

INMARTECH 2014 Symposium “Icebreaker Session”

November 18, 2014

R/V PELICAN



\$200 Home Depot

\$4000 Fisher



\$45 Discount Water Softeners



\$478 Pacific RO 40 Amazon



\$523 Fisher



\$159 Discount Water Softeners



R/V Point Sur

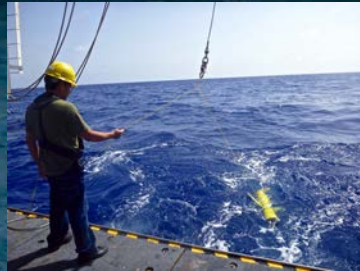
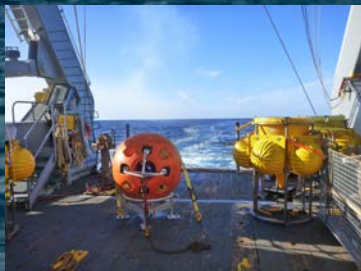
Moss Landing Marine Laboratories

Mast Block



Bermuda Institute of Ocean Sciences

R/V Atlantic Explorer





SCRIPPS INSTITUTION OF OCEANOGRAPHY

UC San Diego

R/V Roger Revelle

& 258 Days

R/V New Horizon

& 172 Days

R/V Melville

& 128 Days

R/V R.G. Sproul

& 19 Days



USAP Ice Breakers



R/V Kilo Moana
Scott Ferguson (U. Hawaii)



NIWA

John Hadfield

Aft slamming on-board SA Agulhas

II



- **Cause:** Light aft deck
- **Impact:** Deployment issues, Operational safety hazards, Passenger's comfortability
- **Solution:** Resolution of warranty claim, alternative deployment strategies, Increased safety awareness

USCGC Healy
STARC
OSU&-SIO

High Power

ADCP Data

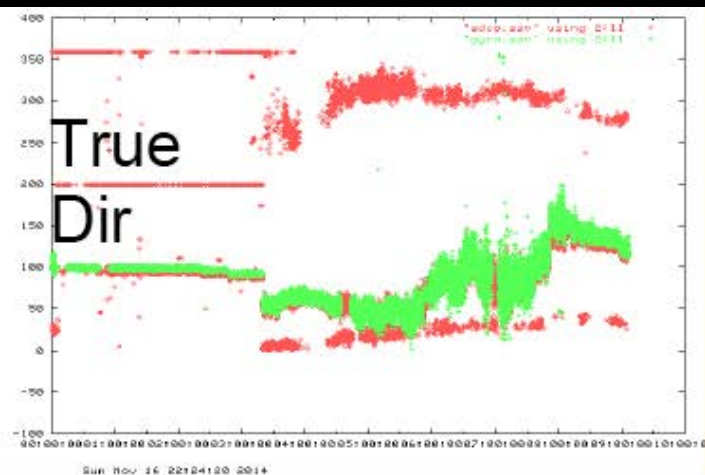


**ADCP Cabling:
Don't cross the
streams!**

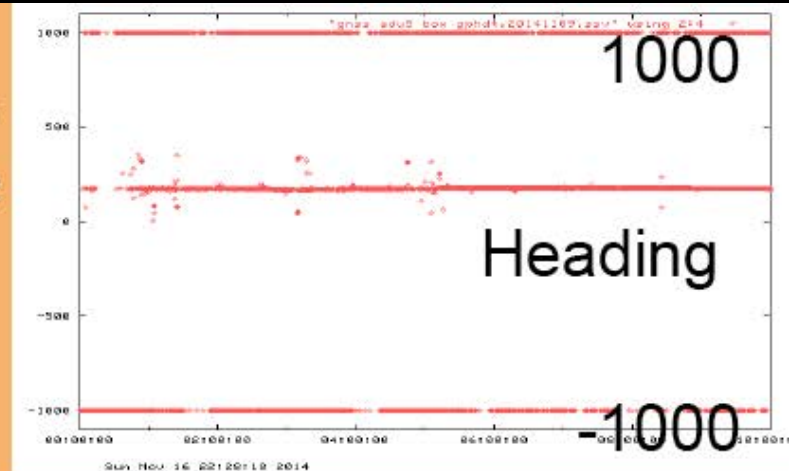
Front view

HIGH VOLTAGE

Side view



R/V Oceanus
Oregon State
University



Fowl weather





 **SEA Semester**[®]
Environmental Studies at Woods Hole & at Sea



Juliana Miller
Administrative Science Coordinator
SEA Semester in Woods Hole, MA

University of Washington

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



Photos by James Postel, Univ. of Wash.



