



# UNOLS Council Meeting

## July 18-19, 2013





# Committee Nominations

- SCOAR Nomination:
  - Rosanne Bailey (UAF)
- DESSC Nomination:
  - Chair – Reappointment of Peter Girguis for a second term as DESSC Chair





# UNOLS Education and Outreach Activities



## UNOLS Early Career Scientist Initiatives

- Chief Scientist Training Cruises:
  - PI: Clare Reimers – Rapid Award (3-Year program)
  - On-line Application Process
  - Approximately 14 students on each cruise
  - Cruise Blog
  - 2011: Two *Wecoma* cruise opportunities
  - 2012: Cruise on *New Horizon*
  - 2013: *Endeavor* cruise in mid-October, 44 applicants



# UNOLS Early Career Scientist Initiatives

## **Fleet Improvement Committee Early Career Scientist Program:**

- Opportunity for participants of the 2011 and 2012 Chief Scientist Training Cruise
- Applications due August 1<sup>st</sup>, with selection by August 15<sup>th</sup>.
- Program:
  - Will coincide with UNOLS Annual meetings.
  - Participants will introduce themselves
  - Poster at evening reception
  - Opportunity to meet NSF and ONR Program Officers.



# UNOLS Early Career Scientist Initiatives

- **DESSC Early Career Scientist Workshops:**
  - December 2011 – 30 participants
  - December 2012 – 30+ participants
  - Workshop tentatively planned for December 2013 – Announcement in September.
  - Outcomes:
    - Early Career Deep Submergence scientists are submitting proposals
    - Early Career Scientist, Jeff Marlow, has organized an Ocean Interest Group for past workshop participants. They will have webinars. The first webinar is planned for July 24<sup>th</sup> with Sylvia Earle as the speaker.





# UNOLS Early Career Scientist Initiatives

- **MLSOC Early Career Activities:**
  - Early Career Scientist participation at the December 2012 MLSOC Meeting
  - Workshop planned for December 2013 (mirror the DESSC workshop)





# EarthCube Workshop

- EarthCube: Deep Seafloor Processes and Dynamics Community Workshop – June 5-7, 2013
- Attended by about 50 participants with a strong Early Career Scientist component
- One the final day, there was a break-out session for ECS. They were asked to provide feedback and EarthCube recommendations.



# Early Career message to NSF

## Limitations:

- Supply (PhD's) exceeds demand (jobs)
- Funding rate is low, particularly for early career
- Ship-time is limited; Field excursions are expensive
- Once landing a TT position, start-up budget is relatively small
- Because of a low hiring rate, there will be fewer TT positions for early career scientists, therefore efficiency will need to increase
- Insufficient integration of early-career scientists with established network



## Solutions:

- Data that is deposited in individual databases is often inaccessible or rarely updated (e.g., InterRidge, IODP), EC can provide a single data discovery portal or platform
- EC can facilitate the use of well-documented data that has been collected to continue to publish during the first years of a TT position
- EC can provide access to data and collaborations during gaps in academia
- Encourage collaboration and ‘zig-zagging’ between sectors
- Encourage integration of early-career scientists with established network
- Focus has been on data collection, not data processing or programming. Computer literacy is lacking in our training.
  - Short courses or summer institutes are needed
  - Adopt newer programming paradigms
- Credit for data produced for all scientists involved
  - Same model as papers with authorship ranking





# UNOLS Vessel Usage Survey

Posted on the UNOLS web site at:

[http://www.unols.org/info/2013\\_Vessel\\_Usage\\_Presentation.pdf](http://www.unols.org/info/2013_Vessel_Usage_Presentation.pdf)



University-National Oceanographic  
Laboratory System



# Post Cruise Assessment Committee Report Council Tel-con Meeting- Jul 18 & 19, 2013

---

- Current PCAR Committee Membership
  - Wilf Gardner/ TAMU Chair
  - Joe Malbrough/ LUMCON
  - Scott Ferguson/ Univ. of Hawaii

