

2010 Year in Review



RVTEC Annual Meeting
November 16-18, 2010



R/V Walton Smith

Jim Lovin



W.S Participated in Gulf Oil Spill Investigation

**W.S. Received LCI-90i from MTNW
SJ also participated with NOAA funds for 2011**

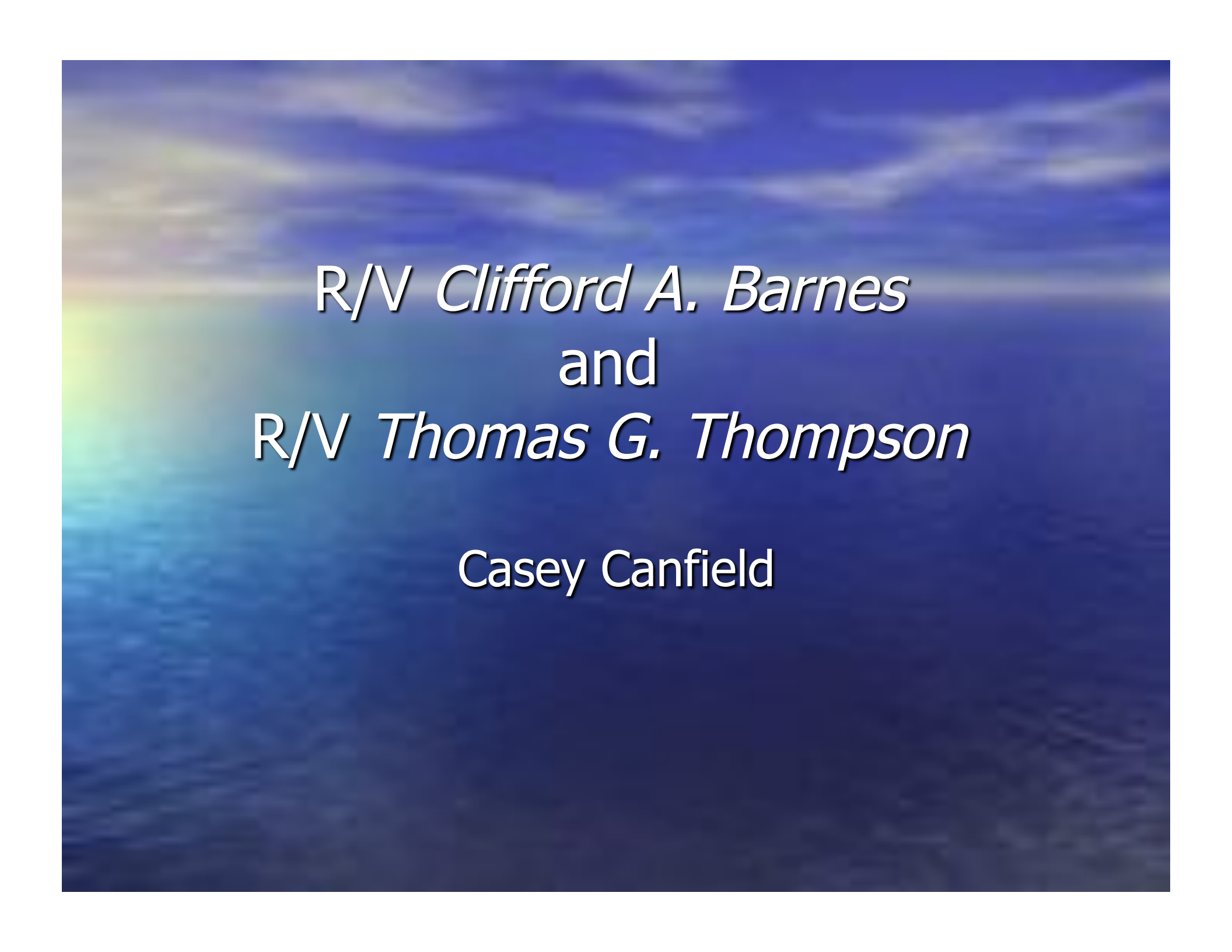


**SJ sale appears final & departs for Brazil
By end of year**

**Marine Technician support on RVTT,
RVAE**



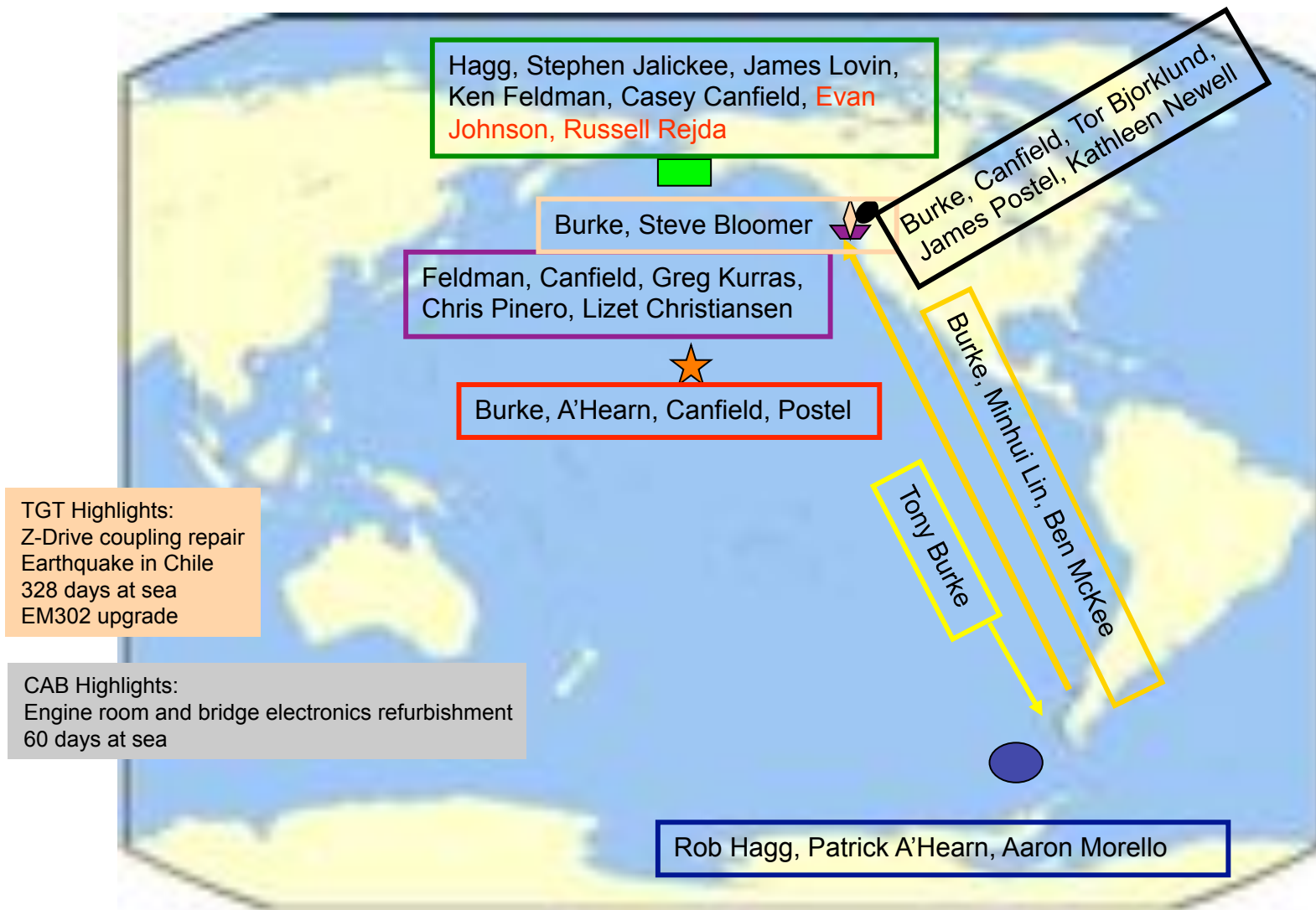
