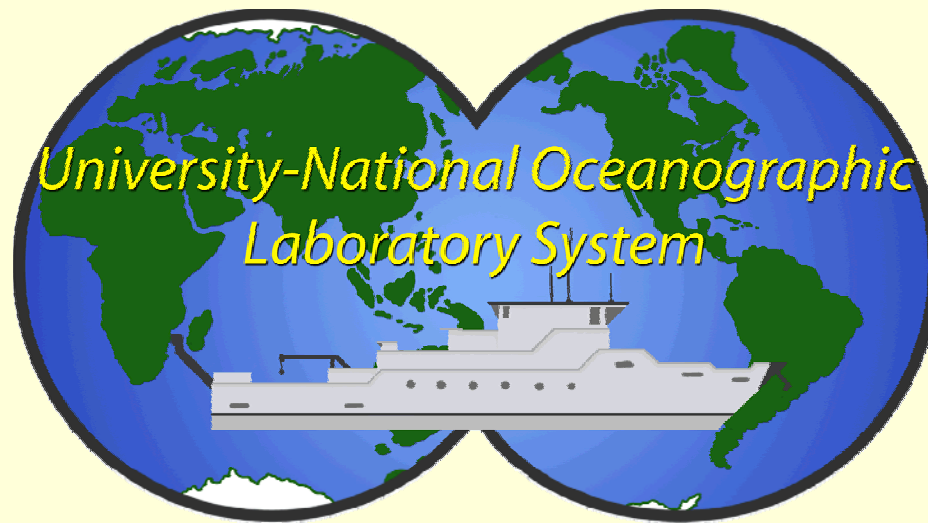


University-National Oceanographic Laboratory System

UNOLS Council Meeting

Updates on Activities and Issues



June 9 & 10, 2010

UNOLS Vessel Operations in the Gulf of Mexico

GULF OF MEXICO RAPID RESPONSE REQUESTED CRUISES- As of 9 June 2010

PI	Funding Agency/Grant #	Status	Ship	Dates	# Day	Ports
Gardener/NOAA cruise with Ostrom/NSF & Liu/NSF	Gardener-NOAA Ostrom-NSF1042887 Liu-NSF1042908	Funded NSF-portion Funded	Pelican	5/21 to 5/27	7	Cocodrie to Cocodrie
Roman, Boicourt, Brandt, Kimmel, Lavrentyev, Pierson	NSF1043248 NSF1043261 NSF	Funded	Pelican	9/1 to 9/7	7	Cocodrie to Cocodrie
Kessler w/ Yvon-Lewis, Bianchi, Raymond, Mills, Valentine	NSF1042650 NSF1042097	Funded	Cape Hatteras	6/11 to 6/20	10	Gulfport to Gulfport
Sidorovskaia	NSF	Pending	Req. Cape Hatteras	TBD	5	Gulfport to Gulfport
Joye-	NSF1043225	Funded	Walton Smith	5/21 to 6/10	21	Miami to Miami
Shiller	NSF-1042934	Pending	TBD	TBD		TBD
German	NSF1044289	Pending	Cape Hatteras	6/21-6/25	5	Gulfport to Gulfport
Camilli, (Reddy, Valentine, Kessler)	NSF1045025	Funded	Endeavor	6/8-6/28	21	St.Pete to St. Pete
Fisher	NSF 1045083	Pending	Oceanus	TBD	11	TBD

Fleet Renewal Activities

Ocean Class Acquisition (Navy)

Status:

- **Two design/build team awards made in Jan 2010**
 - Marinette Marine-Glostén
 - Dakota Creek-Guido Perla
- **14 month Phase I design period**
 - Phase II award – Spring 2011
 - Ship deliveries in 2014
- **Operator Selections made in May 2010**
 - AGOR27 – WHOI
 - AGOR28 - SIO

Fleet Renewal Activities

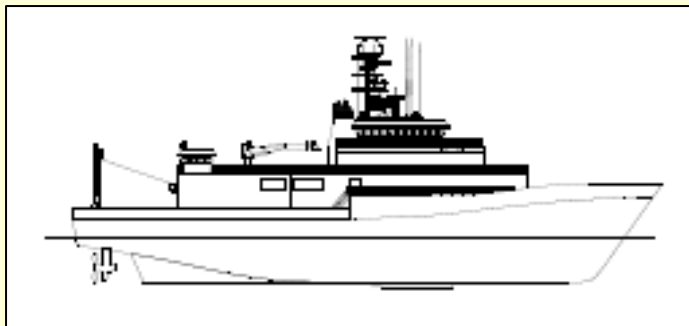
Regional Class Acquisition (NSF)

Phase I – 2 Ship Designs completed and the Glosten design was selected

Next ... – Design Refresh

FIC Tasking – Provide input on the “*Future areas of inquiry*” that include total power, DP capabilities, Aft Deck Space with two vans on deck, Bulbous bow and bubble sweep down, and Underwater Radiated Noise (URN). The FIC has been tasked to provide input by October 1, 2010.

Clare Reimers, FIC Chair, will provide and update.



Fleet Renewal Activities

Alaska Region Research Vessel, R/V *Sikuliaq*

- December 2009 - The ship construction contract was awarded to Marinette Marine Corporation (MMC)
- Currently in the Design Verification and Transfer (DVT) phase.
- October 2010 - Module fabrication will begin.
- December 2011 - Z-drive delivery (Wartsila) to the shipyard.
- December 2012 - Vessel delivery to UAF.
- 2013 - Ice and science trials
- January 2014 - Vessel begins operations



**2010 Ship Schedules
Estimated Operating Costs
and
2011 Ship Scheduling**

LETTER TO SHIP SCHEDULERS

2011 Ship Scheduling

The 2011 Scheduling season is here and it is time to get started. We realize funding decisions will be coming in over the next few months but it is helpful to post what we currently know and to address issues as we begin the process.

As in years past the UNOLS Office will conduct conference calls with all the UNOLS ship schedulers and these will begin according to the schedule below. The calls will be arranged by region and class of ships. Please post your letters of intent on the UNOLS STRS system in preparation for these conference calls.

The UNOLS office will be working with NSF, NOAA, ONR, etc requesting funding updates and clarification to the ship time requests currently in our system.

Please pass along to the Ship Scheduling Committee, Stan Winslow and Liz Caporelli as well as the UNOLS office any pertinent information and project details that you have gathered.

The UNOLS Office conference call schedule:

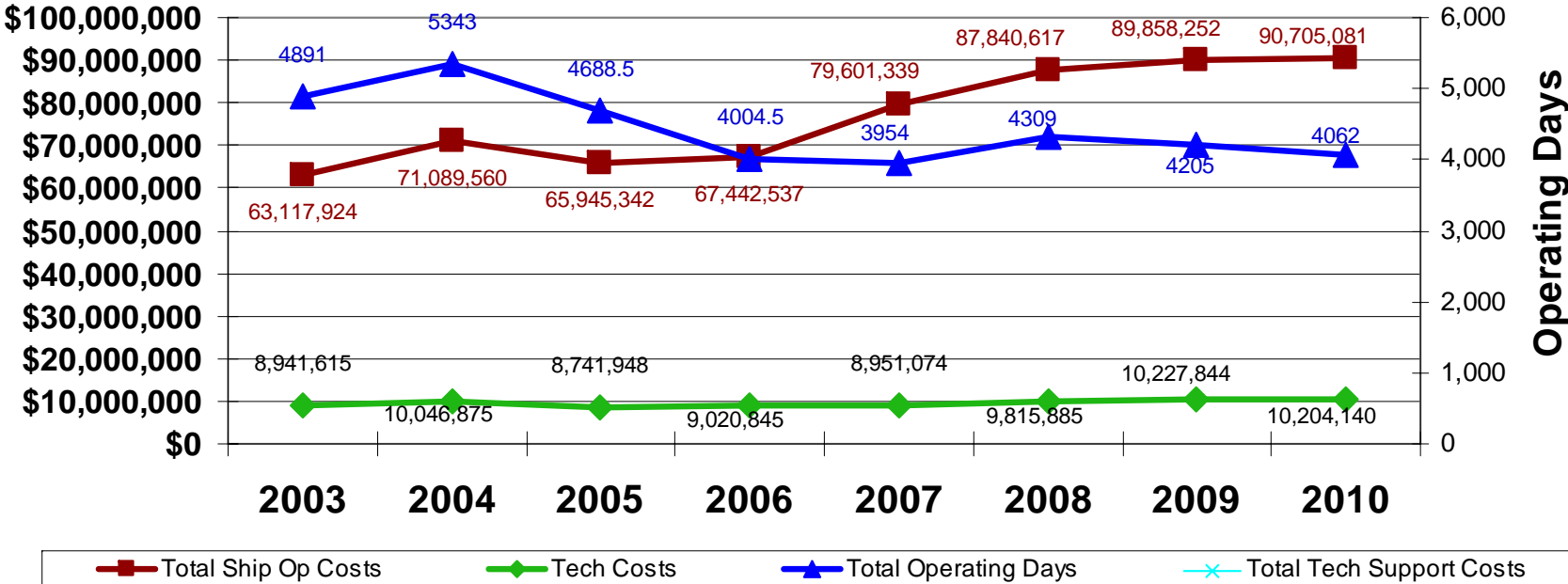
Thursday: June 17- Time- 1500 EDST- All Globals/Ocean Class- (*Melville, Revelle, Knorr, Atlantis, Thompson, Langseth, Kilo Moana*)

Tuesday: June 22- Time- 1500 EDST- Coastal/Local- (*Pelican, Walton Smith, Savannah, Blue Heron, Clifford Barnes*)

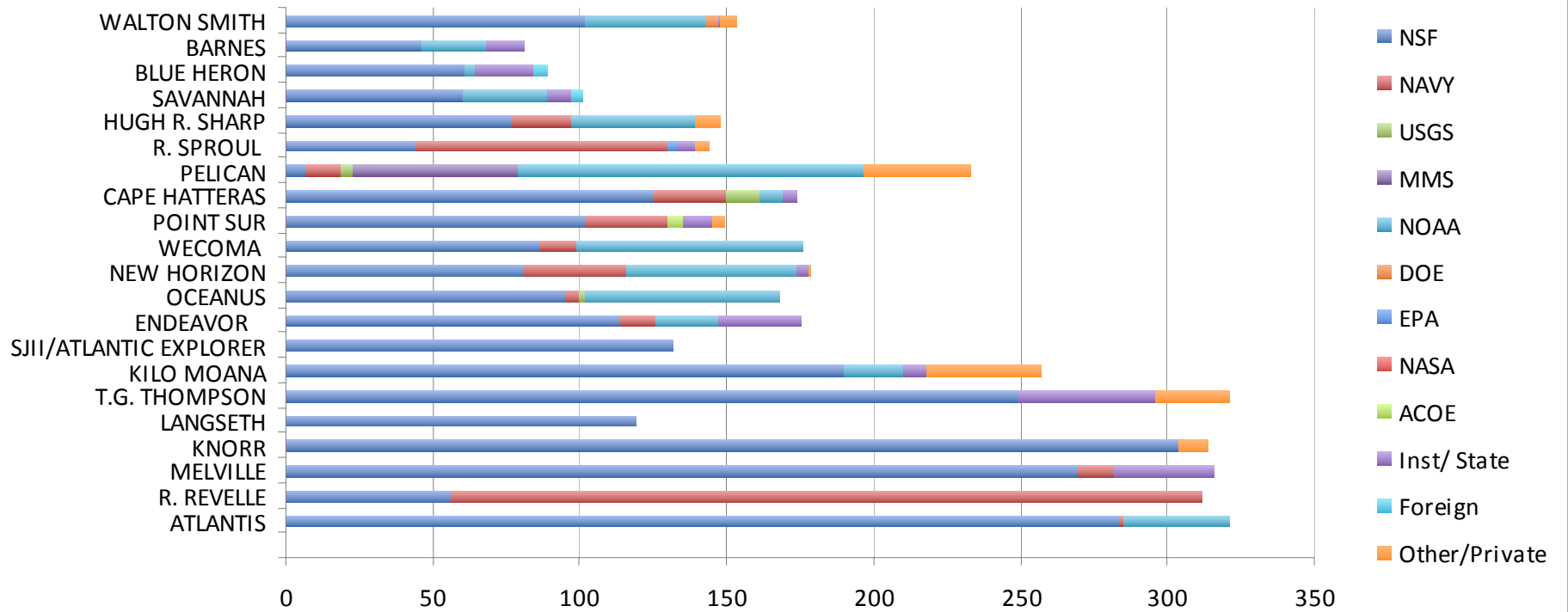
Wednesday: June 23- Time 1500 EDST- East Coast Intermediates/Regional- (*Endeavor, Oceanus, Atlantic Explorer, Cape Hatteras, Sharp*)

Monday: June 28- Time 1500 EDST- West Coast Intermediates/Regional- (*Wecoma, Point Sur, New Horizon, Sproul*)

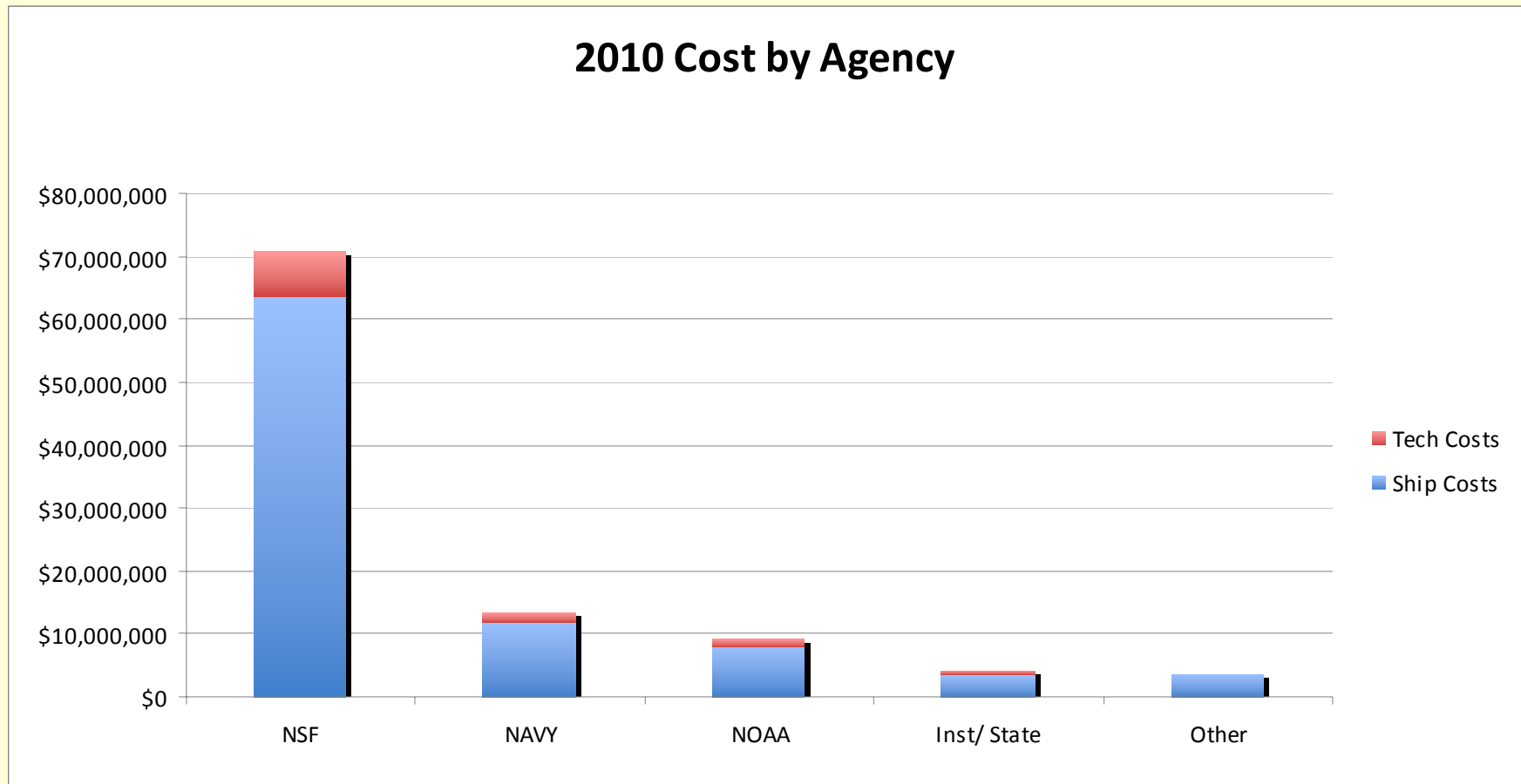
2003 - 2010 UNOLS Fleet Operating Days and Costs



