

# Instrumentation & Field services

We specialize in mechanical and fluid dynamics instrumentation and testing.

We work closely with clients to develop an instrumentation suite and test program that meets specific design or certification needs.

We apply a variety of sensors and equipment to meet clients' needs for acquiring experimental and field data:

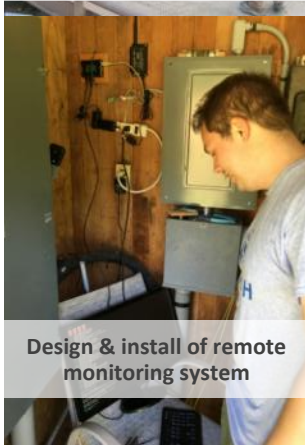
- Pressure Sensors
- Strain Gauges
- Torque-Meters
- Purpose-Built Load Cells
- Temperature Sensors
- Wireless Transmitters for Rotating Equipment
- GPS Data
- River & tidal resource assessments



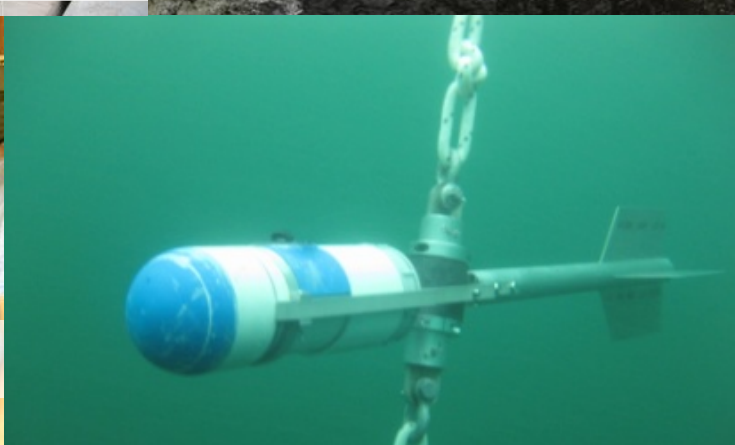
Load cell calibration



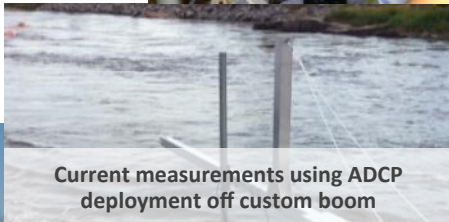
Submersible load cell with integrated data recording



Design & install of remote monitoring system



Submersible current speed and direction measurement buoy with integrated data recording



Current measurements using ADCP deployment off custom boom



Performance testing of twin hydrokinetic turbines in a towing tank at National Research Council of Canada



Turbine deployment on fast river in -20 deg conditions

