



# RENTAL DEPARTMENT

STOCKING LOCATIONS IN SEATTLE, WA AND HOUMA, LA

**ALL RENTAL SYSTEMS COME WITH INDIVIDUAL LOCAL DISPLAYS INSTALLED IN PORTABLE PELICAN CASES AND AN OPTIONAL LAPTOP RUNNING MTNW DATA LOGGING SOFTWARE. EACH RENTAL SYSTEM HAS CURRENT CALIBRATION CERTIFICATES.**

Rugged Controls offers equipment for bollard pull testing and certification for tugboats via our rentals department so that naval architects, tugboat operations managers, and engineers can perform these services on their own, with Rugged Controls staff support, witness and report generation.

The system is plug-and-play for quick set up which allows for more time testing and lower fuel costs. The engineer can now watch the tension locally, but also know that WinchDAC data-logging software is catching every spike and valley for post-test analysis and report generation.

Additional monitoring equipment can be provided to monitor drive shaft torque to correlate to bollard pull test data.

Equipment is certified regularly on ABS certified test beds and Rugged Controls will work with certifying witnesses from DNV, ABS, Lloyds, Bureau Veritas and any other required certifying body.

- **LINE RIDERS (RLTS)**  
From under 1" to 4.5" max rope diameter, 10 ton to 500 ton max tension
- **TENSION LINKS**  
From 5 ton to 150 ton capacity\*
- **LOAD SHACKLES**  
Cabled and Wireless load shackles available from 5 to 200 tons capacity\*
- **INSTRUMENTED HANGING BLOCKS**  
Sizes from 12" to 28" OD in stock. Larger sizes available on request
- **VERTICAL LEAD SHEAVES**  
Sizes from 18" to 36" OD in stock. Larger sizes available on request
- **COMPRESSION LOAD CELLS**  
Determine center-of-gravity and weight

\*Rental inventory - higher capacities available on request

PROGRAMMABLE CONTROLLERS • TENSIO METERS • SOFTWARE

206-634-1308 • [RUGGED-CONTROLS.COM](http://RUGGED-CONTROLS.COM)

**RC RUGGED CONTROLS**