2010 Schedules



Agency Allocation



2011 SHIPTIME REQUEST SYSTEM

as of June 3, 2010

All classes of ships: Total Funded - 1700 days

Total Pending- 1078 days

Funded= total science days times 1.35 factor for mob/demob
/transit

Pending= total pending times 30% success with 1.35 factor
applied and includes “to be submitted proposals”

GLOBAL/OCEAN- *Melville, Revelle, Knorr, Atlantis,
Thompson, Langseth, Kilo Moana*

Total Funded - 778 days

Total Pending - 697 days

2011 SHIPTIME REQUEST SYSTEM

as of June 3, 2010

EAST COAST INTERMEDIATES/REGIONAL

Atlantic Explorer, Oceanus, Endeavor, Cape Hatteras

Total funded- 402 days

Total pending- 142 days

WEST COAST INTERMEDIATES/REGIONAL

New Horizon, Wecoma, Sproul

Total funded- 165 days

Total pending- 76 days

REGIONAL/COASTAL/LOCAL

Pelican, Walton Smith, Savannah

Total funded – 138 days

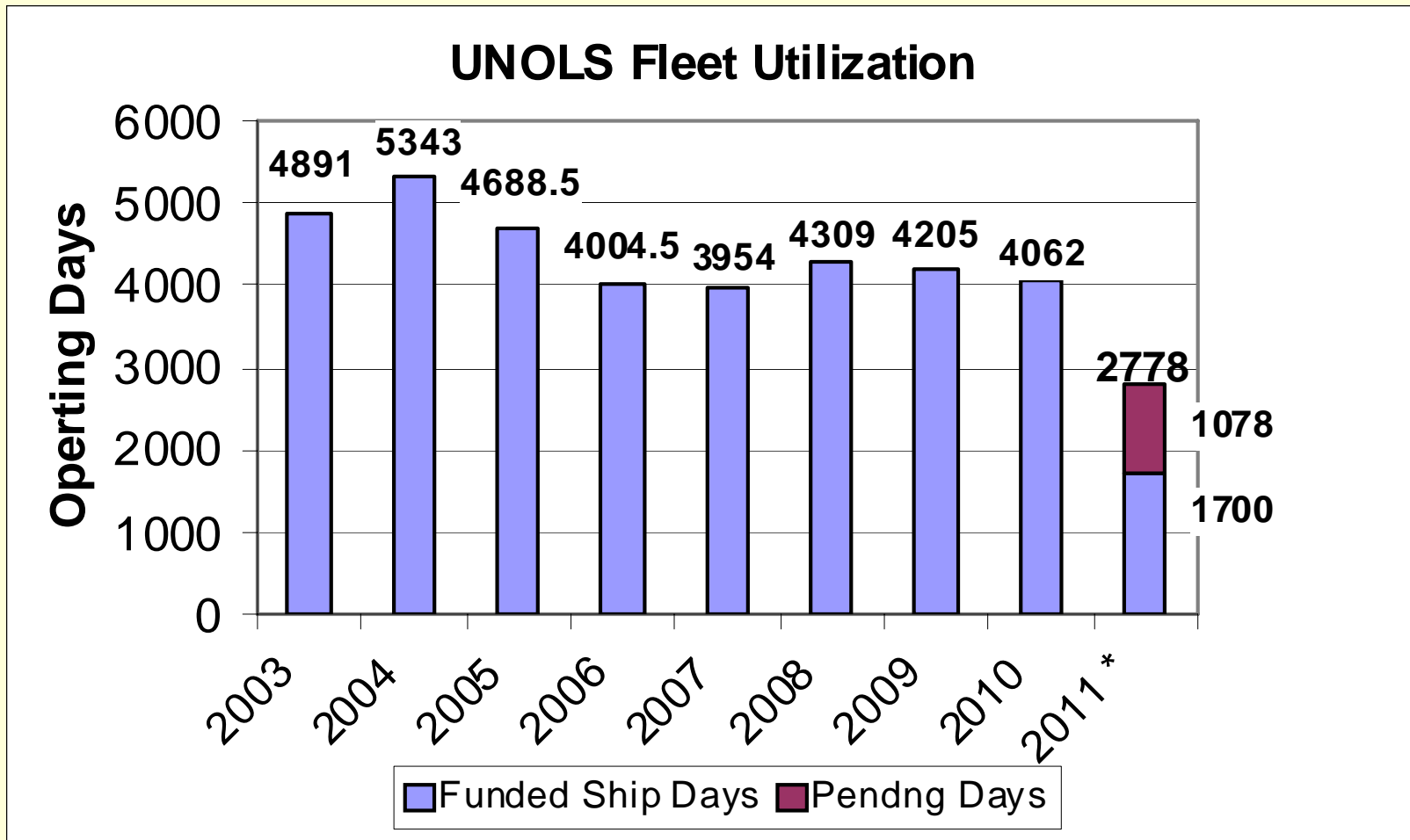
Total pending-100 days

UNOLS Ad Hoc Committee

to Review Agency Recommendations Regarding
Fleet Operations in 2011

- Council Members from non-ship operating institutions:
 - Vernon Asper
 - Wilford Gardner
 - John Morrison
 - Robin Muench (AICC Chair)
 - Peter Girguis (DESSC Chair)
 - Graham Kent (MLSOC Chair)

Ship Time Demand



Funded = total science days times 1.35 factor for mob/demob /transit

Pending= total pending times 30% success with 1.35 factor applied and includes "to be submitted proposals"

Ship Time Demand (continued)

- Evaluate the decrease in ship time demand
 - There is a lot of anecdotal suggestions as to the cause to the decline
 - Conduct a survey to collect factual information?
 - Other strategy suggestions?
 - Form an ad hoc committee
 - Distribution?

Ship Time Demand (continued)

Survey Purpose: To collect data regarding ship time demand in order to:

- Better evaluate the future fleet capacity and composition in comparison to user ship time demand
- To identify any (real or perceived) barriers or issues related to proposing ship time

Survey Questions:

1. **How many years has it been since completion of your formal education?**

- 20+ years
- 10 to 19 years
- 5 to 9 years
- 0 to 4 years

2. **Please indicate your research discipline:** _____

3. **Have you ever submitted a proposal that included a request for ship time?**

- Yes
- No. If no, why?