Marine Technology Group, University of Miami



R/V Clifford A. Barnes
and
R/V Thomas G. Thompson

Casey Canfield

2010 Thomas G. Thompson and Clifford A. Barnes SSSG Support





R/V Atlantic Explorer

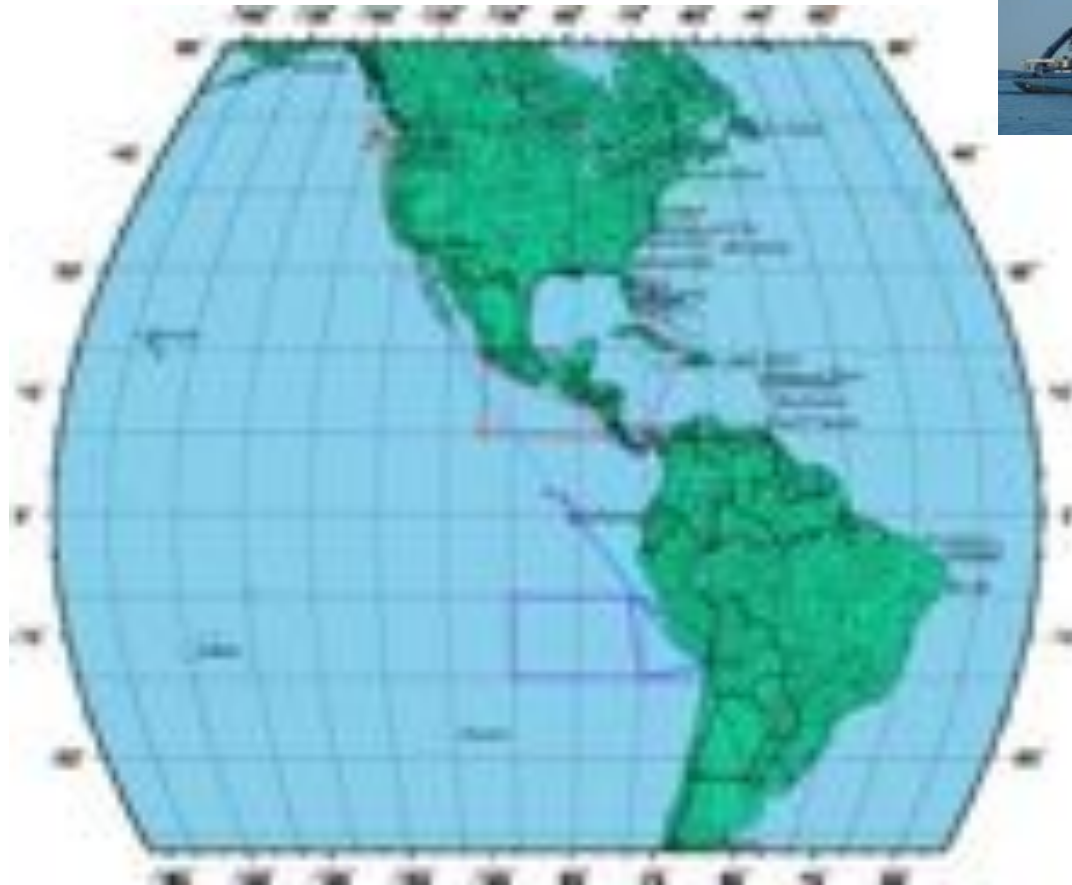
Matt Wilkinson



R/V Atlantis

Catie Graver

R/V Atlantis 2010 Cruises



R/V Atlantis returning to WHOI after four years away, September 6, 2010.



