



# Post Cruise Assessment Report (PCAR) Subcommittee

Status report on current activities



# Post Cruise Assessment Report – Subcommittee Update

## Subcommittee Members:

- Wilf Gardner/TAMU- PCAR Chair
- Joe Malbrough- LUMCON
- Daryl Swensen-OSU
- Erin Jackson-UNOLS
- Jon Alberts- UNOLS (minutes)



# Post Cruise Assessment Report – Subcommittee Update

- PCAR purview - NOT the “enforcer”
  - Track process functioning
  - Look for trends.
  - NSF and ONR closely track all issues in PCAR reports and follow up on resolution
  - **Most important need is to submit reports ASAP so issues are resolved and improvements made**
- Highlight changes made as a result of suggestions in PCAR reports to incentivize report participation.
  - e.g. winch and crane improvements made on the *Kilo Moana*
- The new online form **should be up soon???**
  - Major change - intervals in success of the planned objectives of the cruise:  
\_\_91-100% \_\_81-90% \_\_71-80% \_\_61-70% \_\_<60% \_\_N/A



# Post Cruise Assessment Report – Subcommittee Update

- Words added to question #8 “Please provide suggestions or comments regarding the vessel and its installed equipment **and potential enhancements.**”
- Reports not to be publicly posted on the ships or in the port office. Treat with some level of confidence so as to encourage honest responses.
- For Captains and Marine Techs, PCAR system provides legitimate opportunity to provide input. Preamble of report says “We do not require that you rate yourself while filling out this form, but allow you the opportunity to make comments if you wish.”



# Post Cruise Assessment Report – Subcommittee Update

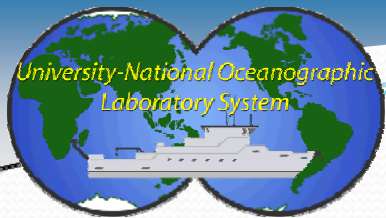
## Cruise Training and Ship User Resources:

- One report asked for Chief Scientist training. FIC has foreseen and worked to fulfill that need.
- Several institutions have impressive pre-cruise planning manuals and Chief Scientist manuals/checklists, including listing of equipment that either comes with ship or could be made available.
  - Encourage this for all operators, since some info is institution specific.
  - Materials are generally found on UNOLS Research Vessel page - (<http://unols.org/info/vessels.htm>) - click on operator institution to the left of each ship name.