Ship Time Demand (continued)

Survey Questions (continued):

4. **If yes to question 3, how many proposals with ship time have you submitted for cruises during the following periods (feel free to estimate)**
- 1995 to 2000 _____
 - 2001 to 2005 _____
 - 2006 to 2010 _____
 - 2011 and beyond _____
5. **Please indicate the class of ship(s) that you participated on as the cruise PI. Check all that apply:**
- Global
 - Ocean Class (Kilo Moana)
 - Intermediate
 - Regional
 - Regional/Coastal and Local

Ship Time Demand (continued)

Survey Questions (continued):

6. Do you plan to submit to submit a proposal with ship time within the next three years?

- Yes
- No

7. If “no” to question 6, please explain why:

8. Have you ever been reluctant to submit a ship time proposal for any of the following reasons:

- An indication from a program manager or agency
- Administrative responsibilities associated with managing a grant
- Perception of low award rate for proposals with ship time
- Would rather participate in a cruise as a non-PI
- Research does not require ship time

9. Etc....

Ocean Observing Science Committee (OOSC)

- Ad Hoc committee: John Morrison, Wilf Gardner, and Kenneth Coale
- **OOSC Terms of Reference:**
 - The Ad hoc committee reviewed the ToR and distributed to the Council for comment/ endorsement
 - Pending Council's endorsement, the ToR will be placed on the ballot for membership vote at the fall Annual Meeting
 - Upon Membership endorsement, the OOSC ToR will be added as Annex X to the UNOLS Charter.

Ocean Observing Science Committee (OOSC) - *continued*

- UNOLS Rep for the OOI Review meetings:
 - June 22-24: OOI Construction Review – John Morrison will attend as the UNOLS Rep
 - August 17-18: OOI Operations and Maintenance – UNOLS Rep needed.

Ocean Observing Science Committee (OOSC) - *continued*

- OOSC Membership:
 - Shall be comprised of up to 7 individuals who will represent the various science disciplines
 - Shall not include members of the teams **or institutions** receiving federal funding to construct and operate ocean observing systems.
 - Shall also include individuals with technical background in ocean observing marine assets including data acquisition and management.
 - **The Ad Hoc Committee recommends a broadly distributed “Call for Nominations” now**

Antarctic Research Vessels and UNOLS

- At the March Council meeting an *ad hoc* committee was formed: Vernon Asper, Robin Muench, and Peter Wiebe
- The ad hoc committee with input from Bob Houtman and program managers in OPP drafted a letter to OPP.
- This letter suggests:
 - That OCE, OPP, and UNOLS work together to acquire any new Southern Ocean vessels that will replace the NB Palmer and LM Gould, and
 - that these new vessels become part of the UNOLS fleet.
- May 1 – the draft letter was sent to the Council for comment.

UNOLS Charter Review

- Charter review/re-adoption is required every 3 years.
- Review subcommittee: Nancy Rabalais, Rob Pinkel, and Vernon Asper
- All Committee Chairs have been requested to review their respective Charter Annex and forward any suggested changes by June 5th.
- Charter revisions should be finalized by mid August.
- Distribution to membership at least 30 days in advance of Annual Meeting

UNOLS Council Nominations 2010

Nominating Committee: Bruce Corliss (Chair), Wilf Gardner, and Peter Wiebe

Council Terms Ending:

<i>MEMBER</i>	<i>INSTITUTION</i>	<i>POSITION</i>	<i>TERM</i>
John Morrison	UNCW	Non-Operator	10/07 - 10/10 (1 st)
Nancy Rabalais	LUMCON	At Large	10/07 - 10/10 (1 st)
Peter Wiebe	WHOI	Past-Chair	10/09 - 10/10

Council Positions open in 2010:

- UNOLS Chair Elect (At-Large)
- Non-Operator
- At-Large

Other Council Membership Changes:

- Vernon Asper becomes Immediate Past Chair
- Bruce Corliss becomes Chair

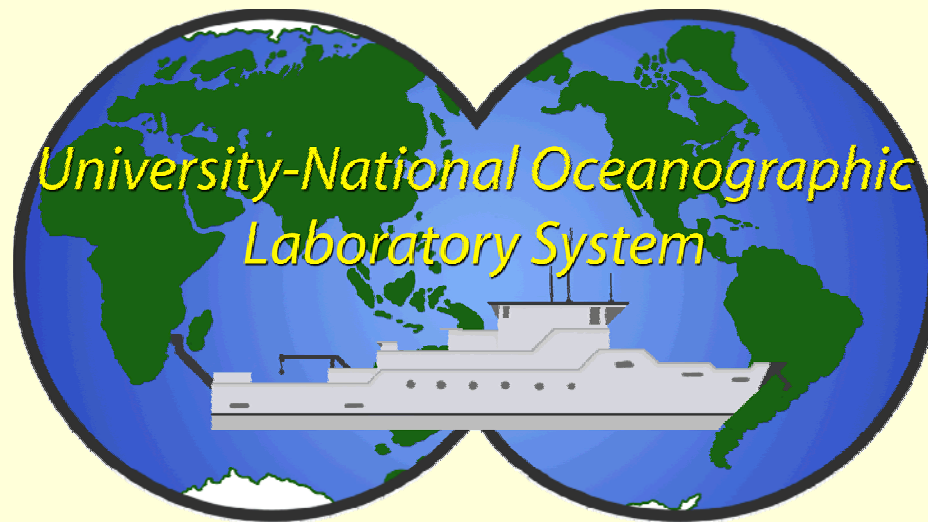
Meeting Announcement
The UNOLS Annual Meeting will be held
Thursday and Friday
October 14 & 15, 2010
at
The National Science Foundation

~ Keynote Speaker Needed ~

University-National Oceanographic Laboratory System

UNOLS Council Meeting

Updates on Activities and Issues



June 9 & 10, 2010

DAY 2

Recap of Day 1 Action Items

- **UNOLS Vessel Operations in Gulf of Mexico:**
Contact Bill Streever of BP for RFP information on call for proposals for Gulf of Mexico research
- **Academic Fleet Renewal Activities:**
 - **Ocean Class Research Vessel** - Navy will call upon FIC for feedback on an as need basis.
 - **Regional Class: NSF Tasking status** –
 - Clare will provide the FIC draft recommendations to the Council upon completion
 - Clare – contact Tim Gates regarding the bulbous bow/bubble sweep-down information. Mike Prince will send contact information.
 - Annette will post NSF's RCRV task letter to FIC along with the enclosures and make the link available to the Council.
 - FIC will respond to NSF by Oct 1.

Recap of Day 1 Action Items

- **UNOLS Ad Hoc Committee to Review Agency Recommendations Regarding Fleet Operations in 2011**
 - Robin Muench and Vernon Asper volunteered.
 - One additional volunteer is needed.
 - Agency recommendations are expected in the fall.

Recap of Day 1 Action Items

- **Ship Time Demand Survey**

- An *ad hoc* committee was formed : Peter Wiebe, Rob Pinkel, and John Diebold
- Draft a community survey to evaluate ship time demand – Annette, Ad hoc committee, and input from the Council.
- Create an on-line form (Monkey will be explored). Look for tips on successful surveys.
- Broadly distribute the survey in mid summer and collect data through September – UNOLS Office
- Provide a preliminary summary of the data at the Fall UNOLS meeting.
- Contact Rodey Batiza and Phil Taylor and convey concern about the 2011 schedules. Other agencies should also be contacted
- Look into DISCO and PODS

Recap of Day 1 Action Items

- **Proposed formation of a new UNOLS Ocean Observatories Science Committee (OOSC)**
 - Include the endorsed OOSC Terms of Reference on the 2010 Membership ballot
 - Broadly distribute a call for nominations
- **Antarctic Research Vessels and UNOLS**
 - Vernon Asper will compile/incorporate comments to the draft letter and re-circulate for review
 - Send letter to OPP and OCE

Recap of Day 1 Action Items

- **UNOLS Charter Review**

- Subcommittee: Nancy Rabalais, Rob Pinkel, and Vernon
- Committee Chairs are asked to review their respective Charter Annex and forward any suggested changes as soon as possible
- Subcommittee will send Charter revisions to the Council in July and request endorsement.
- Charter revisions should be finalized and endorsed by mid August.
- Distribution to membership at least 30 days in advance of Annual Meeting

Recap of Day 1 Action Items

- **Nominating Committee:** Bruce Corliss, Wilf Gardner, and Peter Wiebe.
 - Committee will finalize the slate and send to the Council for endorsement.
 - Distribution to membership at least 30 days in advance of Annual Meeting
- **UNOLS Annual meeting Keynote Speaker**
 - Kate Moran was invited and accepted!
 - Invite the new NSF Division Director to the annual meeting and reception

UNOLS On-Going Activities and Issues

NSF 3rd Large Facility Workshop

May 4-7 2010 in San Diego, CA

Linda Goad, NSF Program Director, Ship Operations

Florence Rabanal and Jean-Rene Roy, Large Facilities

Scripps Institution of Oceanography/Marine Operations

UNOLS Office- Organizing, Registering, Facilitating,
Managing all Power Points Presentations, Billing and
Invoicing, Distributing information and establishing e-mail
list for dissemination of information after workshop.