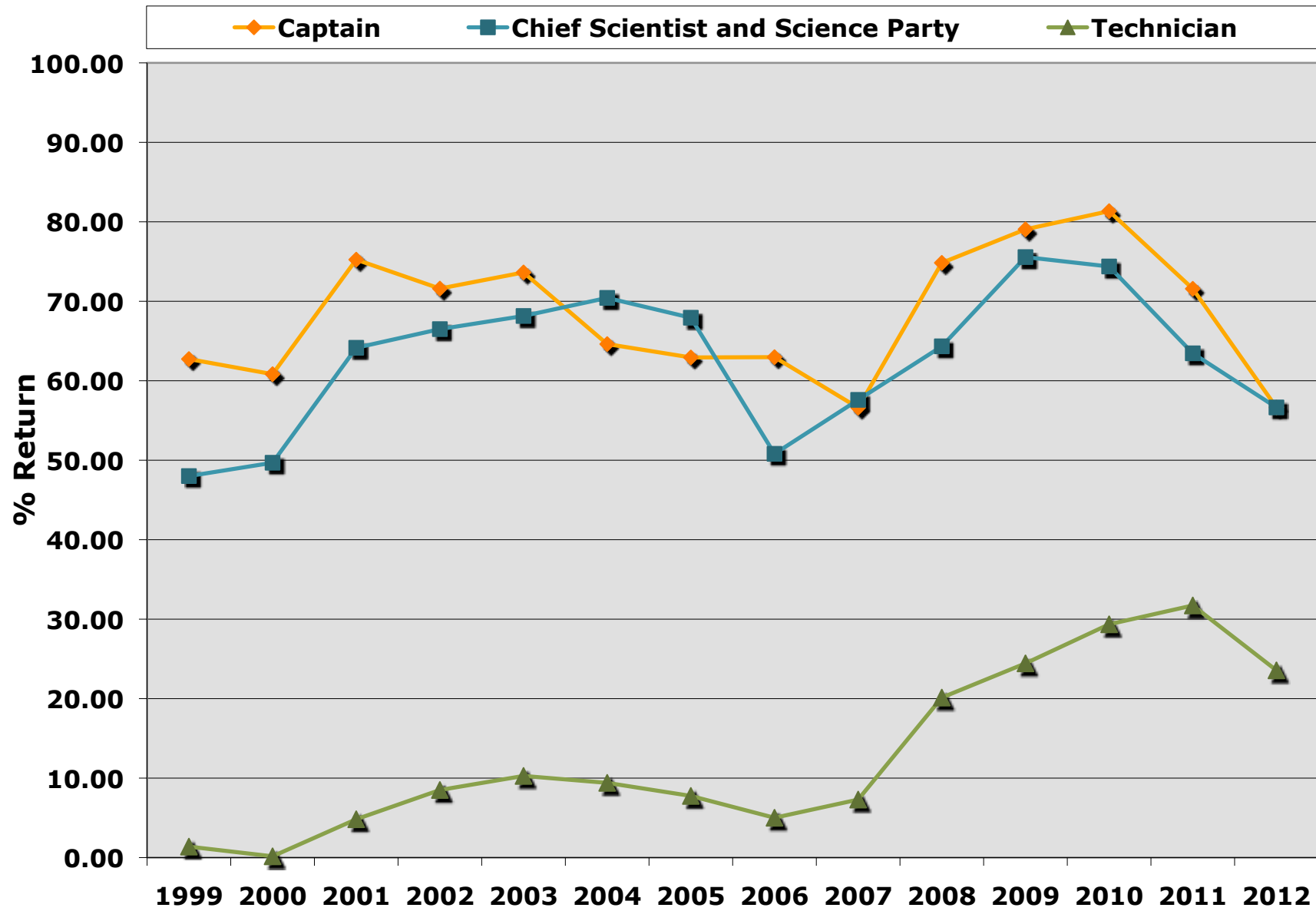


# Recent Activities

- PCAR Meeting June 28, 2013
- Conducted Review of R/V *Savannah*, *Atlantic Explorer*, *Point Sur*
- Focused review of the 2012 post cruises reports to identify trends, strengths, any possible issues that need to be addressed.
- Drop by 25 % for Captain & Ch. Scientist in overall fleet rate of return of PCAR reports. Techs reports drop 10%.
- Compliance- Who can best encouragement submission of PCARS? Agencies?
- Reporting can help to fund new equipment requests
- Captain and Techs tend to rate themselves harder than Ch. Scientists.
- Comments in the PCAR are still the most helpful.