Saving turtles from fishing gear
March 19, 2010 AT15-63



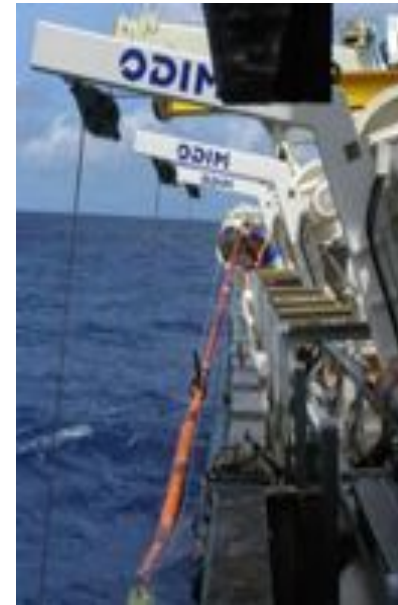
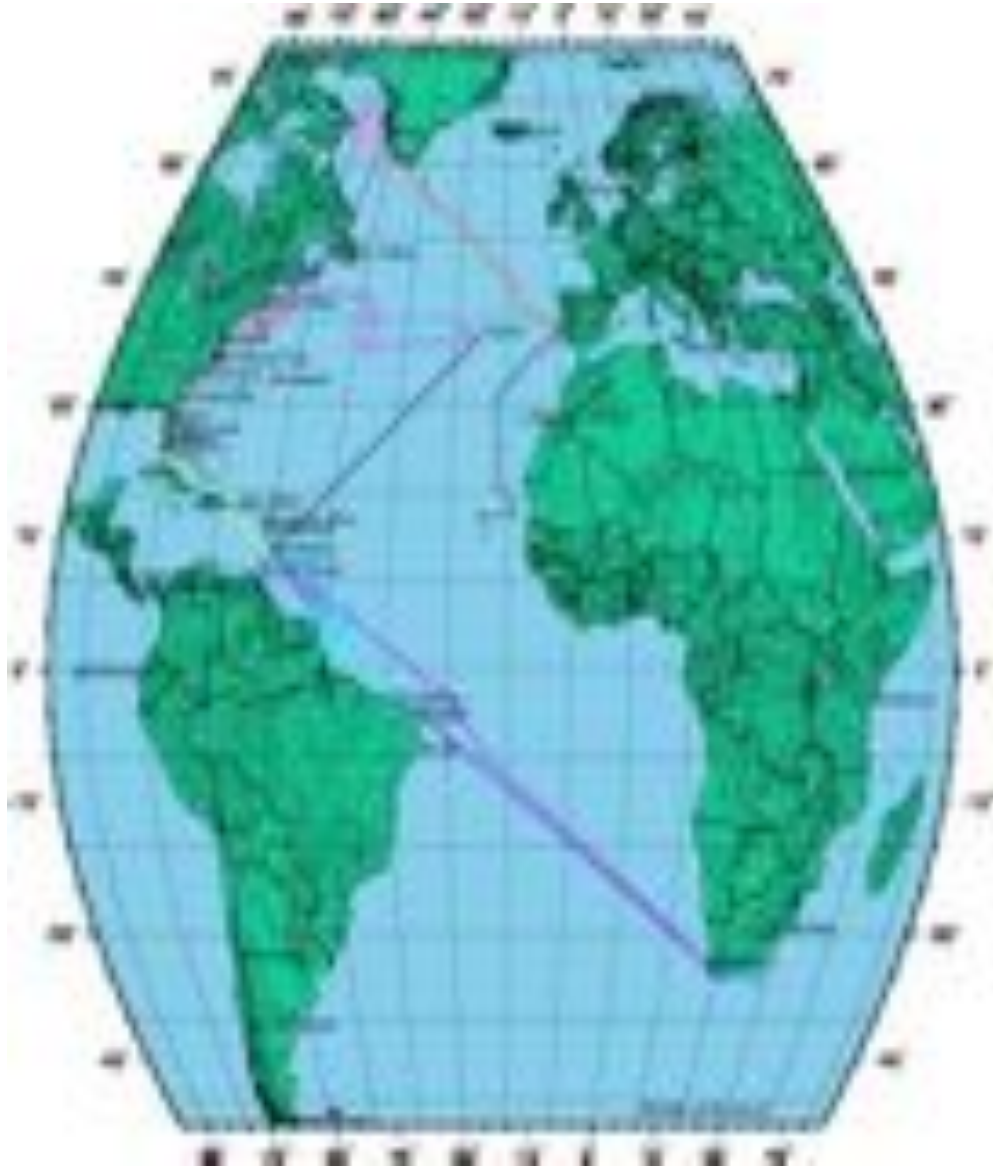
Alvin deployment 2010



