

M/V TIGER SHARK 230 CLASS LIFTBOAT

SPECIFICATIONS



HERCULES
Offshore

Dimensions

Length x Beam x Depth (Overall; w/protrusions)	137.0 ft x 78.0 ft x 14.0 ft [41.8 m x 23.8 m x 4.3 m]
Length x Beam x Depth (Moulded Regulatory)	131.5 ft x 78.5 ft x 14.0 ft [40.1m x 23.9 m x 4.3 m]
Draft (Summer Load-Line to Base-Line)	11.18 ft [3.41 m] (add 1.75 ft [0.53 ft] f/protrusion)
Water Depth Max. (f/0 ft Penetr., 10 ft Air Gap, 3 ft Tidal)	181.5 ft [55.3 m]; Op Man nominal 177 ft; max DWT at 142 ft [43.3 m]
Displacement // Lightship // DWT // Leg + Pad	2,100 LT // 1,332 LT // 768 LT //
Leg Length (incl pad) x Outside Dia // Leg Qty & Type	226.5 ft x 78 inch [69.0 m x 1.9 m] // 3 Buoyant Tubular
Tower Height // Pad Dimensions	12.0 ft [3.7 m] // 32 ft x 16 ft x 2.5 ft [9.8 m x 4.9 m x 0.8 m]
Pad Pressures Preload (est. +30% disp; max bouy)	Varies w/depth & loading; approx. 1/3 of drilling rig

Machinery

Generators	2 x CAT 3306 @ 170 kW ea; parallel (480v/60hz); E Gen 150 kW
Main Engines // Propulsion	2 x CAT 3508 @ 1,050 bhp ea; tot 2,100 bhp // 2 x stern FPP
Speed Cruising // Max // Thrusters	7 knots // 7.5 knots // Not Necessary
Fuel Consumption Cruising // Idle	70.0 gal/hr [265 L/hr] // 12.9 gal/hr [49 L/Hr]
Crane Port (static; max reeving)	<u>21.6 ST</u> @ 29 ft [19.64 MT @ 8.85 m] w/29 - <u>72 ft</u> [8.85 - 21.96 m] telescopic boom
Crane Starboard (static; max reeving)	<u>150 ST</u> @ 30 ft [136.36 MT @ 9.15 m] w/ <u>120 ft</u> [36.6 m] lattice boom
Jacking System & Speed	Double Rack & Pinion (6/leg); 3 to 6 ft/min [0.9 to 1.8 m/s]; 2,900 psig hyd closed fr/ME PTO; Braden LB1400

Capacities

Bunks Total	43 in House (crew 7 / catering 5 / charterer 31); subtract for 24-hr crew etc.
Deck Area Total // Open & Clear	5,300 ft2 [493 m2] // 4,059 ft2 [377 m2]
Deck Cargo // Loading	562.1 LT [571.1 MT; 1,259,081 lbs] // 750 lbs/ft2 [3.66 MT/m2]
Fuel Oil Tank	93,005 L [79.98 MT; 24,569 USG]; subtract 5% unfillable & 5% unpumpable
Fresh Water Tank	111,634 L [111.63 MT; 29,491 USG]; subtract 5% unpumpable

Regulatory

Registry // Class // Code // Route // Keel // Deliver	U.S. // Lloyds // SOLAS // Oceans // 15SEP00 // 28NOV01
Tonnage Gross & Net	1,403 & 420 Regulatory (1,403 & 420 ITC)
Shipyard // Hull # // Ex. Names // Mod. History	Conrad Industries // 692 // Ana // n/a

Additional Features

V-SAT fr/RigNet: upto 2MB via WiFi & LAN hard-wire; w/VOIP phones
Welding and Cutting Gear
Moon Pool
Steel Cabin

Safety Features

Oil spill containment kit, containment areas, and oily water separator
Medical Locker & STCW certified first-air providers with stokes litter f/helo evac
Split engine room for redundancy in: propulsion, jacking, and electrical generation
High speed jacking for improved safety during close-in platform positioning
Mechanically driven: props, jacking, & auxiliaries - for enhanced reliability
Fail-safe jacking system with hydraulic-mechanical interlocks
ISM compliant system (Permit to Work, LOTO, etc...)

