



HERCULES
Offshore

M/V KINGFISH

230 CLASS LIFTBOAT

SPECIFICATION

Dimensions

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

Length x Beam x Depth (Moulded Regulatory)

Draft (Summer Load-Line to Base-Line)

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

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

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

Tower Height // Pad Dimensions

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

142.2 ft x 79.0 ft x 13.0 ft [43.4 m x 24.1 m x 4.0 m]

133.5 ft x 79.0 ft x 13.0 ft [39.1 m x 24.1 m x 4.0 m]

9.21 ft [2.81 m] (add 5.4 ft. [1.6m] f/protrusion)

188.0 ft [57.3 m]

2,305.0 LT // 1,387.5 LT // 917.5 LT //

232.9 ft x 5.8 ft [71.0 m x 1.8 m] // 3 Buoyant Tubular

12.8 ft [3.9 m] // 36 ft x 14 ft x 4 ft [11 m x 4.3 m x 1.2 m]

Varies w/depth & loading; approx. 1/3 of drilling rig

Machinery

Generators

Main Engines // Propulsion

Speed Cruising // Max. // Thrusters

Fuel Consumption Cruising // Idle

Crane Port (static; max reeving)

Crane Starboard (static; max reeving)

Jacking System & Speed

2 x DD @ 150 kW ea; non-parallel (480v/60hz); E Gen 99kW

2 x DD 12V149TI @ 940 bhp ea; tot 1,880 // 2 x stern FPP

6 knots // 8 knots (calm seas) // 1 x bow tunnel 440 bhp

60.0 gal/hr [227.1 L/hr] // 4.2 gal/hr [15.9 L/Hr]

93.9 ST @ 20ft [85.2 MT@ 6.1 m]; 27.6 ST @ 110 ft [25.1 MT x 33.5 m]; lattice boom; 5.5 ST fast line

26.6 ST @ 10ft [24 MT @ 3.0 m]; 1.8 ST @ 40-70 ft [1.6 MT @ 12.2-21.3 m]; telescopic boom; 2.4 ST fast line

Dual Rack & Pinion (12/leg); 3 to 6 ft/min [0.9 to 1.8 m/s]; 3,800 psig hyd closed fr/ME PTO; Fairfield S60A2 w/ Linde

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

Bunks Total

Deck Area Total // Open & Clear

Deck Cargo // Loading

Fuel Oil Tank

Fresh Water Tank

120 w/84 in PAM's; permanent 36 in House (crew 8 / catering 4 / charterer 24; subtract for 24-hr crew)

5,000 ft2 [465 m2] // 4,802 ft2 [446 m2]

357.1 LT [362.9 MT; 800,000 lbs] // 540 lbs/ft2 [2.64 MT/m2]

153,415 L [131.93 MT; 40,528 USG]; subtract 5% unfillable & 5% unpumpable

227,980 L [227.98 MT; 60,226 USG] ; subtract 5% unpumpable

Regulatory

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

Tonnage Gross & Net

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

Panama // Lloyds // SOLAS // Arabian Gulf Restricted & <600nm voyages // 01NOV95 // 04FEB97

1,312 & 393 Regulatory (1,312 & 393 ITC)

Bollinger (USA) // 296 // 2012 Major Refurb. & Upgrades at AHI Shipyard, Ajman, U.A.E.

Additional Features

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

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: 50 ft [15.3m] & 20 ft [6.1 m]

Compressors: 2 x 200 psig fr/5.5kw @ 26 cfm

Safety Features

Lifeboats: 2 x 60 POB Lifeboats for 120 total POB w/H2Scascade (extra LSA)

Liferafts: 200% (100% per side) for 140 total POB

Fast Rescue Boat; Fassmer RR4.5 (6 POB); 29.5 bhp diesel inboard; davit

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

Fire Monitors: 3" x 2 mounted on fwd towers

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

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

