



## LUMCON TECHNICAL SERVICES

LUMCON's Technical Services is dedicated to providing state-of-the-art oceanographic, navigational, and meteorological instrumentation and equipment in support of the R/V *Pelican*, R/V *Point Sur*, R/V *Acadiana*, smaller vessels, as well as environmental monitoring.

LUMCON marine technicians have set themselves apart by earning a first-rate reputation for their abilities and expertise. The highly skilled team of marine technicians work day and night to utilize CTDs, shipboard ADCPs, echosounders, underway data acquisition systems recording ship's position, sea surface, and weather data to provide science teams with the best quality oceanographic data while at sea. Additional instrumentation and services provided by marine technical services includes shipboard navigation, satellite internet communications, USBL underwater tracking systems, and Hypack hydrographic survey software.

LUMCON technical services can provide a variety of equipment that can be used by science teams aboard the research vessels. This includes coring equipment including Ponar scoop dredges, Gomex style 0.1m<sup>2</sup> box corer, Bauma style 0.25m<sup>2</sup> spadefoot box corer, 3m Benthos gravity corer, Ocean Instruments MC-800 Multi-corer capable of collecting 8 core tubes simultaneously. Otter trawl nets, benthic sampling dredges, and benthic skimmers are also available for sampling fish and invertebrates for both shallow and deep water operations.

Science teams are welcome to bring their own equipment and instrumentation and LUMCON's technicians will assist in integrating science equipment with vessel systems. LUMCON's Technical Services also provides expertise and equipment for the larger community of research vessels throughout the University National Oceanographic Laboratory System (UNOLS).



CONNECT

ENRICH

TRANSFORM