



## Grand Bahama Shipyard Limited MECHANICAL / MACHINE WORKS

Our comprehensive 22,000 ft<sup>2</sup> Mechanical Workshop capable of, but not limited to, providing the fabrication, machining and overhaul of various parts and components.

For enquiries and bookings please contact:  
Alandka Julien, Sales Administrator +1 242 350-4071 / [ajulien@gbshipyard.com](mailto:ajulien@gbshipyard.com)

For more information about GBSL services visit [www.grandbahamashipyard.com](http://www.grandbahamashipyard.com)

### Equipment

#### Lathe Machines:

- 200 L X 1200 Od mm
- 500 X 3200 mm
- 800 X 2500 mm

#### Milling Machine:

- 1300 mm X 1300 mm

#### Drill Press:

- 400 mm X 300 mm

#### Ultrasonic Tank:

- 1400 mm X 1000 mm

#### Surface Grinding Machine:

- 1000 mm

#### Vertical Boring Machines:

- 1400 X 1000 mm
- 2800 X 2000 mm

#### Horizontal Boring Machine:

- 1600 mm X 1400 mm X 1500 mm

#### In Place Machining:

- (Opening) 20 mm X 1500 mm
- (Opening) 80 mm X 3000 mm

#### Ship Side Welding Milling Machine:

- Removes excessive weld cap from hull to save fuel.

#### On-Site Sub-Contractors Can Provide:

- Valve And Seat Grinding
- Honing
- Turbo Overhaul With Balancing
- Me Overhauls
- Mobile Machining

### Machining

- Bushings
- Hubs
- Propeller Blades
- Tail Shafts
- Bolts, Washers, Pins
- Spare Parts For Tail Shafts, Thrusters And Azipods/Fixipod

### Overhaul:

- Cylinders
- Pumps
- Valves
- Shaft Seals
- Rudders
- Stabilizers

### Alignments:

- Motor, Pumps And Shaft Alignments
- Ramps, Doors And Hinges

**Mechanical Clean Room** is designated with equipment to overhaul, rebuild and test boiler valves, pressure and vacuum relief valves.





**Grand Bahama Shipyard Limited** is located in Freeport, Grand Bahama, Bahamas approximately 93 nm east of Miami, Florida. **GBSL** can accommodate vessels up to 82,500 tonnes and over 300 m in length.

|                            | Floating Dock #1 | Floating Dock #2                                | Floating Dock #3 | Finger Pier    | North Beach Wharf                                 |
|----------------------------|------------------|---|------------------|----------------|---|
| Overall Length             | 268.3 m (880 ft) | 300 m (985 ft)                                  | 310 m (1017 ft)  | 300 m (985 ft) | 300 m (985 ft)                                    |
| Breadth between Wing Walls | 33.5 m (115 ft)  | 58.5 m (192 ft)                                 | 54.6 m (179 ft)  | —              | —   |
| Maximum Vessel Draft       | 6.5 m (21 ft)    | 8.5 m (27 ft)                                   | 8.5 m (27 ft)    | 14 m (42 ft)   | 14 m (42 ft)                                      |
| Maximum Water Depth        | —                | —   | —                | 16 m (48 ft)   | 20 m (60 ft)                                      |
| Thruster Pits              | —                | —   | —                | —              | 4 x 24 m pits                                     |
| Dock Lifting Capacity      | 27,000 tonnes    | 82,500 tonnes                                   | 50,000 tonnes    | —              | —   |
| Number of Cranes           | 2 dock cranes    | 4 dock cranes                                   | 2 dock cranes    | 1 dock crane   | 3 mobile cranes                                   |
| Crane Capacity             | 2 x 20 tonnes    | 2 x 24 tonnes<br>1 x 26 tonnes<br>1 x 32 tonnes | 2 x 40 tonnes    | 1 x 16 tonnes  | 1 x 20 tonnes<br>1 x 175 tonnes<br>1 x 300 tonnes |

### Facilities

- 3 Floating Drydocks
- 2 Wharfs with Lay-Down Areas
- 1 Fully Serviced Pier
- Grey and Black Water Reception
- Interior and Exterior Storage
- Life Boat Repair

### Services

- Drydocking and Afloat Repairs
- Steel and Pipe Fabrication /Repair
- Interior/Exterior Blasting and Coating
- Electric Motor Overhaul
- Cabin and Public Space Installations
- Naval Architects and Engineers
- Riding Squads
- Life Boat Repairs
- Insulation Replacement
- Main Engine Overhaul Capability
- Aluminum Fabrication/Repair
- HVAC Fabrication/Replacement

### Workshops

- Steel and Pipe
- Mechanical, Carpentry
- Electrical with baking ovens and rewind capabilities
- LNG Clean Room
- Clean Room for thruster overhaul

Lloyd's Register (LRQA) CERTIFICATIONS: OHSAS 18001 / ISO 14001 / ISO 9001  
I.S.P.S. Compliant / GTT APPROVED

# Grand Bahama Shipyard

## L I M I T E D

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