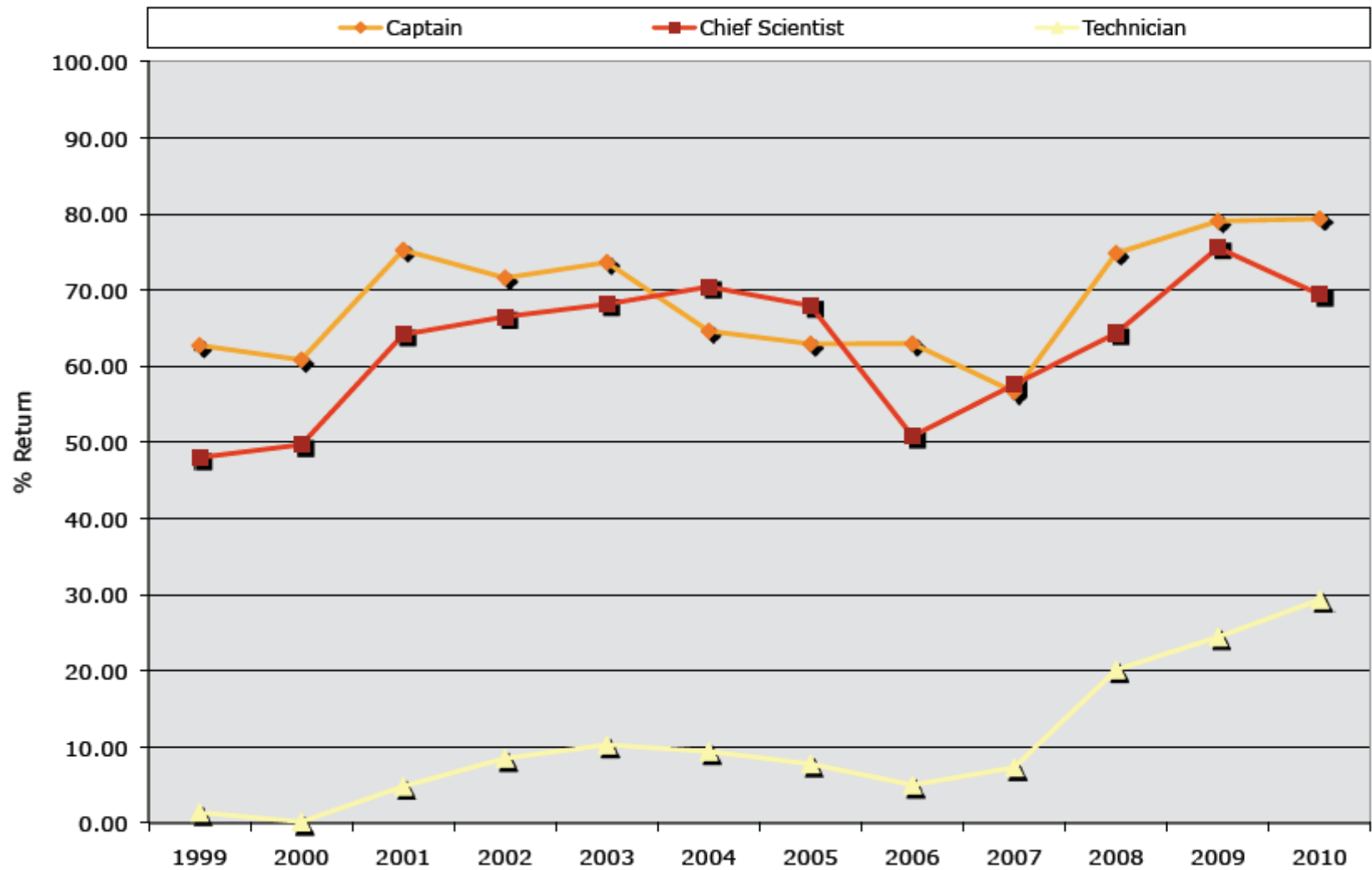


# Post Cruise Assessment Report – Subcommittee Update

- Remind wider UNOLS community of importance of PCAR system. It is the primary QA/QC tool.
- Ship operators receive a summary report of comments from Erin Jackson periodically and PCAR feels this should be continued.
- Reviewed in 2011 – reports for 2010 operating year:
  - *Atlantis, Langseth, and Melville*
  - *Wecoma, Endeavor, and New Horizon.*



### Fleet Percent Return for Post Cruise Assessments 1999 - 2010



## Fleet Statistics for 2010 – 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	Total Number		Total Number For Fleet	
	Positive Comments	Suggestions	Positive Comments	Suggestions
Clearances & Permits	0	1	2	3
Hazardous Materials and Radio Isotopes	0	0	0	0
Pre-Cruise Planning	6	2	200	28
Safety-Equipment	0	1	10	6
Safety-Operation & Procedures	7	1	126	15
Scheduling	5	2	116	28
Science-Equipment	0	1	4	20
Science-Operations	0	0	0	00
Science-Personnel	7	0	257	20
Ship Equipment-Communications	0	0	0	14
Ship Equipment-Computers & Data Network	0	1	0	7
Ship Equipment-Electrical	0	0	0	7
Ship Equipment-Propulsion, Control, Aux, etc.	0	1	3	35
Ship Equipment-Scientific	1	1	23	56
Ship Equipment-Winches, Frame, Cranes, etc.	0	4	16	71
Ship-Habitability	0	0	30	15
Ship-Lab Space	0	3	26	12
Ship-Operations	0	0	2	6
Ship-Personnel	7	0	227	3
Shipping and Logistics	0	0	0	9
Technician	9	1	197	4
Training	0	0	0	0

