes
Driven by.....	DD 8V-71 300 HP
Thrust (Max).....	4 st 3.4 t
Aux.....	1-150 KW Dive Support Generator

Performance

Speed VS Fuel Consumption (Assuming fair weather)	
Maximum.....	Approx. 10 knots at 137.0 gph
Cruising.....	Approx. 8 knots at 79.0 gph
Economical.....	Approx. 6 knots at 60.0 gph
Standby (Generator Only)	0 knots at 12.0 gph
Range @ 10.0 knots.....	Approx. 9,800 nm
Transfer Rates	
Fresh Water.....	500 gpm @ 160 ft 113.6 t/h
Fuel Oil.....	500 gpm @ 160 ft 113.6 t/h
Estimated Fuel Consumption..	1,200-1,500 gal pd 200 on 4-Point

Registration

Flag.....	United States	Home port: Amelia, LA
Official Number.....	555837	
Call Sign.....	WDC8936	
Builder.....	Halter Marine	
Hull Number.....	422	

Year Built.....	1973
Tonnage.....	214 GRT 145 NT
ABS classed.....	AMS Diving Service

Special Equipment

Fire Fighting.....	Yes
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Accommodations

Total Certified to Carry.....	35 (11 State Rooms)
Galley Seating.....	10
Air Conditioning/Heating.....	10 Tons

Electronics

Radar (s).....	2
Radio (s).....	VHF - 3 SSB - 1
Loudhailer.....	2
Magnetic Compass.....	1
Gyro Compass.....	1.....
Navigation Aid.....AIS.....	1
Fathometer.....	1
Auto Pilot.....	1
GPS.....	1
Communication.....	DTS Broadband Satellite
Comfort.....	TVRO Direct TV Receiver Internet Wireless Cafe

Moorings

Anchor.....	(4) - 8,000 lb
Type.....	Baldr
Winches.....	Amcon 385
Wire Length.....	5,000' of 1-1/8"
Capacity 14-layer.....	64,710 Single Line Pull at stall
Line Speed (FPM)	
High.....	251 10 th Layer 148 1 st Layer
Low.....	135 10 th Layer 63 1 st Layer

Utility Crane

Nautilus 15 ton.....	Pedestal Type (Downgraded while working offshore)
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