

# Boat Hoist

## Load Shackles and Wireless Telemetry System

Industry: Maritime

### Summary

#### Customer Challenge

A customer needs a boat hoist system in order to lift boats out of water for maintenance purposes. They would like a wireless solution in order to monitor the forces being applied through the hoist system.

#### Interface Solution

Interface suggests using multiple WTSSHK-B Wireless Crosby™ Bow Load Shackles at the pick up points of the hoist mechanism. Data results of the individual loading points and total weight can be transmitted wirelessly to the WTS-BS-4 Industrial USB Base Station when connected to a PC or laptop with supplied Log100 software.

#### Results

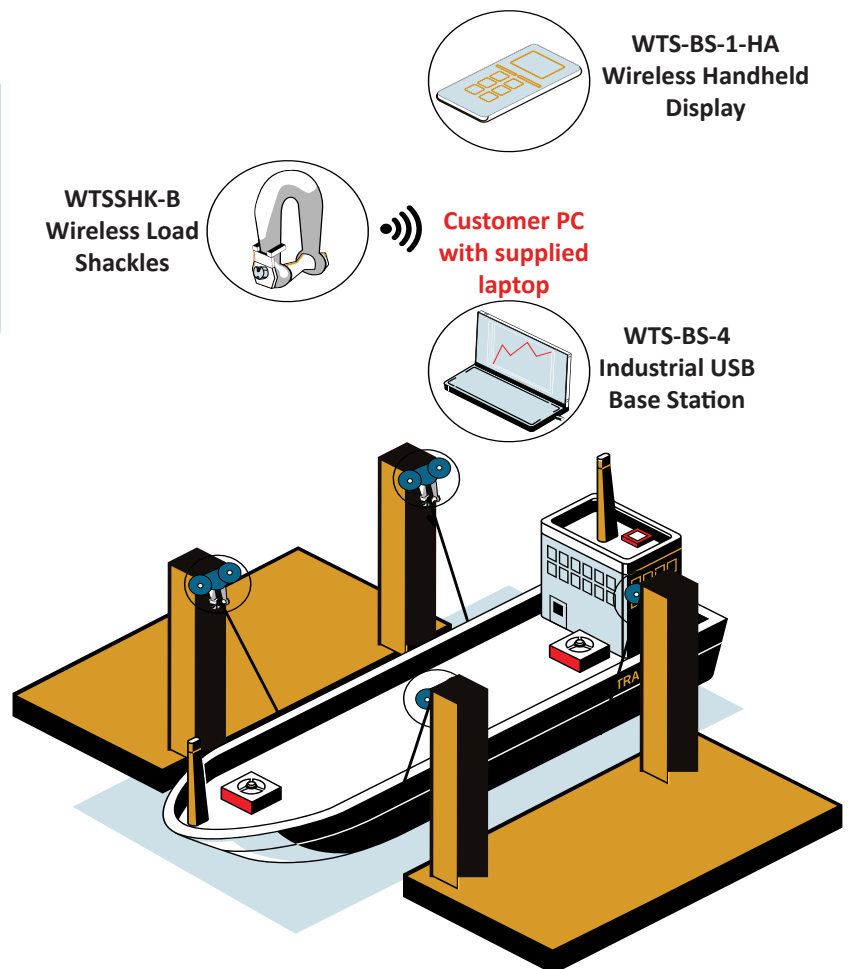
Interface's wireless system and solution successfully measured the weight of the boat and ensured it would be safely lifted out of the water.

### Materials

- WTSSHK-B Wireless Crosby™ Bow Load Shackles
- WTS-BS-4 Industrial USB Base Station with supplied Log100 software
- WTS-BS-1-HA Wireless Handheld Display for Multiple Transmitters
- Customer PC or Laptop

### How It Works

1. Multiple WTSSHK-B Wireless Crosby™ Bow Load Shackles are installed to the boat hoist mechanism.
2. The boat is lifted out of the water, and the force measurements are wirelessly transmitted to the WTS-BS-4 Industrial USB Base Station. The customer can measure the individual loading points and total weight.
3. When connected to a PC or laptop, force data can be logged and graphed with Log100 supplied software. Loads can also be seen using the WTS-BS-1-HA Wireless Handheld Display for Multiple Transmitters.



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