110 Participants including representation from
SIO, URI, OSU, WHOI, MLML, UDEL,
DUKE

NSF 3rd Large Facility Workshop

Agenda Topics Included

Keynote Address- Dennis Nixon- “Cost of Complacency”

Safety on the Sea, Air, High Latitude, High Altitude, Ground and Underground

Recapitalization and Supply

Human Capital

Scheduling

Performance Goals and Measurement

Cybersecurity

Appropriations Law

Energy Supply and Alternate Sources

Green Technologies for the UNOLS Fleet and other NSF Facilities

Tours of MARFAC, including R/V New Horizon & R/V Sproul and the
Scripps Earthquake Engineering Laboratory

Greening the UNOLS Fleet

Bruce Corliss will provide an update on activities and plans.

UNOLS

POST CRUISE ASSESSMENT REPORT (PCAR)

Subcommittee

MEMBERS

Bob Collier/OSU

Joe Malbrough/LUMCON

Wilf Gardner/TAMU

Dave Fisichella/WHOI

CHARGE

Committee's goal is assure that communications intended by the PCAR process remain effective. Report back on high-level trends and issues that might need to be addressed by the broader community in the interest of improving quality of the seagoing operation.

UNOLS Council Telecon June 10, 2010

PCAR

- After January telecon, Erin increased the effort from the UNOLS office to 'extract' missing forms: sent letters directly to the Chief Scientists (beyond the normal list to the operators).
- This was effective, especially for vessels with anomalously low return rates. Often identified oversight by the absent-minded, or professed confusion. The suggestion that funding program officer may note the absence of a submission may have helped (scientists don't move until Fastlane tells them they are late 😊).
- In early February, the committee received PCAR forms for 4 of the global vessels. (*Thompson, Revelle, Knorr and Kilo Moana*).

(Wilf has completed work on the *Kilo Moana*)

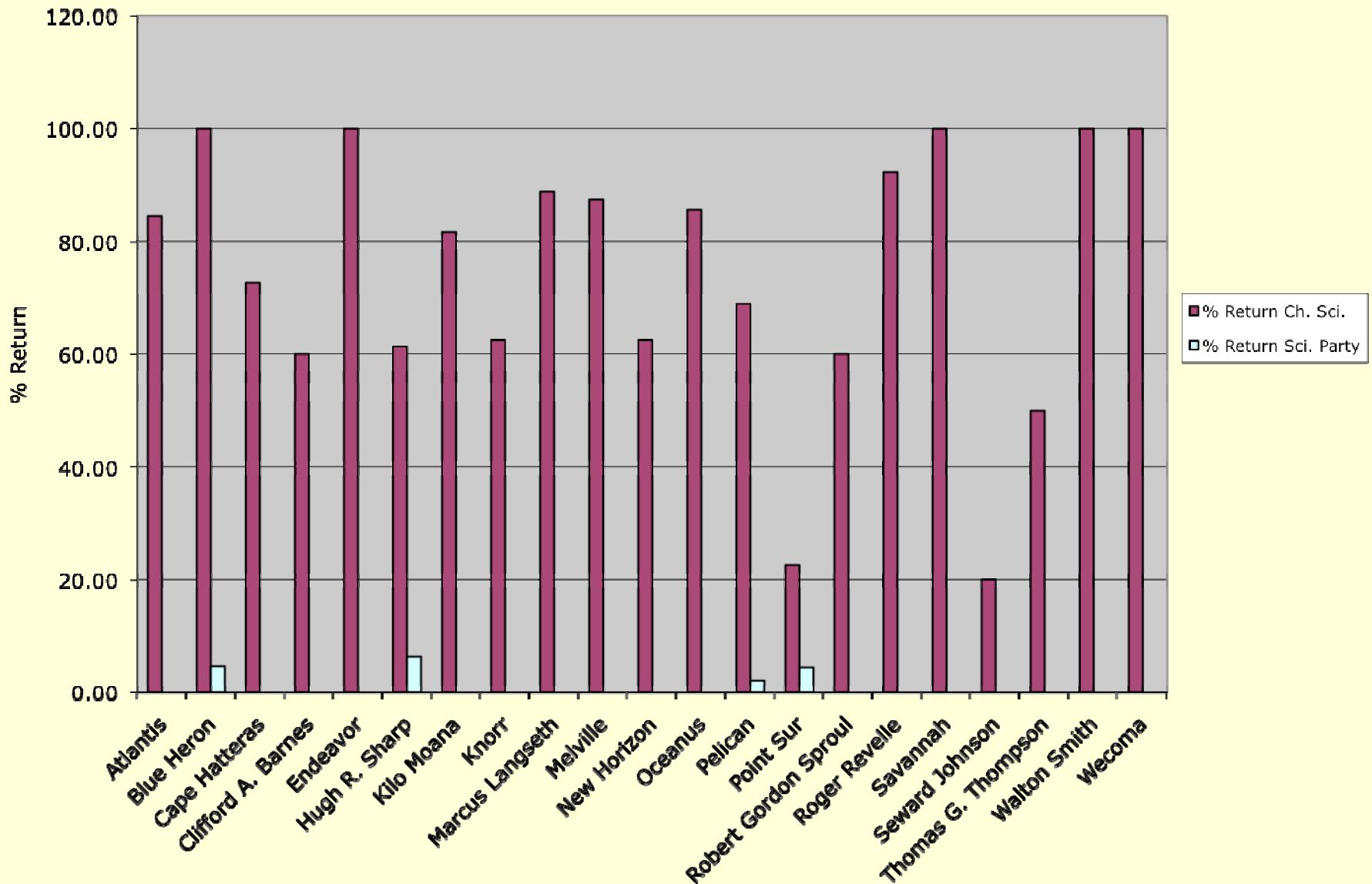
Status – Distribution and Use (J. Alberts)

- UNOLS Office- Receives, reviews, reports out and archives all PCAR.
- UNOLS Exec Sec call the Marine Supt. or the Ch. Sci to get “the rest of the story” and then discusses with the funding agency program office.
- Other copies distributed: Marine Ops Office, PI & submitter, Agencies:
 - NSF- Linda Goad and Bob Houtman receive & review. If there are any issues, Linda sends them to sponsoring NSF Program Manager, including Matt Hawkins and Jim Holik. Contact / follow-up with marine superintendent
 - ONR- Tim Schnoor- receives & reviews then forwards to the ONR sponsoring program officer