R/V Knorr

Chris Griner

R/V Knorr 2010 Cruises



Long Core deployment
July 2010



Lisboa, Portugal October 2010



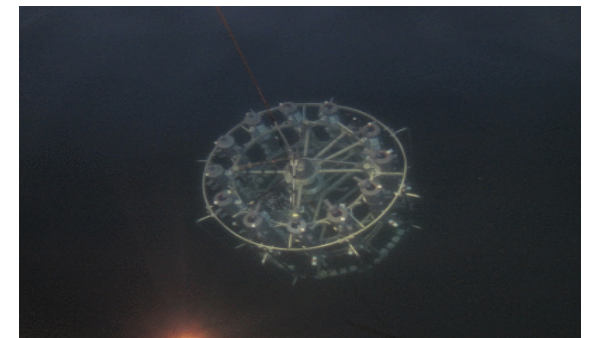
R/V Oceanus

Robb Hagg

R/V Oceanus 2010 Cruises



Dart Mooring, May 2010



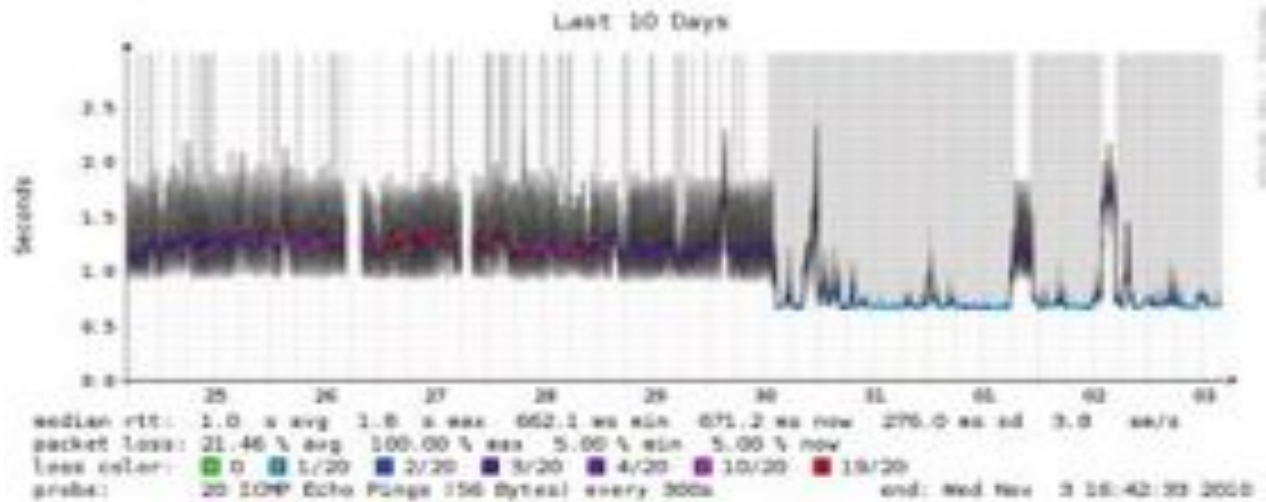
CTD Cast, Gulf of Maine, August 2010



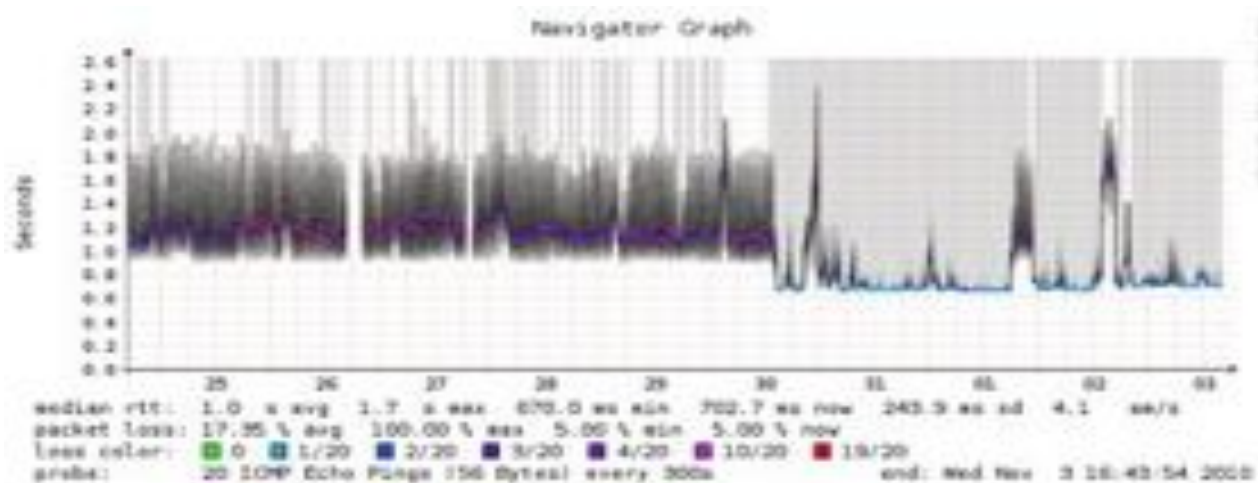
VPR Deployment, October 2010

R/V Oceanus FBB and HiSeaNet Smokeping Plots

Smomkeping returns to striker.who.edu, FBB returns btw ~ 1 -1.5 s, HSN btw ~ 5 -1 s



Smokeping returns to www.google.com, FBB returns btw ~ 1 -1.4 s, HSN btw ~ 6 -1 s





