

# 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 <sup>2</sup>
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 <sup>2</sup>
Walk-in-Freezer.....	280 ft <sup>2b</sup>

## 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 3/4 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.....	Balldt
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 <sup>th</sup> Layer 148 - 1 <sup>st</sup> Layer
Low.....	135 - 10 <sup>th</sup> Layer 63 - 1 <sup>st</sup> Layer

## Utility Crane

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