

RUMAILAH

Technical Specifications

Vessel Name	RUMAILAH		Helideck	
Type of Vessel	Self Elevating, Self Propelled lift boat		Helideck Diameter	72.80 ft
Builder's Hull Number	C3756		Helicopter Type	Silkorsky S92 A S-61N
Years Built	2011		Max Take off Load and Rotor Diam.	9268 kg /18m
Official Number	16256		Foam System:	3x Monitor
IMO Number	9701097		MAIN CRANE	
Call Sign	D5FG3		Main Crane 300 T (Stb Fwd)	Liebherr BOS 7500-300 Litronic Type: Electro-Hydraulic Boom Length: 42 m (47.4 incl Jib) Main hoist: 300 MT @ 9.4m - 18m radius Aux Hoist: 25 MT @ 47.6m (All radius)
MMSI	636016256		Max windspeed: 18m/s (mean)	
Classification	ABS		AUX CRANE	
Flag	Liberia		Aux Crane 100 T (Port mid)	Liebherr BOS 4200-100 Litronic Type: Electro-Hydraulic Boom Length: 30.7 m (35.6 incl Jib) Main hoist: 100 MT @ 7.6m - 26m radius Aux Hoist: 15 MT @ 37.9m (All radius)
Port of registry	Monrovia		Max windspeed: 18m/s (mean)	
Owner / Operator	GDI		Deck Loading Capacity	
Gross Tonnage	7395 Tons		Main Deck	7.5 MT/ m2
Net Tonnage	2219 Tons		Accommodation Deck	0.50 MT / m2
Dimensions:			Machinery Deck	1.5 MT / m2
Length (Included Helideck)	85.2 m / 279.5 ft		Engine Room	2.85 MT / m2
Length Overall (Hull)	63.0 m / 206.7 ft		House Top	1.00 MT / m2
Breadth (Moulded)	52.0 m / 170.6 ft		Tank Capacity	
Hull depth	9.315 m / 30.6 ft		Fuel Oil Tank	463.63 m ³
Leg Length (Included Spud can)	125 m / 410.1 ft		Lube Oil Tank	6.13 m ³
Bow to Fwd Legs	11.22 m / 36.8 ft		Fresh Water tank	606.95 m ³
Bearing Surface per can	156.17 m / 1680.99 ft ²		Preload Tank	9107.78 m ³
Spud Can Dia	14.0 m / 45.93 ft		Fuel Oil Day Tank	32.0 m ³
Longitudinal Leg Centers	35.46 m / 116.3 ft		Sewage Holding Tank	30.11 m ³
Transverse Leg Centers	36.62 m / 120.1 ft		Bilge Holding Tank	15.05 m ³
Limitations:			Void Tank	26.86 m ³
Maximum Variable Load Elevated:	1900 MT		Jacking System	
Maximum Variable Load Afloat:	1900 MT		Legs	Manufacturer: ZPMC
Maximum Water Depth	75 m		Max Load/Pinion:	3x Triangular Lattice / 125 m long incl spudcan
Total Bed Space	158		Spudcans:	Normal: 200MT / Preload: 320MT / Storm: 454MT
Max. Perons on Board	158 (Safety Certificate)		Pinions per leg:	Diameter: 14m / Projected area: 156,17 m ²
Power Generation and Propulsion:			Motors:	18
Main Engines: 4x	Wartsila Model 6L26 2040 kW @ 1000 rpm		Jacking Speed:	36 kW each
Main Generators: 4x	Alternators model Brushless 1972 kW or 2465 kVA IC81W- Watercooled		Leg Jetting:	0.8 m(normal)/1.6 m(high)/min Triplex Pump
Emergency Generator: 1x	Wartsila Cummins VTA 28 625 kVA @ 1500 rpm		Towing & Mooring	
Thrusters: 3x @ Stern	Wartsila LCT, Azimuth 360° Fixed pitch, Clockwise rotation 1750 kW @ 750 rpm / 256 rpm Diam: 2400mm / Blades: 4		Towing Bridle @ Stern:	Main Pendant: 300MT / 71 mm x 15 m Pendants: 300MT / 71 mm x 20m Chain: 300MT / 76mm x 4.5m Delta Plate: 150MT
Thruster: 1x @ Bow	Wartsila FT175M-D Tunnel thruster Fixed Pitch, Bi-directional 750 kW @ 985 rpm / 313 rpm Diam: 1750mm / Blades: 4		Anchor Winch:	Wire: 48mm x 700m / 175MT
Auxillary Equipment:			Anchor:	Delta Flipper 4.5MT
Seawater supply: 2x	Submersible Pumps - 3 Stage Flow max: 500 m ³ /hr @ 65.4m Motor: 111 kW (150 HP)		Smit Bracket:	4x150MT 2x @ Bow / 2x @ Stern
Water Maker: 2x	Reverse Osmosis 1x Gefico AQE-60D: 50 m ³ / 24hr 1x Gefico ACE300: 40 m ³ / 24hr		Panama Chock:	4 x150MT
Fire Pump			Bollards:	8 x 75 MT Suitable for Mooring
Bilge / Ballast Pump			Mooring Rope:	220m x 70MT MBL Poly Prop.
Anti Fouling System	Cathelco		Max Airgap limitation	
Environmental Protection equipment:			Main Crane Aux Hoist:	30 m
Oily Water Separator	Posidone Evo 5		Main Crane Main Hoist:	30 m
Sewage Treatment Plant	Ocean Clean (suitable for 158 persons)		Aux Crane Aux Hoist:	30 m
			Aux Crane Main hoist:	30 m
			Lifeboat Davits:	30 m
			Liferaft davits:	30 m
			Liferaft painterlines:	50 m
			Submersible Pump & Hose:	28 m
			Survival Craft	
			Life Boats:	4 X 80 person
			Life rafts:	6 x 25 & 1 x 8 Person each side
			Rescue Boat:	1 Lifeboat/Davit designed as RB
			Main Navigation Equipment	
			Auto Pilot, Joystick, Radar, Arpa, GPS, Echo Sounder, Gyro Compass, ECDIS, BNWAS, NDB, GMDSS Equipment.	