R/V Blue Heron

Jason Agnich



R/V Cape Hatteras

Tina Thompson
and
Stephen Jalickee

R/V Cape Hatteras

568 stripers 11,000 dogfish



DYE

13 cruises
221 days
in the Atlantic
Caribbean
& Gulf of Mexico



UCONN'S ROV KRAKEN



Sponge Dive
Bahamas



Coring

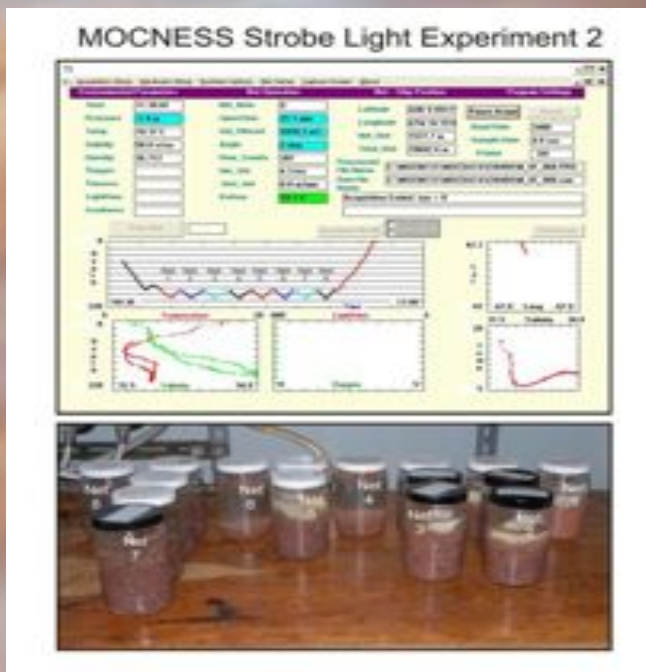
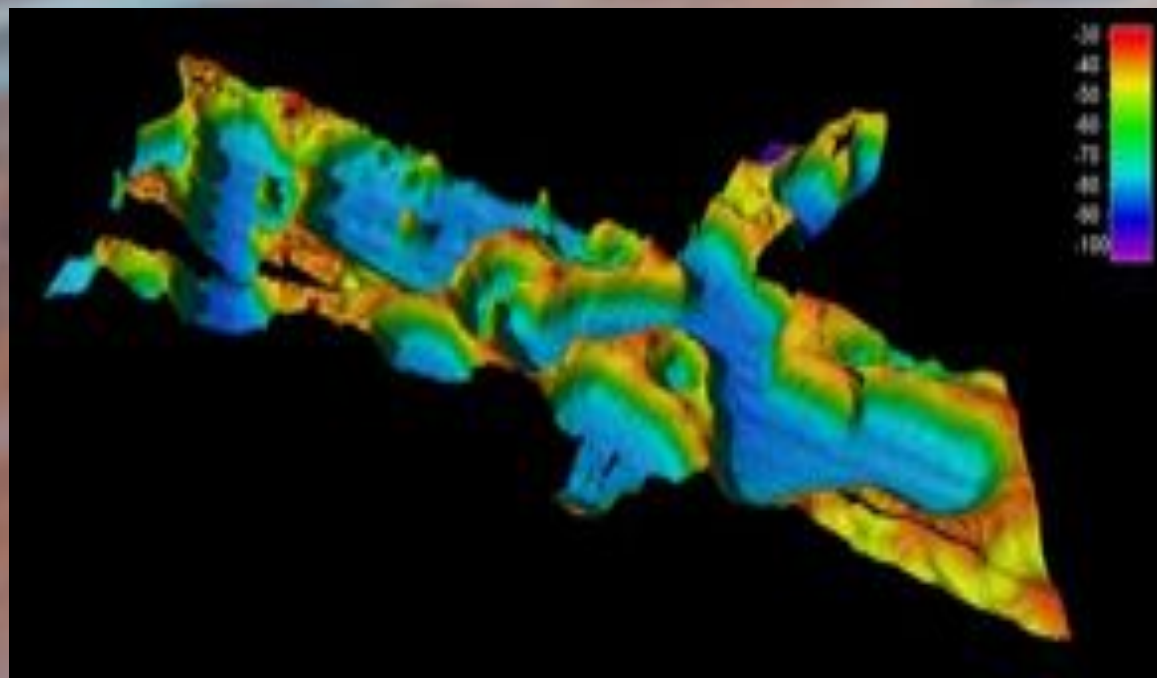
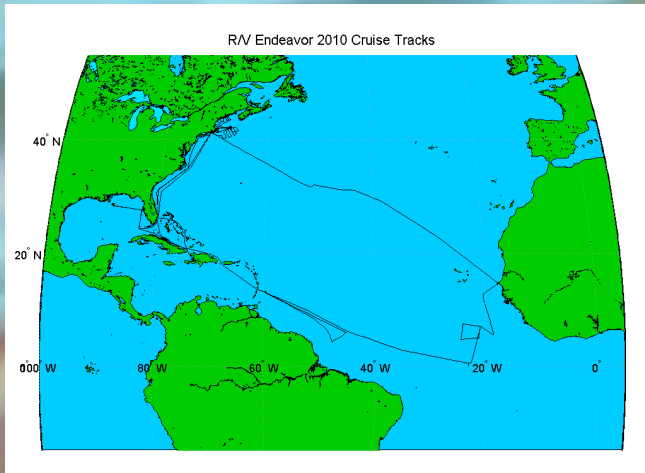




R/V Endeavor

Dave Nelson

RV Endeavor



Year In Review



R/V Hugh R. Sharp

Wynn Tucker



R/V HUGH R. SHARP



R/V Kilo Moana

Kuhio Vellalos

R/V Kilo Moana

2010 Operations

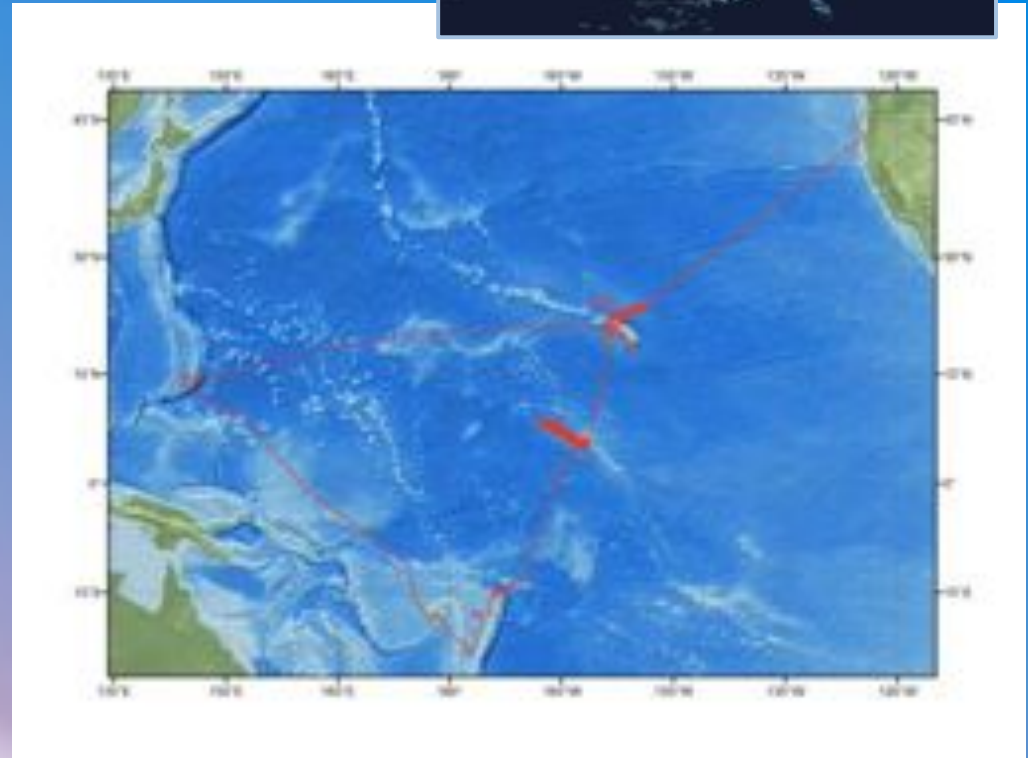
- 24 cruises, 255 sea days
- Steamed more than 40,000 nautical miles
- Oregon, Hawaii, Guam, Fiji, Samoa, Tonga