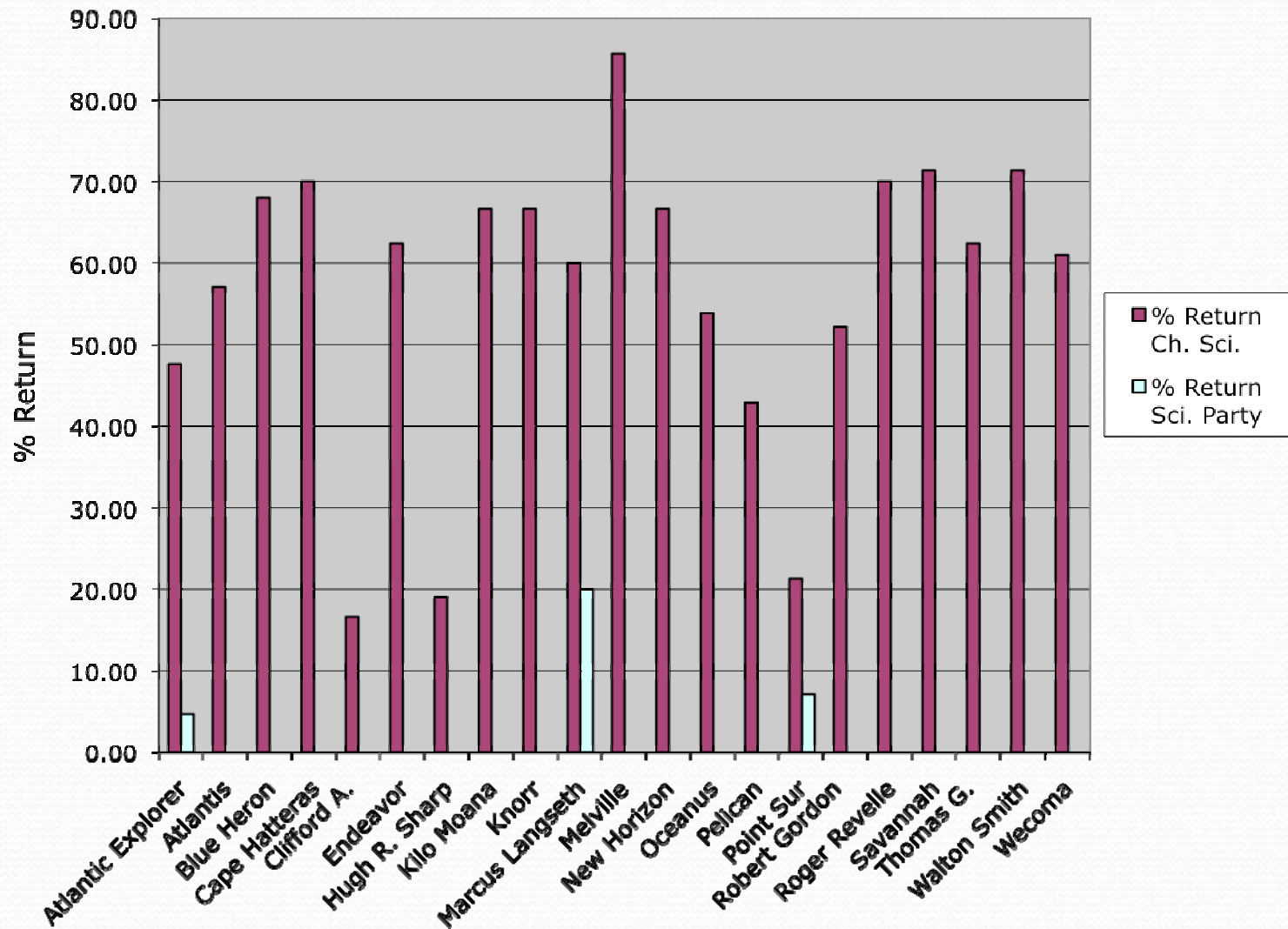






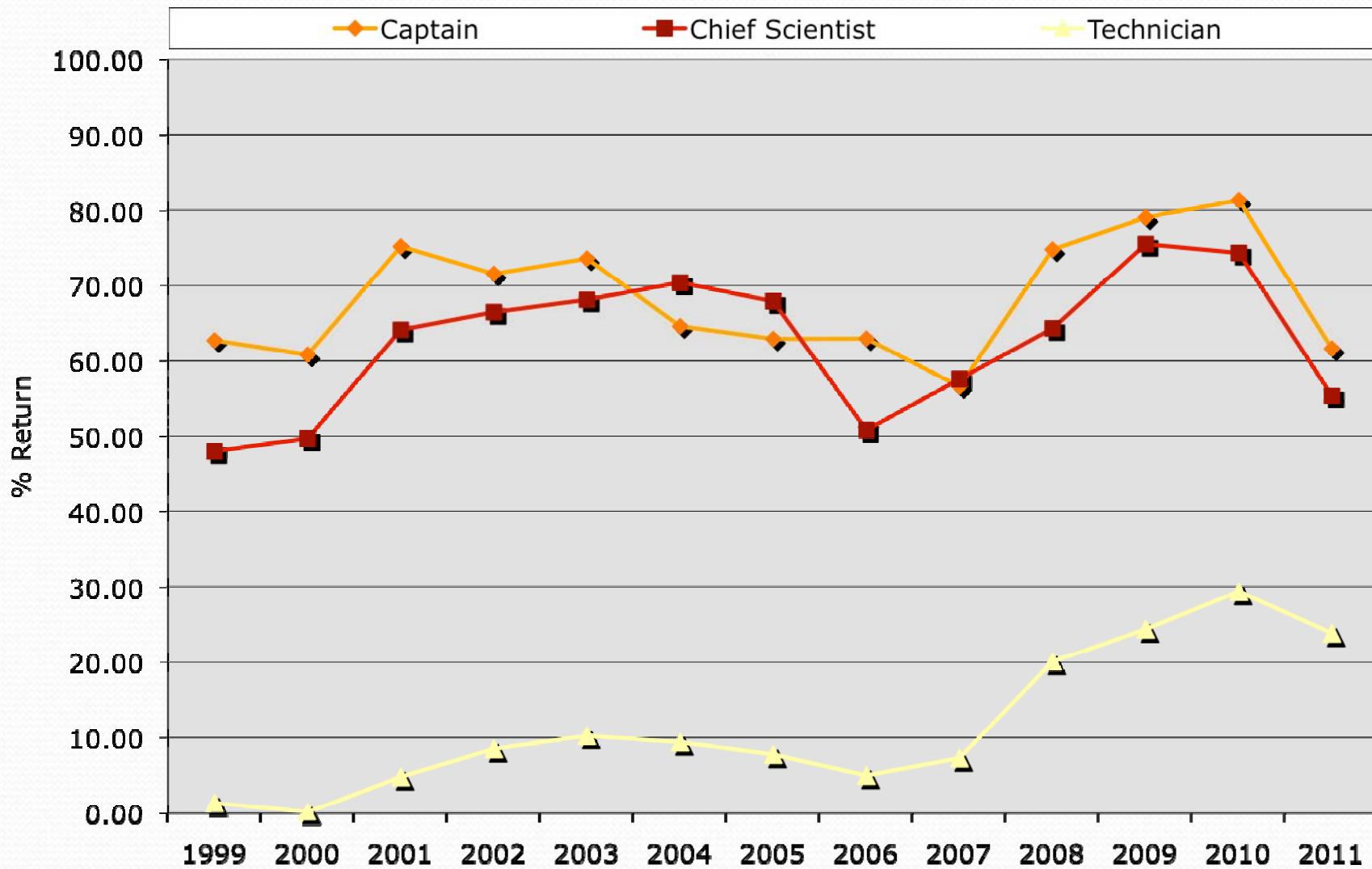
# PCARs – Fleet Statistics (2011)

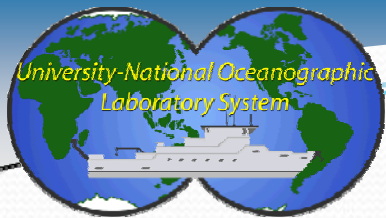
% Return: Chief Scientists and Science Party, by Ship



