



**HERCULES**  
Offshore

# M/V BLACK JACK 200 CLASS LIFTBOAT

## SPECIFICATIONS

### Dimensions

Length x Beam x Depth (Overall; w/protrusions)	117.7 ft x 105.0 ft x 10.0 ft [35.9 m x 32.0 m x 3.0 m]
Length x Beam x Depth (Moulded Regulatory)	97.0 ft x 69.3 ft x 10.0 ft [29.6 m x 21.1 m x 3.0 m]
Draft Load-Line (Summer Load-Line to Base-Line)	8.31 ft [2.53 m] [add 1.17 ft [0.36 m] f/protrusions]
Water Depth Max. (f/0 ft Penetr., 10 ft Air Gap, 3 ft Tidal)	155.0 ft [47.2 m]
Displacement // Lightship // DWT // Leg + Pad	1,113.1 LT // 745.9 LT // 367.1 LT //
Leg Length (incl pad) X Outside Dia // Leg Qty & Type	200 ft x 66 inch [60.96 m x 1.68 m] // 3 Buoyant Tubular
Tower Height // Pad Dimensions	16 ft [4.87 m] // 35 ft x 17 ft x 2 ft [10.67 m x 5.18 m x 0.61 m]
Pad Pressures Preload (est. +30% disp; max bouy)	Varies w/depth & loading; approx. 1/3 of drilling rig

### Machinery

Generators	2 x Cummins 6CTA8.3 @ 160 kW ea; non-parallel (480v/60hz)
Main Engines // Propulsion	2 x Cummins KTA19-M3 @ 600 bhp ea; tot 1,200 bhp // 2 x stern FPP
Speed Cruising // Max // Thrusters	4 knots // 5 knots // Not Necessary
Fuel Consumption Cruising // Idle	60.5 gal/hr [229 L/hr] // 10.6 gal/hr [40 L/hr]
Crane Port (static; max reeving)	<u>15 ST</u> @ 15 ft [13.61 MT @4.57 m] w/fixed boom <u>60 ft</u> [18.30 m]
Crane Starboard (static; max reeving)	<u>70 ST</u> @ 9 ft [63.50 MT@ 2.75 m] w/fixed boom <u>100 ft</u> [30.50 m]
Jacking System & Speed	Double Rack & Pinion (8/leg); 8 ft/min [2.4 m/s]; 2,900 psig hyd closed fr/ME PTO; Lantec

### Capacities

Bunks Total	36 in House (crew 7 // catering 4 // charterer 25); subtract for 24-hr crew etc.
Deck Area Total // Open & Clear	4,000 ft2 [372 m2] // 3,292 ft2 [306 m2]
Deck Cargo // Loading	160 LT [162.5 MT; 358,400 lbs] // 500 lbs/ft2 [2.44 MT/m2]
Fuel Oil Tank	34,800 L [29.93 MT; 9,193 USG]; subtract 5% unfillable & 5% unpumpable
Fresh Water Tank	128,880 L [128.88 MT; 34,047 USG]; subtract 5% unpumpable

### Regulatory

Registry // Class // Code // Route // Keel // Deliver	Panama // Lloyds // SOLAS // <600 nm fr/ port of dep. to port of arr. // TBD // 01APR97
Tonnage Gross & Net	777 & 233 Regulatory (777 & 233 ITC)
Shipyard // Hull # // Ex. Names // Mod. History	Rodriguez Boat Builders // 155 // Mr. Joseph // 2008 Major refurbishment & upgrade

### Additional Features

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

### 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...)