Activities

- Mooring deployments/recoveries
- Bathymetric surveys
- ROV operations
- Biological sampling
- OBS deployments/recoveries
- Hydrophone deployment/recovery
- Geological sampling

Highlights

- Caley system operational
- EEZ Bathymetry Survey



Challenging Issue/Technical Hurdle

- Implementation of new integrated winch/crane system
- Upgrade of Kongsberg EM120 to EM122



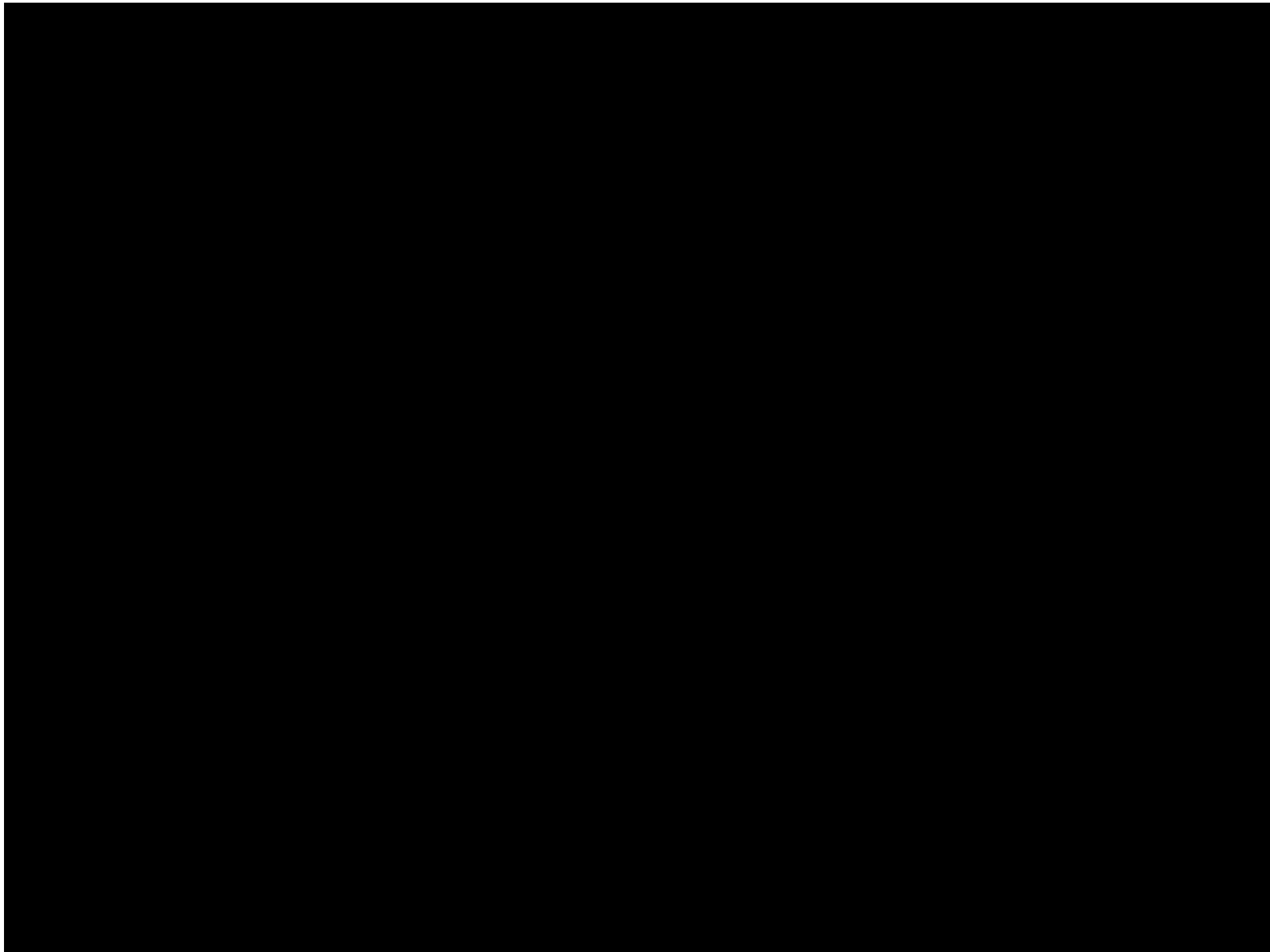
R/V Langseth

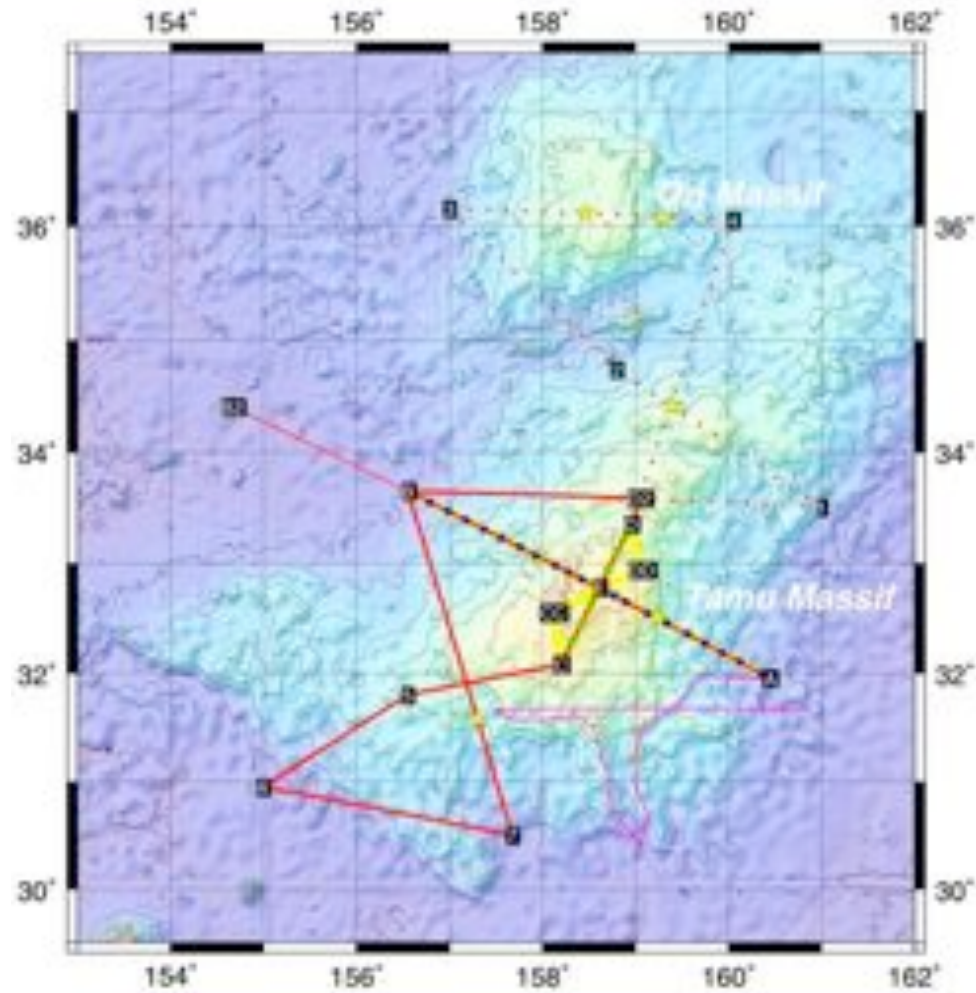
Anthony Johnson



John B. Diebold

