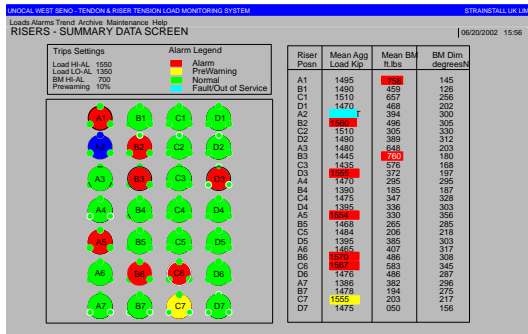


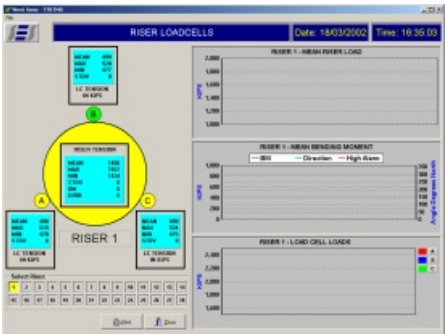


Tension, Bending, Vibration

The Straininstall TTRMS-Riser Monitoring System provides real time data on riser tension, bending and vibration (optional). The PC based system is capable of monitoring over 200 channels simultaneously, providing a broad selection of archiving and analytical capabilities. Straininstall application software is menu driven and Operator friendly. The system is designed to interface directly with other onboard monitoring and control systems. Application software may be tailored to meet the Customer's specific requirements and is designed for long term upgrades



Main System Display Screen



Individual Tendon Screen

SPECIFICATIONS/FEATURES

- Riser tension measurement capacity to 3,000 kips (1,500 tons)
- Custom interface hardware to meet installation requirements
- Stainless steel, dual channel, marine rated load cells designed and manufactured by Straininstall
- Marine rated shipboard signal cables with wet mateable connectors
- Application software developed and maintained by Straininstall
- Redundancy built in throughout the system
- Zone 1 certifications
- Certified by ABS and DNV
- 25 year design life
- Straininstall Field Service personnel available worldwide