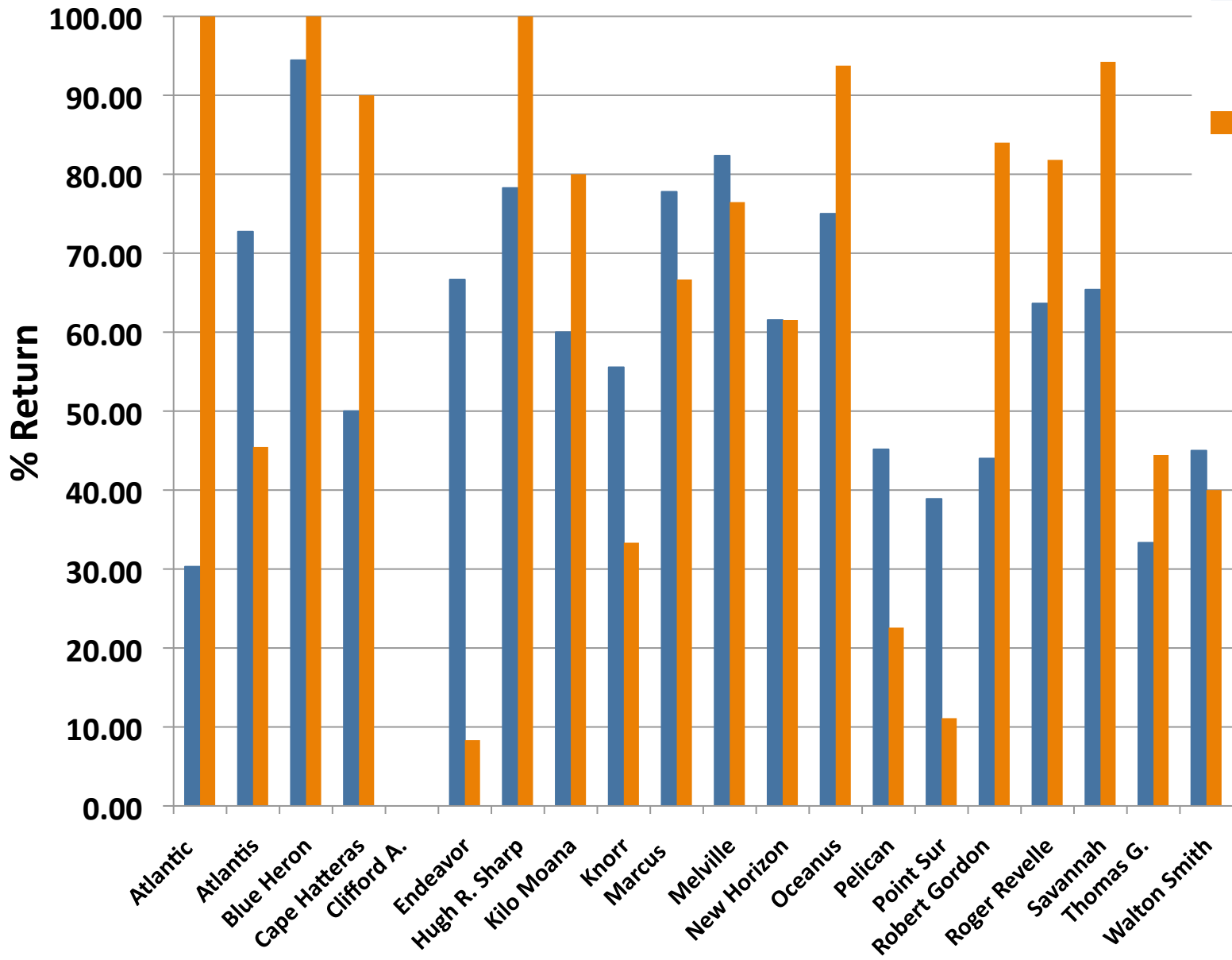


## Fleetwide Percent Return for Post Cruise Assessments 1999 - 2012

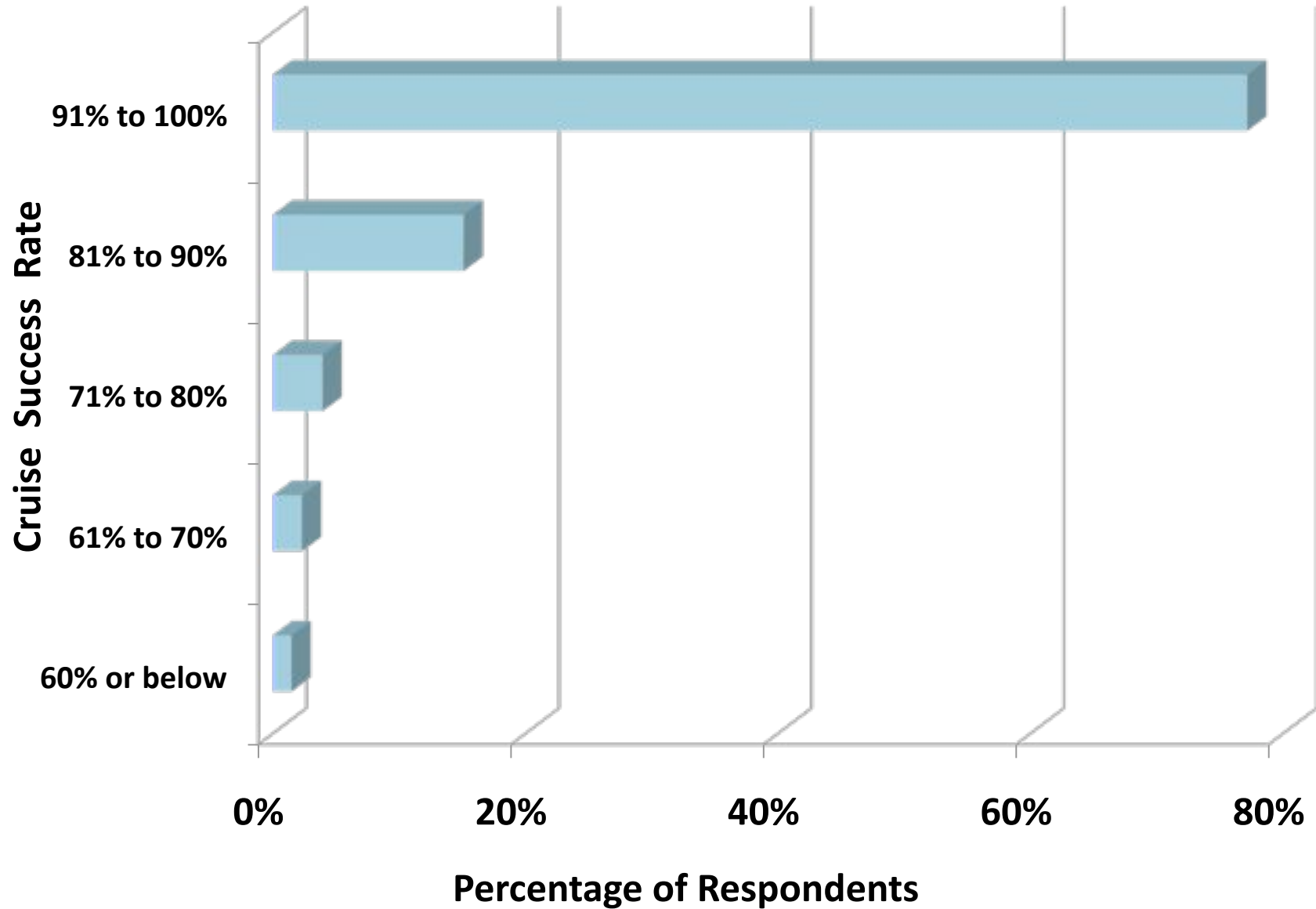


**% PCAR Return: Chief Scientists and Captain By Ship (2012)**

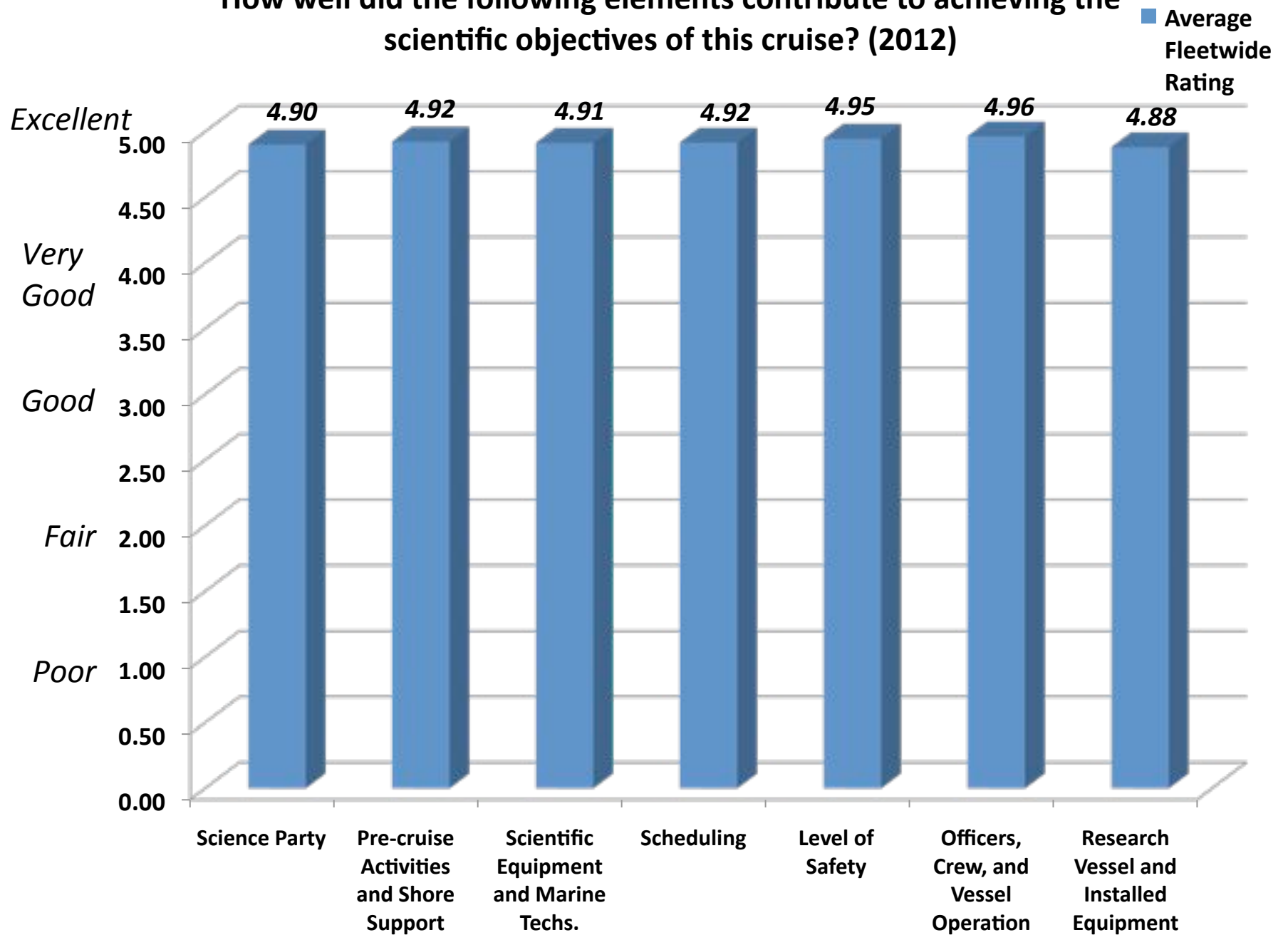
■ Chief Scientist  
■ Captain



## To what extent were the planned science objectives of this cruise met? (2012)



# How well did the following elements contribute to achieving the scientific objectives of this cruise? (2012)







# Federal Fleet Web Portal





# Federal Fleet Ship Schedule Portal

- UNOLS requested by Interagency Working Group on Facilities & Infrastructure, (IWG-FI) to develop federal fleet ship schedule portal
- Funded by NSF, ONR, & NOAA
- Will expand the scheduling information available to the scientific community beyond the UNOLS Fleet.
- Designed to display existing federal research ship schedules from participant agencies/organization that initially will include UNOLS, National Oceanic Atmospheric Administration (NOAA), the Environmental Protection Agency (EPA), the United States Antarctic Program (USAP), and the United States Coast Guard (USCG)



