

M/V RUDDERFISH 150 CLASS LIFTBOAT

SPECIFICATIONS



Dimensions

Length x Beam x Depth (Overall; w/protrusions)	93.5 ft x 65.0 ft x 8.0 ft [28.5 m x 19.8 m x 2.4 m]
Length x Beam x Depth (Moulded Regulatory)	78.7 ft x 40.0 ft x 8.0 ft [24.0 m x 12.2 m x 2.4 m]
Draft (Summer Load-Line to Base-Line)	5.57 ft [1.70 m] (add 3.0 ft [0.91 m] f/protrusion)
Water Depth Max. (f/0 ft Penetr., 10 ft Air Gap, 3 ft Tidal)	105.0 ft [32.0 m]
Displacement // Lightship // DWT // Leg + Pad	562.0 LT // 371.0 LT // 191.0 LT
Leg Length (incl pad) x Outside Dia // Leg Qty & Type	145 ft x 42 inch [44.2 m x 1.1 m] // 3 Buoyant Tubular
Tower Height // Pad Dimensions	13 ft [3.96 m] // 24 ft x 12 ft x 2 ft [7.3 m x 3.7 m x 0.6 m]
Pad Pressures Preload (est. +30% disp; max bouy)	Varies w/depth & loading; approx. 1/3 of drilling rig

Machinery

Generators	2 x DD 6-71 @ 75kw ea; non-parallel (480v/60hz)
Main Engines // Propulsion	2 x DD 12v71N @ 510 bhp ea; tot 1,020 bhp // 2 x stern FPP
Speed Cruising // Max // Thrusters	5 knots // 7 knots // Not Necessary
Fuel Consumption Cruising // Idle	29.1 gal/hr [110 L/hr] // 5.3 gal/hr [20 L/hr]
Crane Port (static; max reeving)	53.6 ST @ 15 ft [48.73 MT @ 4.58 m] w/70 ft [21.35 m] fixed boom
Crane Starboard (static; max reeving)	10 ST @ 10 ft [9.09 MT @ 3.05 m] w/50 ft [15.25 m] fixed boom
Jacking System & Speed	Single Rack & Pinion (6/leg); 6 ft/min [1.8 m/s]; 5,000 psig hyd closed-loop fr/ME PTO; Braden

Capacities

Bunks Total	30 in House (crew 5 / catering 3 / charterer 22); subtract for 24-hr crew etc.
Deck Loading Max	73.75 ST [68.02 MT; 66.92 LT]
Deck Area Total // Open & Clear	3,000 ft ² [279 m ²] // 1,388 ft ² [129 m ²]
Deck Cargo // Loading	89.3 LT [90.7 MT; 200,010 lbs] // TBD lbs/ft ² [TBD MT/m ²]
Fuel Oil Tank	18,170 L [15.6 MT; 4,800 USG]; subtract 5% unfillable & 5% unpumpable
Fresh Water Tank	37,854 L [37.85 MT; 10,000 USG]; subtract 5% unpumpable

Regulatory

Registry // Class // Code // Route // Keel // Deliver	Panama // OMCS (LL only) // USCG NVIC 8-91 // Unrestricted navigation for water depth of 200ft // 1991 // 1991
Tonnage Gross & Net	310.0 & 93.0 Regulatory (310.0 & 93.0 ITC)
Shipyard // Hull # // Ex. Names // Mod. History	Bollinger [MIF] // 254 // Aimee Danos // n/a

Additional Features

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

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

