

## ANCHOR MONITORING SYSTEMS

Offshore operators around the globe count on McCoy Global Anchor Monitoring Systems to keep their platforms stable and their crews safe. Our systems utilize the world's most accurate and reliable load pins and payout sensors to constantly monitor the tension on anchor cables and chains. Depending on the application, our systems can be hard-wired or wireless and can also include instrumentation data logging.

### OTHER APPLICATIONS

- Combination wire and chain shipboard systems
- Large and small sensor suites involving strain, bending, shear, weight, tension, position, angle, stroke, length, torque, pressure, speed and acceleration
- Underwater launch and recovery operations
- Crane-mounted winches
- Towed body winches
- Rocket towing winches
- Crash recovery vehicles
- Minesweepers and towed array winches
- Trolley-mounted winches
- ROV Winches and tether management systems
- A-Frames, J-Frames, hydrobooms and davits
- A&R Winches & J-Lay tower winches
- Power utility truck winches
- Oceanographic and hydrographic winches
- Seismic paravanes, seismic steamers, gun array winches
- Dredge ladder hoist winches

### WINCH SENSORS

- Instrumented sheaves
- Fairleaders
- Running-line tensiometers
- Clamp-line tensiometers
- Load pins
- Compression cells
- Tension links
- Payout, speed and angle sensors



TOUGH. TESTED. RELIABLE.

## WINCH CONTROL SENSORS AND SYSTEMS



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## WINCH CONTROL SENSORS AND SYSTEMS

For decades, McCoy Global Winch Sensors & Control Systems have been keeping our customers' equipment productive whether it's shipboard, dockside, underwater or airborne. Our sensors and winch systems are designed for any environment and feature MIL-STD shock units for heavy duty use.



## WINCH SYSTEMS

The sensor experts at McCoy Global know how to maximize sensor performance to solve system level issues. High speed, reliable sensor performance is utilized in the McCoy Global slack line and peak detection wireless PC system for any capacity and any size of winch wire, chain or rope. Central PC data logging and monitoring systems are common standard products of McCoy Global. Blackbox data loggers, remote shipboard or shore-based stations in hardwired, wireless or hybrid configurations are readily available with user definable screens. User definable data analysis screens are handled as simply another customer configuration. There are many different McCoy Global operator displays from which to choose. Indoor touchscreen or outdoor direct sunlight viewable displays can be used in any environment. MIL-STD shock and vibration units are available for heavy duty use. Stand alone or multi-unit networks are standard and are readily available in any configuration.

## BENEFITS

- Shock and vibration tested to MIL-STD 910A for shipboard equipment to meet the most extreme conditions
- EMI/RFI tested to 200 volts per meter to combat electro-magnetic interference
- Operating temperatures -40 to +85C (higher temp spec available)
- High speed wireless, hardwired or combined communications
- Internal data logging inside sensor or display
- External data logging on PC or other hardware platform
- Any capacity up to 6 million pounds calibrated at McCoy Global
- Sensor body can be any size or shape
- Customer onsite surveys and service