# Effort to Date

- Project is funded
- Quotes from Programmers received
- Computer Consultant chosen
- Developing Purchase Order
- Anticipate 6 months effort-
- Cost ~10 K







# GENDER CLIMATE AT SEA- UNOLS FLEET

**MARITIME TRAINING SERVICES**

## SEXUAL HARASSMENT PREVENTION

For the Maritime Industry

Sexual harassment claims cost companies millions of dollars and create unsafe work environments. If your crew is thinking about a recent harassment incident, they are not thinking about their jobs - this puts everyone at risk.

Avoid these harsh consequences with clear reporting and response procedures. Reduce potential liabilities, build a safety culture and conduct annual awareness training.

In this program you will learn:

- How and why to avoid sexual harassment
- Consequences: financial and emotional costs
- Case studies, examples of bad behavior, false myths
- Proper reporting procedures and record-keeping

Produced by

**MTS**  
Maritime Training Services

Tel: +1 204 447 8458  
Email: [info@maritimetraining.com](mailto:info@maritimetraining.com)  
Web: [www.maritimetraining.com](http://www.maritimetraining.com)

**MTS**  
Maritime Training Services  
[www.maritimetraining.com](http://www.maritimetraining.com)

**SEXUAL HARASSMENT PREVENTION For the Maritime Industry**

Subtitles:  
English, French, Spanish

**MTS**  
Maritime Training Services  
[www.maritimetraining.com](http://www.maritimetraining.com)

DVD



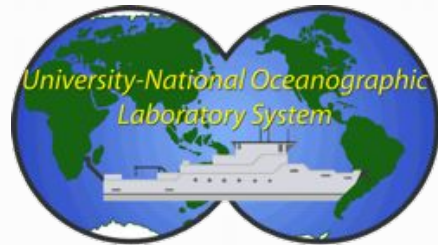
# Gender Climate at Sea

- Film developed by Maritime Training Services-  
[www.maritimetraining.com](http://www.maritimetraining.com)
- “Sexual Harassment Prevention- For the Maritime Industry”  
released June 2013
- Jon Alberts- UNOLS Executive Secretary Contributor/  
Interviewee
- Big Thanks to:
  - Doug Russell & Bill Rall, and crew of R/V Thompson-
  - Joe Malbrough and crew of R/V Pelican
  - Kenneth Coale/ MLML for guidance & encouragement
  - NSF and ONR for funding pilot program/use of ships for  
filming



# Feedback so far.....

- “We ordered the videos, awaiting our shipment. We do discuss this topic prior to every voyage to heighten awareness and to reinforce the avenues for reporting should something not go as planned.”
- “I liked the video. I thought it was much more practical then what was available previously. We will be posting it on our intranet so that all present and future UW sailors and science party members can view it as part of our indoctrination and on going training programs. “
- “We have purchased the video and it is on the ship.”
- “We purchased two films, one for ROGER REVELLE and one for Marfac which we will shared with MELVILLE, NEW HORIZON and ROBERT GORDON SPROUL. We thought the film was somewhat elementary and unlike our required training at UCSD, doesn't cover case law or nuances of sexual harassment. The film did hammer away at the idea that sexual harassment can destroy your career, family life and finances. We thought that would resonant with our many per diem hires that we have by nature of our operations. Accordingly, we intend to show to all new hires and annually to crews. “





# UNOLS and Telepresence

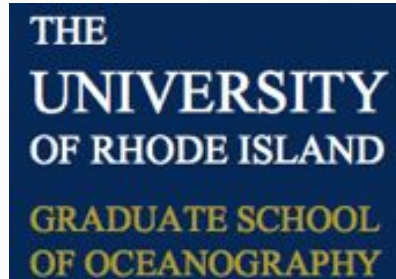
Expanding the scope of a sea-going research expedition





