

# RISER & RIG MONITORING SYSTEM

**Monitoring and analysis system designed to revolutionise the riser integrity management process.**



## PRODUCT APPLICATIONS

- Jack-Up rigs
- Shallow water field development platforms

## PRODUCT BENEFITS

- Extending operating windows – by providing real-time data and information on operating limits, it allows for safe extension of operating windows
- The ability to monitor conductors and riser systems, as well as platform/rig motion
- Enhanced health and safety – provides accurate asset information enables improved decision making on maintenance activities, therefore reducing the likelihood of accidents or unplanned incidents
- The opportunity to extend your asset life – by providing superior reliability and accuracy compared to alternative data acquisition methods, it enables you to better understand the fatigue life of your assets

### Get in touch:

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# RISER & RIG MONITORING SYSTEM

## THE COMPLETE PACKAGE

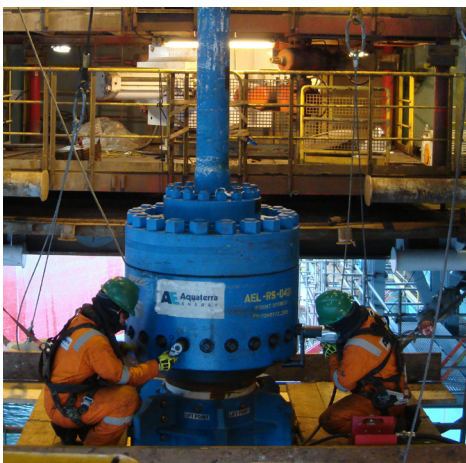
Monitoring systems and modules include, but not limited to:

- Strain gauges for riser and conductor fatigue monitoring
- Accelerometer based platform/rig motion monitoring
- Wave radar for monitoring wave height and period
- Current measuring devices
- Anemometers

## OTHER PRODUCT FEATURES:

- Four robust gauges specifically designed for subsea use, ensures the data fidelity of direct strain measurements of the riser, rather than the flex of a clamp
- Specially developed subsea epoxy resin attaches the critical components to the riser enabling enhanced accuracy of direct strain measurement, whilst negating damaging fatigue hot spots caused by welding
- Records all pertinent information at a rate of 10Hz with capacity to store up to 560 days of continuous data
- Options for local storage or instant transmission to surface via the RS422/485 connection interface for live evaluation, processing and reporting
- A single module powers the unit for in excess of 250 days, with an option to include additional packs allowing up to 5 years' logging duration without intervention

## RELATED PRODUCTS:



**AQC CONNECTOR**



**SUBSEA HIGH-PRESSURE RISER  
SYSTEMS**



**SEA SWIFT PLATFORMS**

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