

Aquafarming Mooring System Load Shackles

Industry: Maritime

Summary

Customer Challenge

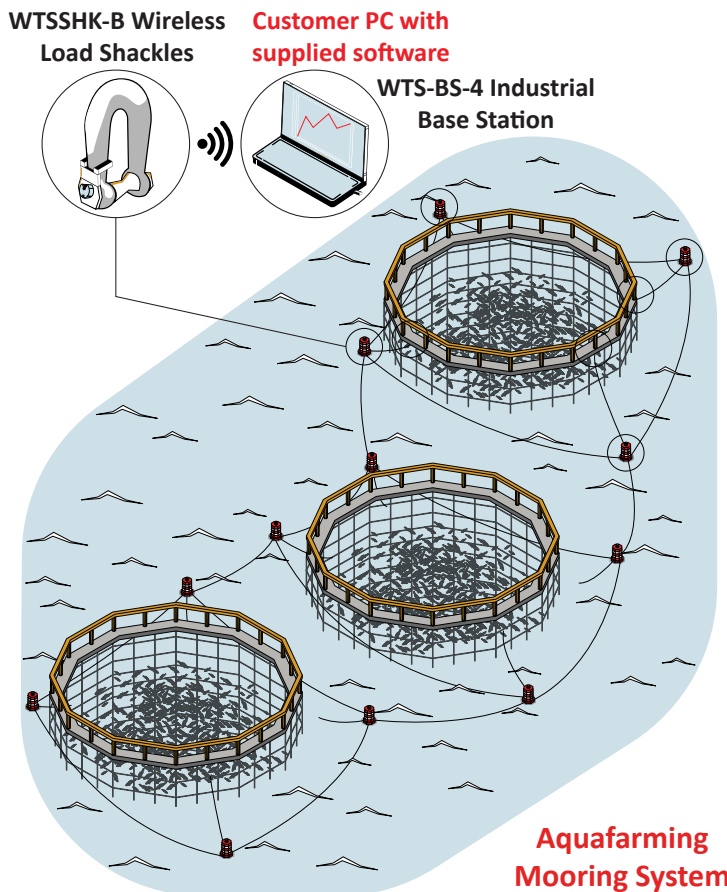
An aquafarming mooring system is a mooring structure used to secure fish cages or pens in an open body of water. This system usually consists of anchors, lines, and buoys to keep the fish farms in place despite waves or other disturbances. It is integral to monitor and keep a mooring system in place for the fish farming operations to be successful.

Interface Solution

Interface's WTSSHK-B Wireless Crosby™ Bow Load Shackle are submersible, and can be attached to the mooring lines connected to buoys and the fish farming structure. The mooring line system can be monitored as the shackles will wireless transmit data to the customer's PC through the WTS-BS-4 Wireless Base Station with supplied Log100 software.

Results

Interface's submersible and wireless load shackles were the perfect solution to monitor the aquafarming mooring lines system.



Materials

- Multiple WTSSHK-B Wireless Crosby™ Bow Load Shackle
- WTS-BS-4 Wireless Base Station with USB Industrial Enclosure with supplied Log100 Software
- Customer PC
- Customer's aquafarming cages

How It Works

1. Multiple WTSSHK-B Wireless Crosby™ Bow Load Shackle are installed to the aquafarming mooring line system.
2. Data is wirelessly transmitted to the customer's PC through the WTS-BS-4 Wireless Base Station. The data is displayed, graphed, and logged using supplied Log100 software.