Photo by Kathleen Newell, Univ. of Wash.

2014

<u>Agency</u>	<u>Funded</u>
INST	26
OTHER	10
NOAA	2
<u>NSF</u>	<u>22</u>
Total	60

2014

<u>Agency</u>	<u>Funded</u>
INST	48 DOE
3	
NSF	174
<u>NSF-OOI</u>	<u>82</u>
Total	307

Wire swaps and lubes
80+ days of RSN deployments
JASON and ROPOS

Replace and reconfigure
Barnes' data acquisition
computers

NOAA Oscar Dyson

Operational Challenge

- Deploying Multinet
- Retrieving quality data
- Safely deploy

Resolved Problem:

- ET Ricardo Trouble -
shooting
- Training discussions
with scientists
- Study Manuals
- Practice
- Luck* :P



Alyssa Pourmonir
Survey Technician

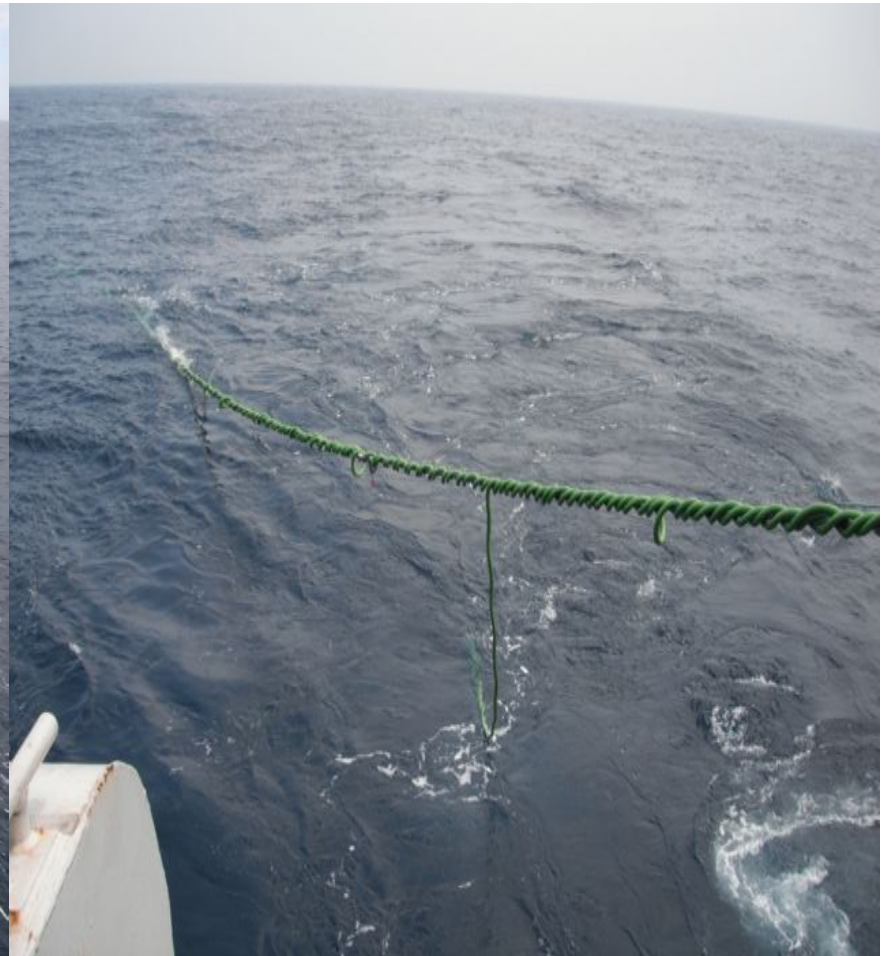
R/V Marcus G Langseth

www.ideo.columbia.edu

12/1/2014

Normal P-Cable Array

Not So Normal P-Cable Array



Freedom of the Seas



University of Miami Marine Technology Fleet

Celebrity Equinox



R/V F. G. WALTON SMITH



Allure of the Seas



Source: http://jaaristo.1q.fi/kuval/Allure_Of_The_Seas/

R/V SEWARD JOHNSON



Explorer of the Seas





3-D seismics with R.V. Pelagia