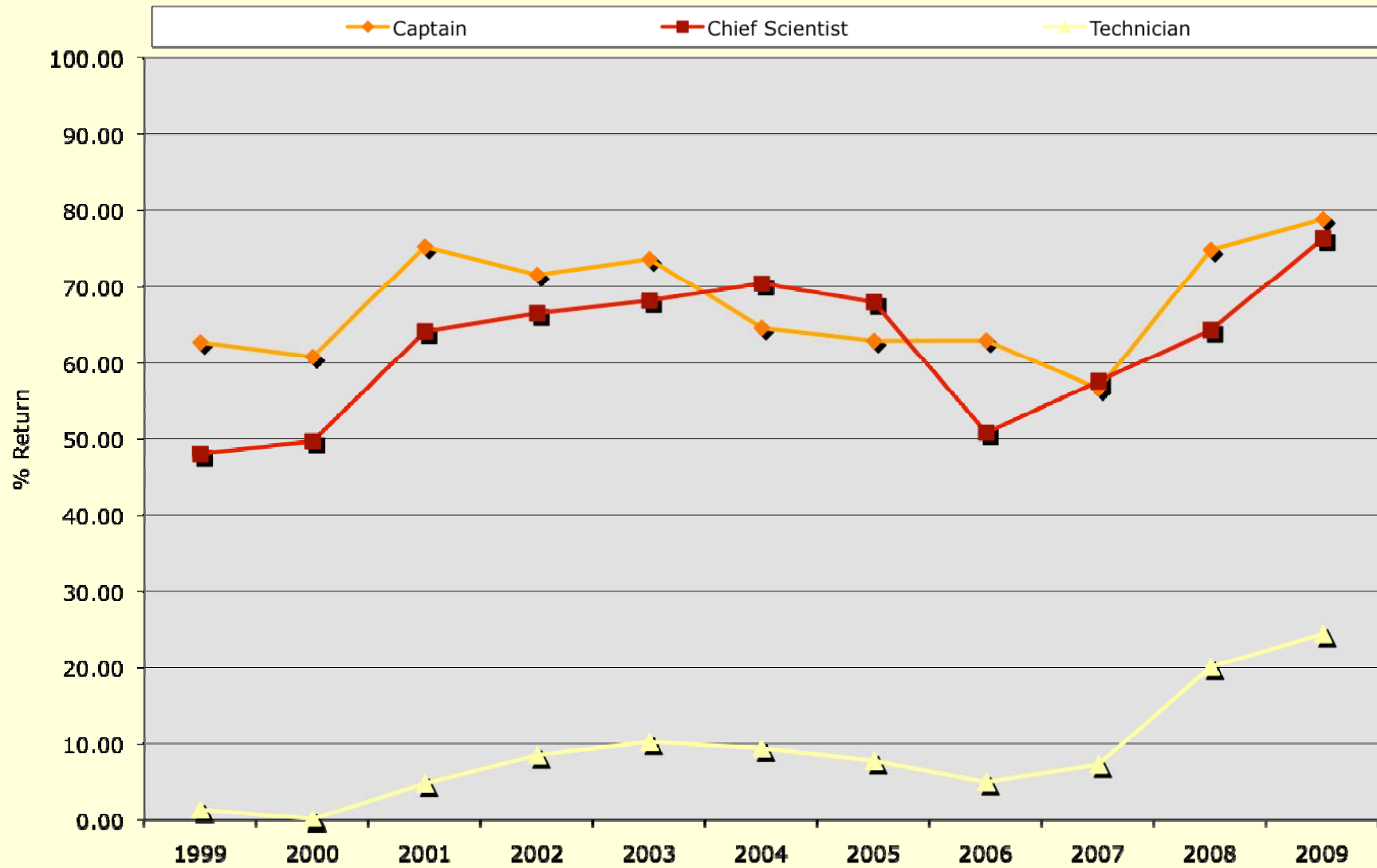
***To date, no complaints or suggestions to modify distribution
(It's working)***

PCARs – Fleet Statistics (2009)

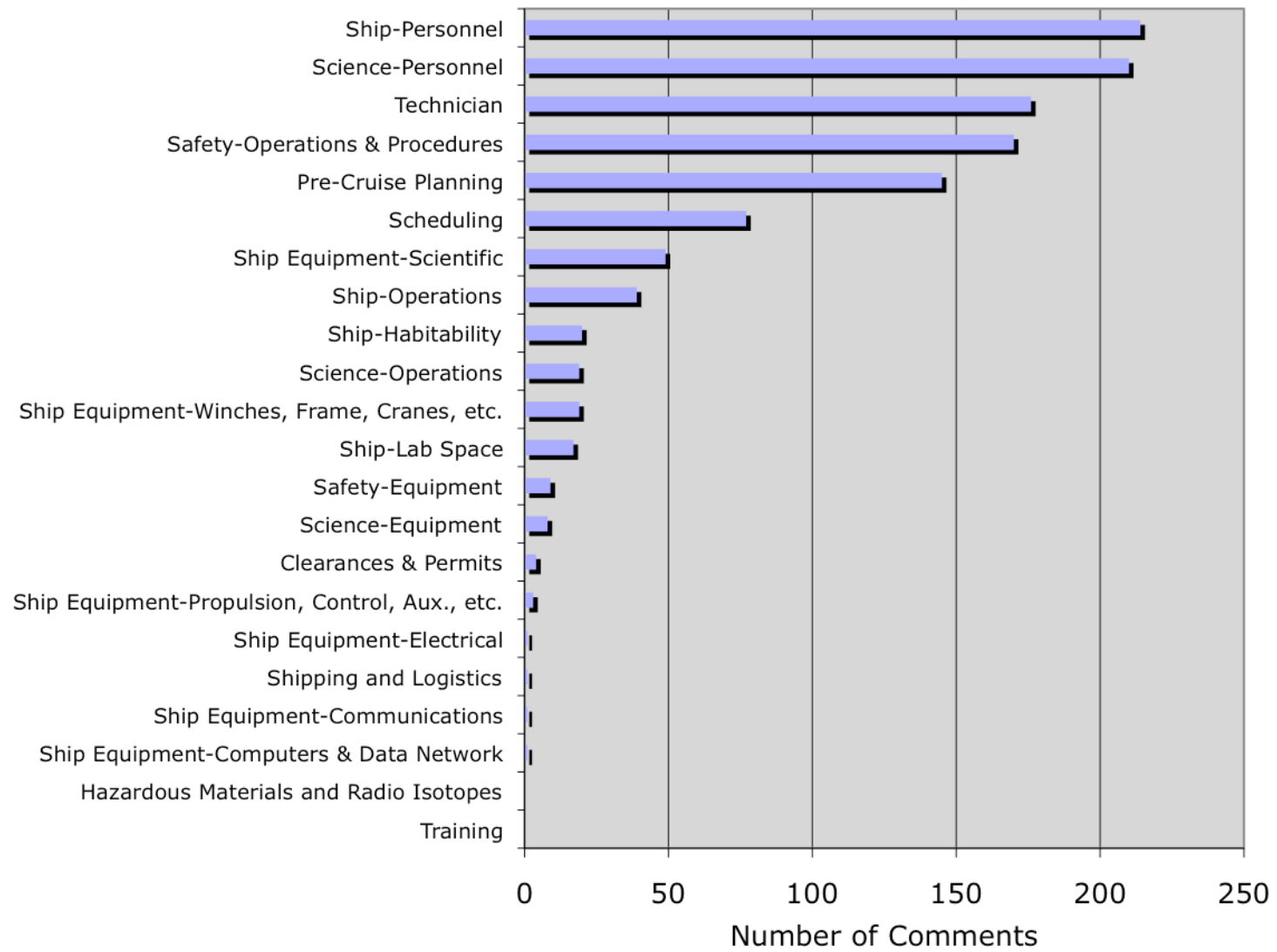
% Return: Chief Scientists and Science Party, by Ship