1944 - 2010





**Shatsky Rise Cruise, (Korenaga and Sager)
July 18 – September 13**



R/V Melville

Jon Meyer

R/V Melville

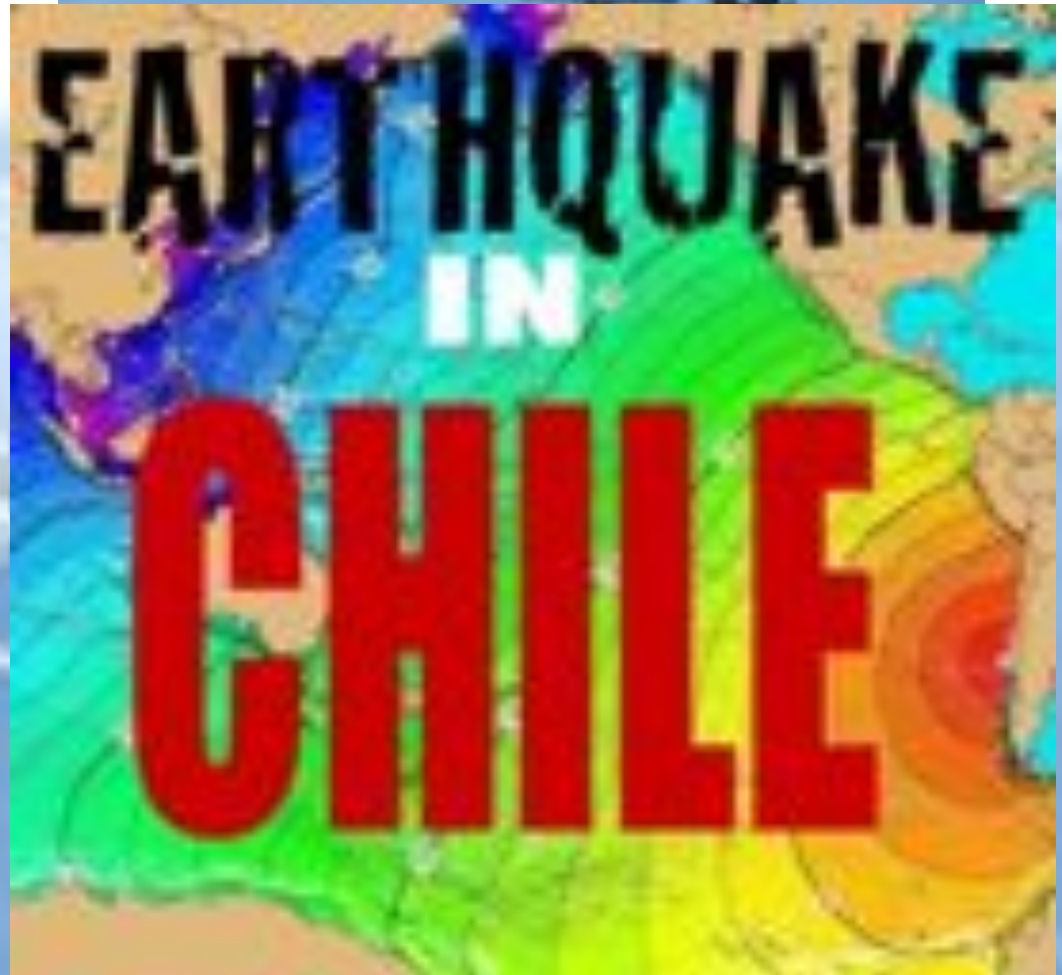
Operating in the western and eastern regions of North/South Pacific

264 days at sea
304 by the end of the year

CLIVAR (CTDs)
Jumbo Piston
Coring
Multi-Coring
Box Coring
Multibeam Surveys
OBS deployments

Highlight of the Year:
Installation of WAMOS radar

Challenge of the year:
Supporting the Chilean
Earthquake rapid response cruise.





