



HERCULES
Offshore

M/V WHALE SHARK

260 CLASS LIFTBOAT

SPECIFICATION

Dimensions

Length x Beam x Depth (Overall; w/protrusions)

136.3 ft x 100.0 ft x 11.0 ft [41.6 m x 30.5 m x 3.4 m]

Length x Beam x Depth (Moulded Regulatory)

133.0 ft x 100.0 ft x 11.0 ft [40.5 m x 30.5 m x 3.4 m]

Draft (Summer Load-Line to Base-Line)

8.83 ft [2.7 m] (add 3.00 ft [0.9 m] f/protrusions)

Water Depth Max. (f/0 ft Penetr., 10 ft Air Gap, 3 ft Tidal)

210.0 ft [64.0 m]; max DWT <180ft [54.9m]

Displacement // Lightship // DWT // Leg + Pad

2,392.8 LT // 1,471.4 LT // 921.3 LT //

Leg Length (incl pad) x Outside Dia // Leg Qty & Type

260.0 ft x 8.25 ft [79.3 m x 2.5 m] // 3 Buoyant Tubular

Tower Height // Pad Dimensions

20.0 ft [6.1 m] // 35 ft x 16 ft x 3.5 ft [10.9 m x 4.9 m x 1.1 m]

Pad Pressures Preload (est. +30% disp; max bouy)

2.8 kips/ft2 [13.8 MT/m2]

Machinery

Generators

3 x CAT 3306 @ 165 kW ea; parallel (440V/60hz); E Gen 99kW

Main Engines // Propulsion

2 x CAT 3508B @ 960 bhp ea; tot 1,920 bhp // 2 x stern FPP

Speed Cruising // Max. // Thrusters

4 knots // 5 knots // 1 x bow tunnel 170 bhp

Fuel Consumption Cruising // Idle

40.3 gal/hr [152.5 L/hr] // 9.7 gal/hr [36.7 L/hr]

Crane Port (static; max reeving)

100.0 ST @ 18.0 ft [90.7 MT @ 5.5 m]; 23.5 ST @ 100 ft [90.9 MT @ 30.5 m]; fixed box boom; 4.7 ST fast line

Crane Starboard (static; max reeving)

17.1 ST @ 10 ft [15.5 MT @ 3.0 m]; 4.3 ST @ 60 ft [3.8 ST @ 18.3 m]; fixed box boom; 2.2 ST fast line

Jacking System & Speed

Double Rack & Pinion (12/leg); 3 to 6 ft/min [0.9 to 1.8 m/s]; 2,900 psig hyd closed fr/ME PTO; Fairfield S60A2 w/ Linde

Capacities (i.a.w. Deadweight & VCG Limits)

Bunks Total

159 w/120 in PAMS's; permanent 39 in House (crew 8 / catering 4 / charterer 27; subtract for 24-hr crew)

Deck Area Total // Open & Clear

8,170 ft2 [759 m2] // 5,787 ft2 [538 m2]

Deck Cargo // Loading

451.0 LT [458.2 MT; 1,010,150 lbs] // 540 lbs/ft2 [2.64 MT/m2]

Fuel Oil Tank

118,104 L [101.6 MT; 31,200 USG]; subtract 5% unfillable & 5% unpumpable

Fresh Water Tank

354,692 L [355.0 MT; 93,700 USG]; subtract 5% unpumpable

Regulatory

Registry // Class // Code // Route // Keel // Deliver

Panama // Lloyds // SOLAS // Restricted // 19AUG02 // 04APR05

Tonnage Gross & Net

1,142 & 342 Regulatory (1,142 & 342 ITC)

Shipyard // Hull # // Ex. Names // Mod. History

LaForce Shipyard Inc. (USA) // 140 // Mr. Joshua // 2008 Major Refurbishment & Upgrades, Sharjah, U.A.E.

Additional Features

Jetting System: external tension reel type f/air or water at 1,200 psig

Water Maker; Advanced Watertek, AWS-840-30; 1 x 30,000 L/Day

V-SAT fr/RigNet: upto 2MB via WiFi & LAN hard-wire; w/VOIP phones

Gangways: 40 ft [12.2m] & 20 ft [6.1 m]

Compressors: 2 x 140 psig fr/7.5kw w/2 x 120 USG receivers

Safety Features

Lifeboats: 2 x 80 POB Lifeboats for 160 total POB w/H2Scascade (extra LSA)

Liferafts: 200% (100% per side) for 160 total POB

Fast Rescue Boat; Fassmer RR4.2 (6 POB); 36 bhp diesel outboard; davit

H2S/LEL Sys: w/pos. press HVAC accomm & refuge; fixed gas detection/alarm

Split engine room for redundancy in: propulsion, jacking, and electrical generation

Mechanically driven: props, jacking, & auxiliaries - for enhanced reliability

Fail-safe jacking system with hydraulic-mechanical interlocks

