



## WHALE SHARK Technical Specifications

<b>Built</b>	:	<b>La Force Shipyard Inc. Bayou La Batre, Alabama</b>
<b>Date of Built</b>	:	<b>2006/07</b>
<b>Port of Registry</b>	:	<b>Kaoshiung</b>
<b>Signal Letters</b>	:	<b>BR4567</b>
<b>Ship ID</b>	:	<b>IMO no. 8988430</b>
<b>Class Society</b>	:	<b>DNV</b>
<b>Type of Vessel</b>	:	<b>Self Propelled, Self Elevating 260' Liftboat</b>
<b>Max POB</b>	:	<b>30 Permanent Bunks, Up to 120 total bunks</b>

### PRINCIPAL DIMENSIONS

	<b>Meters</b>	<b>Feet</b>
<b>Length Overall</b>	<b>40.54</b>	<b>133' Overall</b>
<b>Breadth</b>	<b>30.5</b>	<b>100' Overall</b>
<b>Depth</b>	<b>3.35</b>	<b>11'</b>
<b>Hull Shape</b>	<b>133'X100'X11'</b>	
<b>Leg length</b>	<b>79.25</b>	<b>260'</b>
<b>Spud Cans Width</b>	<b>4.88m</b>	<b>16'</b>
<b>Spud Cans Length</b>	<b>10.99m</b>	<b>35'</b>
<b>Spud Cans Depth</b>	<b>1.07m</b>	<b>3.5'</b>
<b>Min. Operational Draft</b>	<b>4m</b>	



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Operating Criteria	:	Jacking in water depths of up to 210 / 64 M of water
Deck Area	:	8170 Sq Ft / 759 Sq M without upgraded accommodations. Addition of accommodation capacity may decrease deck space, however, our engineers can work to minimize this space decrease.
Deck Loading	:	729,000 lbs. or 453 Metric Tons

### TONNAGE

Gross Tonnage	:	1142.00 tons
Net Tonnage	:	342.00 tons
Draft (Max)	:	2.69M                      8' 10"

### ENGINES, JACKING SYSTEM, CRANES

Fuel	:	151 liters / hour by engines, 1324 liters/day by generators Consumption.
Electrical plant	:	480 volts @ 60 Hz Power
Main Generators	:	(3) CAT 3306 / 165 KW Main
Engines	:	(2) CAT 3508B
(2) 1,920bhp		
Propellers	:	2 – 70" Diameter x 46" Pitch
Thruster	:	1 Bow Thruster Tunnel 492 bhp
JACKING	:	Rack & Pinion ( opposing) 30 Pinions , 10 per leg SYSTEM Jacking Speed 3 Ft/min Free (no load) 6.0 ft/min



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<b>Jetting System</b>	:	<b>EBR Services , 100hp Sulzer Pump Capacity 580.5 US gpm. 39 bar manifold max working pressure 600 PSI</b>
<b>CRANES</b>	:	<b>(1) Techrane F200 100 Ton Crane with 100' Fixed Boom, Port Bow Location (1) EBI-C-30-60 15 Ton Crane with 60' Fixed Boom, Starboard Bow Location</b>

### LIFE SAVING EQUIPMENT

<b>Liferafts</b>		<b>Number of liferafts as per regulatory requirements</b>
<b>Lifeboats</b>		<b>2 x 80 person Lifeboats</b>
<b>Fast rescue Boat</b>		<b>6 p a x . Fassmar Rescue Boat w/ Diesel Engine</b>

### COMMUNICATION AND NAVIGATION EQUIPMENT

**VSAT with VOIP / Internet available**

<b>Satellite phone</b>	:	<b>Thuruya Wideye SF2500</b>
<b>GMDSS MF/HF/DSC</b>	:	<b>Furuno</b>
<b>Navtex</b>	:	<b>Furuno</b>
<b>EPIRB</b>	:	<b>Jotron , Tron 60 AIS</b>
<b>SART</b>	:	<b>ACR Model #RTE-2707</b>
<b>Public Address</b>	:	<b>Standard Horizon</b>
<b>Ship Phone</b>	:	<b>Henschel</b>
<b>Vhf Radio</b>	:	<b>(2) Sailor fixed mount, (1) SEA 157, (1) Standard Horizon (6) Standard Horizon handled</b>



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### CAPACITIES

Diesel Fuel Storage Capacity	:	105,992 liters
Fresh Water Storage	:	Storage of 294,000 liters
Fresh Water Generation	:	30,283 liters/day RO Water Maker
Safety Systems	:	Fire Detection, H2S Detection, Tilt Alarm, Engine Alarm, CO <sub>2</sub> for engine room & Emergency Generator room