R/V New Horizon

Josh Manger

Horizon



Mooring Work
Biological Sampling
Dive Ops
Student Training



Highlight of the year:
Trip to Guaymas, Mexico to Sample Squid

Challenge of the Year:
Stitching of scientists





R/V Robert Gordon Sproull

Josh Manger



R/V Roger *Revelle*

Josh Manger

R/V Roger Revelle

Operating Mostly in
the Philippine Sea

300 Days at sea
312 by the end of the year

Mooring Work
Cold Wake Studies (Typhoon Chasing)
Drifter Recoveries
Internal Wave Measurements (CTDs)
Coring
Multibeam Surveys
OBS deployments

Highlight of the Year:
Safe and successful deployment of
large EASI Buoys (NOMAD Hull) and
ASIS spar Buoys

Challenge of the Year:
Logistics for the Cold Wake Study cruise





R/V Pelican

Joe Malbrough

241 days at Sea on 38 cruises in 2010
Same for 2011

Highlights of 2010
Deepwater Horizon Oil Spill
Hypoxia
Fisheries
Loop Current studies

Planned improvements for 2011:
Starboard A-Frame installation to conform to Appendix A
and B Standards

R/V PELICAN LUMCON





R/V Point Sur

Andrew Woogen

Aleutian Islands, AK
Triaxus TUV
RAPP HYDEMA, Trawl Winch
Network Training Las Vegas, NV
Bridge and Safety Upgrades



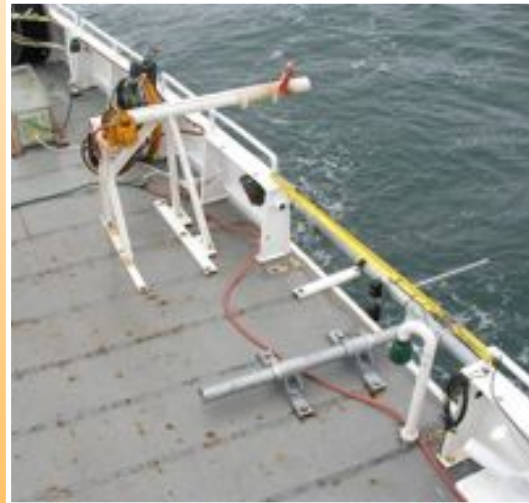


*R/V **Wecoma***

Dave O'Gorman

Oregon State University Marine Technician Group Year In Review 2010

- 167 Sea Days
 - Oregon
 - Alaska
 - Equator
 - 8N-8S
 - 95W-110W
 - 73 NSF
 - 77 NOAA
 - 13 ONR
 - 4 OOI
- Highlights
 - TAO NOAA
 - New Crane
 - Gulf Of Alaska





NOAA Vessels

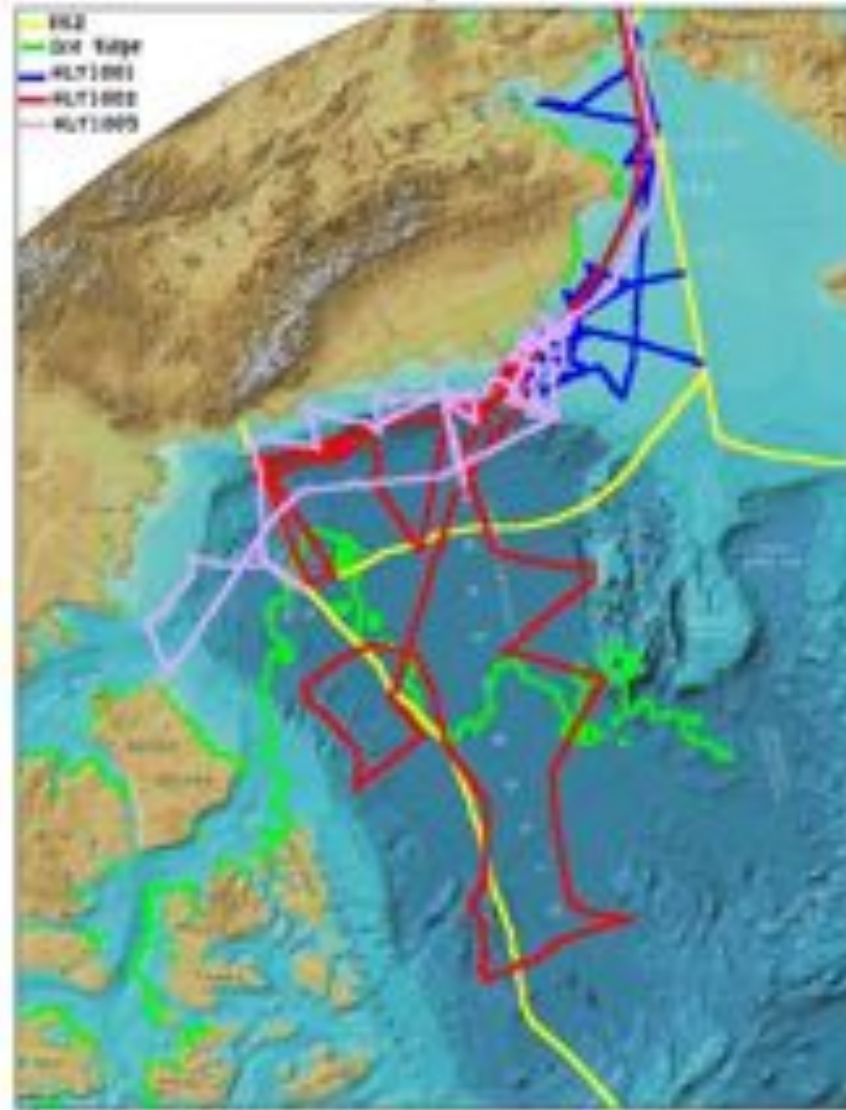
Mike Webb



USCG Vessel: Healy

Dave Forcucci

Healy 2010



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