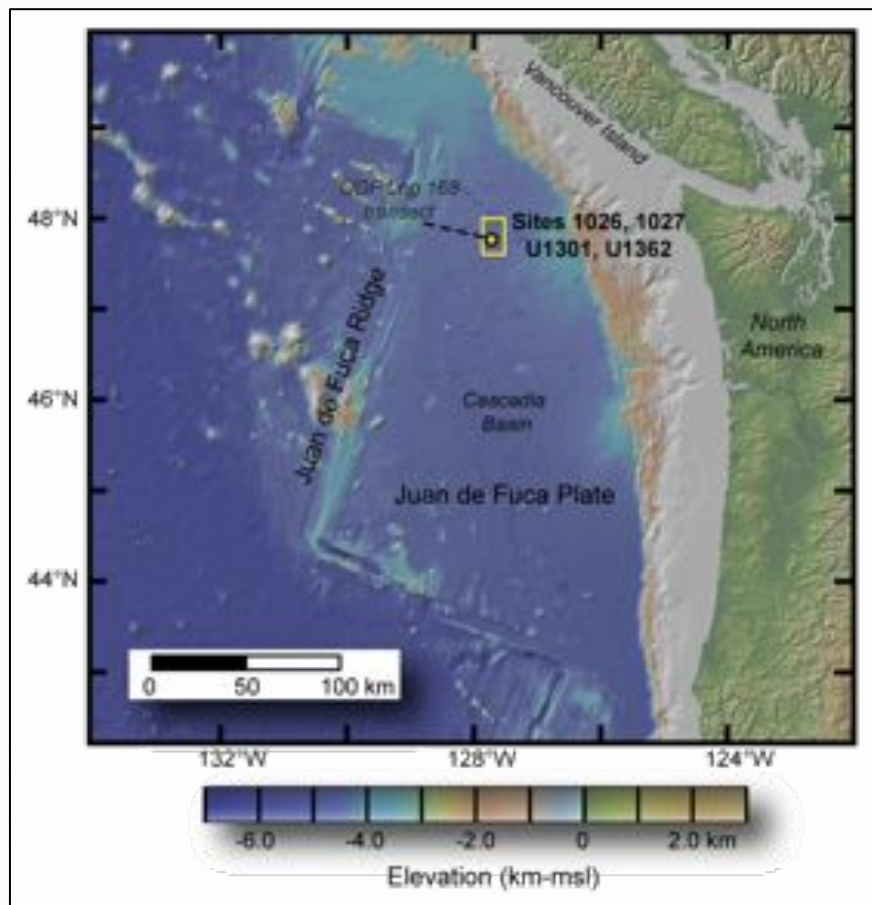
## 2013 Pilot Program: Telepresence and UNOLS

- **Pis:**
  - **Doug Toomey (U. Oregon - Cascadia Initiative)**
  - **Andrew Fisher (UCSC – JFR Flank Hydrogeo, ODP)**





# National Deep Submergence Facility



***Atlantis and ROV Jason***











<http://explorationnow.org/atlantis>



# 2013 Telepresence Pilot Program

- Post Cruise Debrief process
- Compile lesson learned





# UNOLS Speaker Series

UNOLS Goal: Establish a speaker series to highlight UNOLS ships and oceanographic research and to serve as an outreach activity to non-UNOLS colleges and universities, with particular attention given to institutions with under-represented minorities in the marine sciences.

## **Regional Coordinators:**

- Great Lakes: Doug Ricketts (Univ. of Minn.)
- Northwest: Bob Collier (OSU)
- Southwest: Bruce Applegate (SIO)
- Northeast: Mary Jane Perry (Univ. of Maine)
- Southeast: Peter Ortner (RSMAS)
- Gulf Coast: Vernon Asper (Univ. of Southern Miss.)
- Hawaii: Marcie Grabowski (Univ. of Hawaii)
- Alaska: Terry Whitledge (Univ. of Alaska)



# Activities – Recent and planned

- Lectures are underway
- SCOAR members are willing to provide input to Regional coordinators
- Additional Speaker Recruited – Tom Wilson (NE)
- Next phone meeting - August



University-National Oceanographic  
Laboratory System





Thank you!

*Please be our friend!*

