R/V Oceanus
R/V Blue Heron

Jason Agnich
R/V Cape Hatteras

Beth Govoni
R/V Cape Hatteras

• Transition of Management Team
  • Retirement of Joe Ustach
  • One Marine Technician on Staff
• ADCP (150 kHz) Failure
  • Noticed mid spring just weeks before a multi-ship operation which required
    ADCP utilization
  • Located a WHM150 loaner which we were able to fabricate an over-the-side
    mounting system.
  • Cruise was a success, data was viable
R/V Endeavor

Lynne Butler
R/V Hugh R. Sharp

Wynn Tucker
R/V Hugh R. Sharp
by: Wynn Tucker
R/V Melville
R/V New Horizon
R/V Robert Gordon Sproul
R/V Roger Revelle

Brett Hembrough
~Robert Gordon Sproul~

~New Horizon~

~Melville~

~Roger Revelle~
R/V Robert Gordon Sproul

**Ops Areas:** Southern California Bight, Channel Islands

**Sea Days:** 52

**Operations:** OBS, HARPs, Marine Mammal Acoustics, Electro Magnetics, Coastal Moorings, Biological Trawls, Student Cruises, Glider Testing

**Highlights:** Kongsberg AUV testing, Bradner Drogue, Student Cruises

**Challenges:** Complex instrument testing using custom built deck gear on a small research platform.
Ops Areas: Coastal California, Sea of Cortez, Mexico

Sea Days: 130

Operations: CalCofi, Squid Biology, Coastal Moorings, Drifting Optical Sediment Traps, Multicoring, Plankton Cameras, Tucker Trawl

Highlights: Blue Water Diving and Squid Sampling

Challenges: 24 hour non-stop multicoring in 2000m basins with unknown bottom compositions and rough seas.
Ops Areas: Chile, South Africa, West Coast, Barbados, Caribbean
Near future: South Africa

Sea Days: 289

Operations: Dual CTDs, McLane Pumps, Trace Metals, Optics, Snow Catching, Multicore, Sediment Traps, ADCP, Mocness, Sea Soar

Highlights: Dual CTD systems operating continuously to reduce downtime during sampling.

Challenges: 900+ over the side ops in 38 days in Southern Caribbean/Amazon River Plume.
**R/V Roger Revelle**

**Ops Areas:** Taiwan, Philippine Sea, Indian Ocean, Australia, Thailand

**Sea Days:** 297

**Operations:** Typhoon moorings, Acoustic moorings, towed CTD, DYNAMO

**Highlights:** Recovering 20’ long, 20,000lb Typhoon moorings with crane in challenging weather.

**Challenges:** Load out for a self contained, adaptable, 5 month DYNAMO cruise. Coordinating with participants from NOAA, SIO, NCAR, OSU, UW/APL, LDEO, UCSB, NASA