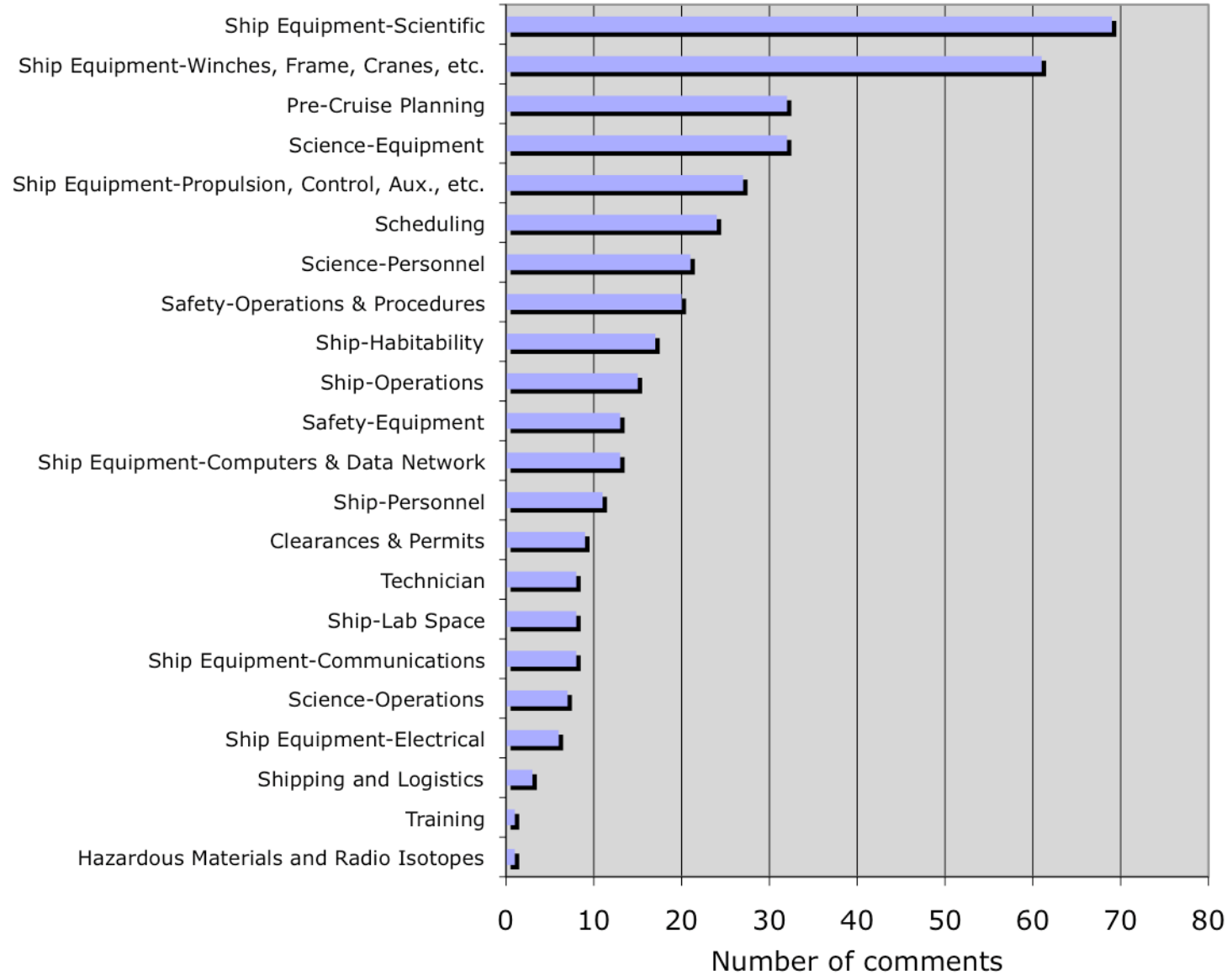
Fleet Percent Return for Post Cruise Assessments 1999 - 2009



Positive Comments



Suggestions



In support of Council's PCAR review committee:

- PCAR packages are distributed with summary statistics from the database (these are the same data used for the fleet-wide reports):

R/V Kilo Moana Summary of Reports Turned In and Success Rates for 2008 and 2009

Reports Turned in for 2009 # of cruises:	Number of Reports Turned In:			Percentage of Cruises with Reports Turned In:	Total Number / Percentage of Cruises with Reports Turned In For UNOLS Fleet:
	Paper	New Online	Total		
Captain		21		95.45 %	316 / 78.80 %
Chief Scientist		18		81.82 %	301 / 75.06 %
Marine Technician		20		90.91 %	98 / 24.44 %
Science Party		0		0.00 %	5 / 1.25 %

Reports Turned in for 2008 # of cruises:	Number of Reports Turned In:			Percentage of Cruises with Reports Turned In:	Total Number / Percentage of Cruises with Reports Turned In For UNOLS Fleet:
	Paper	New Online	Total		
Captain		20	20	95.24 %	342 / 74.84 %
Chief Scientist		17	17	80.85 %	294 / 64.33 %
Marine Technician		18	18	85.71 %	92 / 20.13 %
Science Party		0	0	0.00 %	7 / 1.53 %

Cruise Success Ranges	Percentage of Reports in Range:		Percentage of Reports in Range for UNOLS Fleet:	
	2009	2008	2009	2008
100% or More	42.03 %	40.68 %	57.03%	59.19%
75% - 99%	56.52 %	54.24%	33.51%	30.45%
50% - 74%	0.00 %	0.00 %	3.81%	2.10%
25% - 49%	0.00 %	0.00 %	0.53%	1.57%
Less Than 25%	0.00 %	5.08 %	0.92%	1.18%
No Response	1.45 %	0.00 %	4.20%	5.51%

Comparison between fleet & ship – Quality of Service

These numbers are obtained when Post Cruise Assessments are read and have comments that pertain to the areas of interest below.

Comment Type	Kilo Moana		Total Number For Fleet	
	Positive Comments	Suggestions	Positive Comments	Suggestions
Clearances & Permits	0	0	4	9
Hazardous Materials and Radio Isotopes	0	0	0	1
Pre-Cruise Planning	32	4	145	32
Safety-Equipment	1	3	9	13
Safety-Operation & Procedures	31	2	170	20
Scheduling	2	4	77	24
Science-Equipment	2	3	8	32
Science-Operations	5	1	19	7
Science-Personnel	33	3	210	21
Ship Equipment-Communications	0	2	1	8
Ship Equipment-Computers & Data Network	0	1	1	13
Ship Equipment-Electrical	0	0	1	6
Ship Equipment-Propulsion, Control, Aux, etc.	0	4	3	27
Ship Equipment-Scientific	12	4	49	69
Ship Equipment-Winches, Frame, Cranes, etc.	1	19	19	61
Ship-Habitability	5	2	20	17
Ship-Lab Space	2	0	17	8
Ship-Operations	10	1	39	15
Ship-Personnel	34	0	214	11
Shipping and Logistics	0	0	1	3
Technician	33	0	176	8
Training	0	0	0	1

What's (still) not working well about the process?

- **The Captain's use of form** – little useful data (not working for them)
- **The Tech use of the form** – very very low %, anonymity cited.
- The statistics provided by UNOLS office are GREAT, but labor intensive. Does the cost/benefit work out?
- **Timely returns (*not*)** – it often takes significant pressure from the office. Since these are reviewed when received for safety issues which need immediate attention, late forms make this less effective.

Path Forward (recommendations):

- Continue (OK, complete) reviews – move on.
- Start using:
http://strs.unols.org/members/diu_pca_edit.aspx
vs. <http://www.gso.uri.edu/cgi-bin/pcget.cgi>
- Drop the Captain and Tech use of this form:
 - Captains – Do the RV Operators feel there is a better format? Are the separately written responses appended to the PCARs adequate. Other avenues for comms through RV operators committees?
 - Techs – Similar issues as captains. However, previous discussions with RVTech suggests that the lack of anonymity is a problem.

Investigate the feasibility of a more flexible UNOLS

(John Diebold)

- **Members:** John Diebold (Chair), Nancy Rabalais, Stand Winslow, Mary Jane Perry
- **Questionnaire to R/V operators soliciting information on past experiences:**
 - Cable surveys, Charters, research funded by non-government sources
 - Pros, cons, challenges, benefits, lessons learned
- **Another questionnaire or meeting with ship owners – NSF, ONR, states**
 - Gather information on concerns, requirements with regard to non-government funding.

Gender Climate at Sea

(Kenneth Coale)

- **Reviewed Training Material** – Several of the ad hoc group have reviewed the on-line training courses on Unlawful Harassment Prevention offered by WorkPlace Answers
- **The following implementation strategy is suggested:**
 - 1) The small committee would review a condensed WorkPlace Answers training course
 - 2) Launch a beta test of the selected training course for UNOLS scientists, techs, and crew
 - 3) Collect information from users for a year's period
 - 4) Summarize the findings and get back to Workplace Answers with more concrete suggestions from users.
 - 5) Then develop a customized program if needed.
- **This would:**
 - 1) Get a program up and running immediately
 - 2) Provide a wider range of feedback and more relevant suggestions for customizing content.
- **The estimated cost is about \$15 per training session**

UNOLS On-Going Activities and Issues

(Continued)

- **UNOLS Involvement at Future Science Meetings** – At the last meeting, Robin Muench was asked to explore options for a UNOLS Plenary session at a future AGU or Ocean Science meeting. (Robin Muench)
- **UNOLS Outreach/Mentoring Initiatives Update** – (Annette DeSilva)
- **RVOC ad hoc committee on Medical Issues** – The Council recommended that the RVOC ad hoc committee on medical issues be reformed. Status. (Pete Zerr)

Rolling deck to Repository (R2R) Project Update

The written report was distributed prior to the meeting. Comments?

Rolling Deck to Repository (R2R) Program

S.Carbotte, R.Arko, V.Ferrini, S.Miller, K.Stocks, C.Chandler, A.Maffei, S.Smith, M.Bourassa

Report to UNOLS Council

June 10, 2010

R2R continues scaling up to fleet-wide operation, most recently bringing *Endeavor* online in April. A total of 1412 cruises are now cataloged online with basic metadata, file inventories, and track maps. Our goal is to bring the seven remaining vessels (*Explorer*, *Blue Heron*, *Cape Hatteras*, *New Horizon*, *Pelican*, *Savannah*, *Sproul*) online before the 2010 RVTEC meeting.

Rolling Deck to Repository (R2R) Program - Report to UNOLS Council (*continued*)

Recent development efforts include deployment of Web services for cruise summaries and tracklines, which were presented at the 2010 IMDIS conference in Paris as a step toward interoperability with SeaDataNet; continued evolution of vessel profiles to accommodate instrument locations, data set versions, and instrument subcomponents; continued evolution of tools to generate final navigation, adding greater portability and support for additional input file formats; drafting of a data set-level metadata schema that includes quality assessment metrics, using multibeam as a case study; deployment of the Event Logger application to Oceanus for testing by MATE interns on a recent mooring cruise; and finalization of the alpha protocol for real-time transfer of 1 Hz MET/TSG data, with implementation on Wecoma and delivery of files to SAMOS for evaluation. R2R continues to work closely with the UNOLS Office on two main fronts: a shared Web form to capture ship utilization metadata, and a shared database of vessel instrument profiles.

R2R team members continue to meet in-person with marine office staff, most recently at URI in April. A two-day planning meeting was held in May in Boulder with NOAA staff (representing NGDC, NODC, OMAO, NCDDC, and IOCM) to discuss long-term archiving of data sets from R2R, focusing on submission protocols, metadata requirements, vessel profiles, controlled vocabularies, and quality assessment. The meeting produced consensus on many key issues and a work plan for the coming year.

Consortium for Ocean Leadership

Working Group to Develop Future Funding Models for New Ships adopted by the Executive Committee March 3, 2010

Terms of Reference

Working Group to develop future funding models for new ships.

Members of the working group to develop future funding models for new ships shall be nominated and appointed by the Executive Committee of the Ocean Leadership Board of Trustees.

The Working Group shall serve as an advisory committee of the Board of Trustees, as allowed under Article XII of the Ocean Leadership bylaws

Membership Qualifications. The Working Group to develop future funding models for new ships shall consist of at least five (5) members total and may be drawn from among the Board of Trustees, the Ocean Leadership members, and/or the ocean research community at-large. At least one member shall be from the Board of Trustees.

Appointees should have a broad mix of experience with different kinds of ships and funding models. The Ocean Leadership President shall be a non-voting member of the Working Group.

Consortium for Ocean Leadership

Working Group to Develop Future Funding Models for New Ships adopted by the Executive Committee March 3, 2010

Committee Leadership. The Chairperson of the Board shall appoint a Chair from among those Working Group members who also serve on the Board of Trustees.

Members of the Working Group to Develop Future Funding Models for New Ships shall serve a one-year term, or longer, as requested by the Board of Trustees.

Duties. The Working Group to Develop Future Funding Models for New Ships shall review existing models to fund and support the academic research fleet and shall develop alternative approaches that can be prioritized and recommended to the Ocean Research and Resources Advisory Panel (ORRAP). The Working Group shall conduct its review in the context of recent studies of the research fleet by the National Research Council, the University-National Oceanographic Laboratory System, and the Federal Oceanographic Facilities Committee

Consortium for Ocean Leadership

Working Group to Develop Future Funding Models for New Ships

Members

Mark Abbott, Chair

Jon Alberts- ex officio

Vernon Asper

Susan Avery

Rob Dunbar

David Farmer

Steve Lohrenz

Shirley Pomponi

Nancy Rabalais

AICC Meeting- Held at COL on April 27 & 28- Conference Rooms/IT Support

COL Board Meetings

October 21 & 22, 2010- UNOLS will attend

Tech Recruitment and Retention Follow-up

Data-Gathering

- Talked with all of the institutions' technical managers about their operations
- Visited URI, OSU and the Langseth
- Gathered training information
- Gathered salary information
- Talked with MATE about their program and how UNOLS interacts with them.
- Talked with SEA about their program to see if there could be more exchange between the two programs.

Assisting in finding Technicians

Acting as a center point for technician needs/transfers

- Full-time Technician Transfers
- Encouraging Full-time technician transfers
- Developed easier means of accounting through the carry-forward.
 - Contract Technicians
- Developing a list of technicians who may be available on a contract basis to assist UNOLS institutions
- Looking at easier ways hiring these technicians
 - RPSC/UNOLS
- Working with the NSF to find an easier way to exchange techs between the two systems
 - Putting together a system to try to avoid the previous problems –
- Initial buy-in by both operators
- Pre-cruise planning
- Post-cruise follow-up
 - Results
- SCRIPPS technicians working at Delaware and Bermuda
- Miami Technician at Washington and Bermuda
- Contract Technician at Bermuda
- Currently looking for other technicians for openings that have occurred due to schedule juggling to meet the Gulf of Mexico needs.

Long-term Technician Internship

- Worked with MATE to begin to look at requirements and possible funding options
- Talked with several operators about the concept
- Sent out emails regarding possibilities

Shared-Use Equipment/UNOLS DBs

- Investigated various database systems within the UNOLS community
 - Ship Condition Form
 - Technical Services Information
 - Various inventory systems
 - R2R
 - Wire DB
- Working with the NSF and the tech managers to better understand what data is required and what is the best/simplest way of capturing the data.
- Hope to work with Bob Arko to get look at more Big-Picture ideas.

Other items on the plate but not gotten very far.....

- Training
- Recruitment
 - Finding new/better ways to and places from which to recruit.
- UNOLS webpage of job openings and job seekers
- Available Berth Policy

UNOLS Dues

- The UNOLS Office proposes an increase in membership dues as follows:

– Operators:	From \$150 to	\$200
– Non-Operators:	From \$ 50 to	\$100

Committee Activities and Issues

- DESSC
- RVOC
- FIC
- RVTEC
- SSC
- AICC
- SCOAR
- MLSOC

Opportunity for Additional
Reports
and
Agency Comments

End

Thank you!