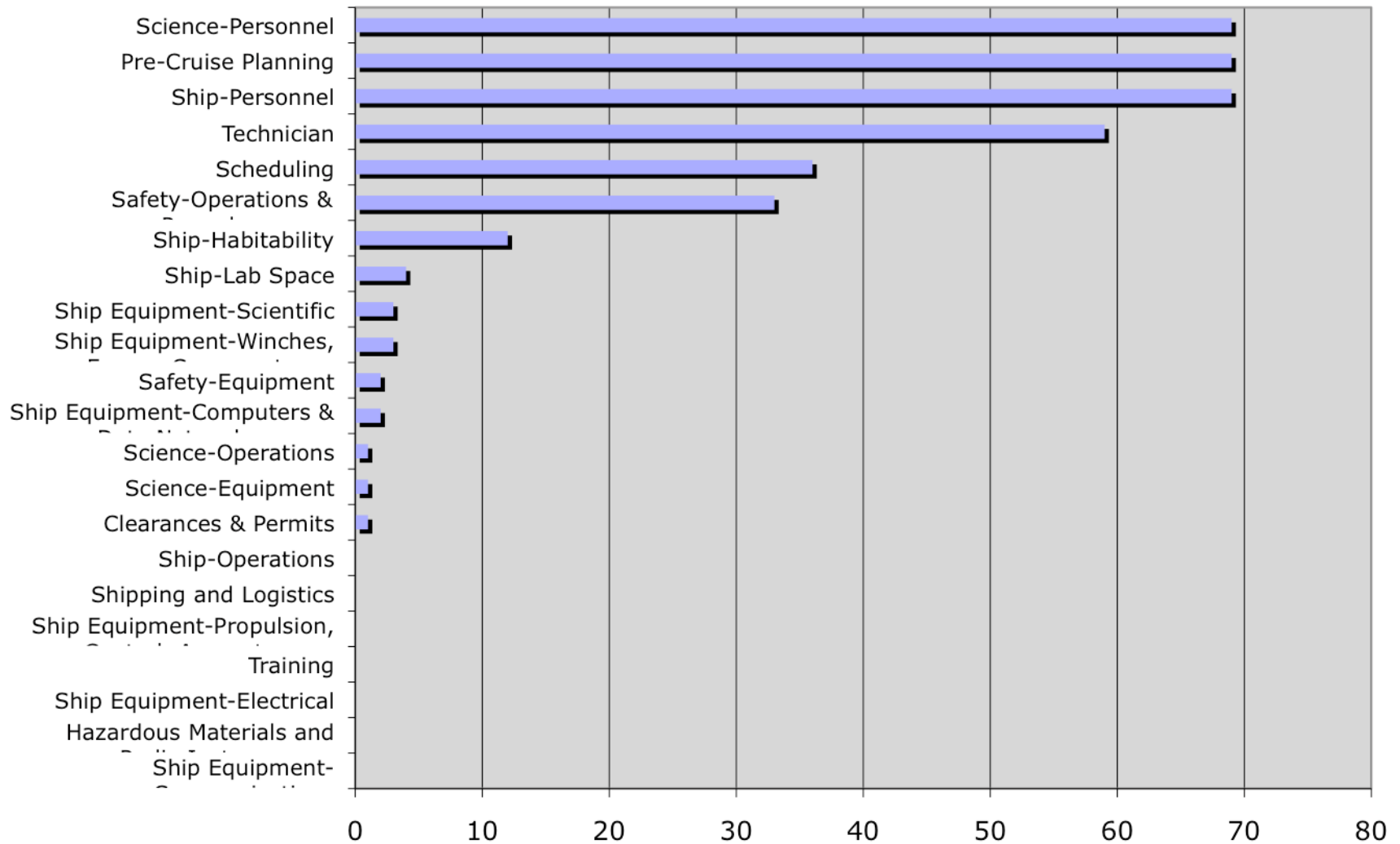


## Fleet Percent Return for Post Cruise Assessments 1999 - 2011



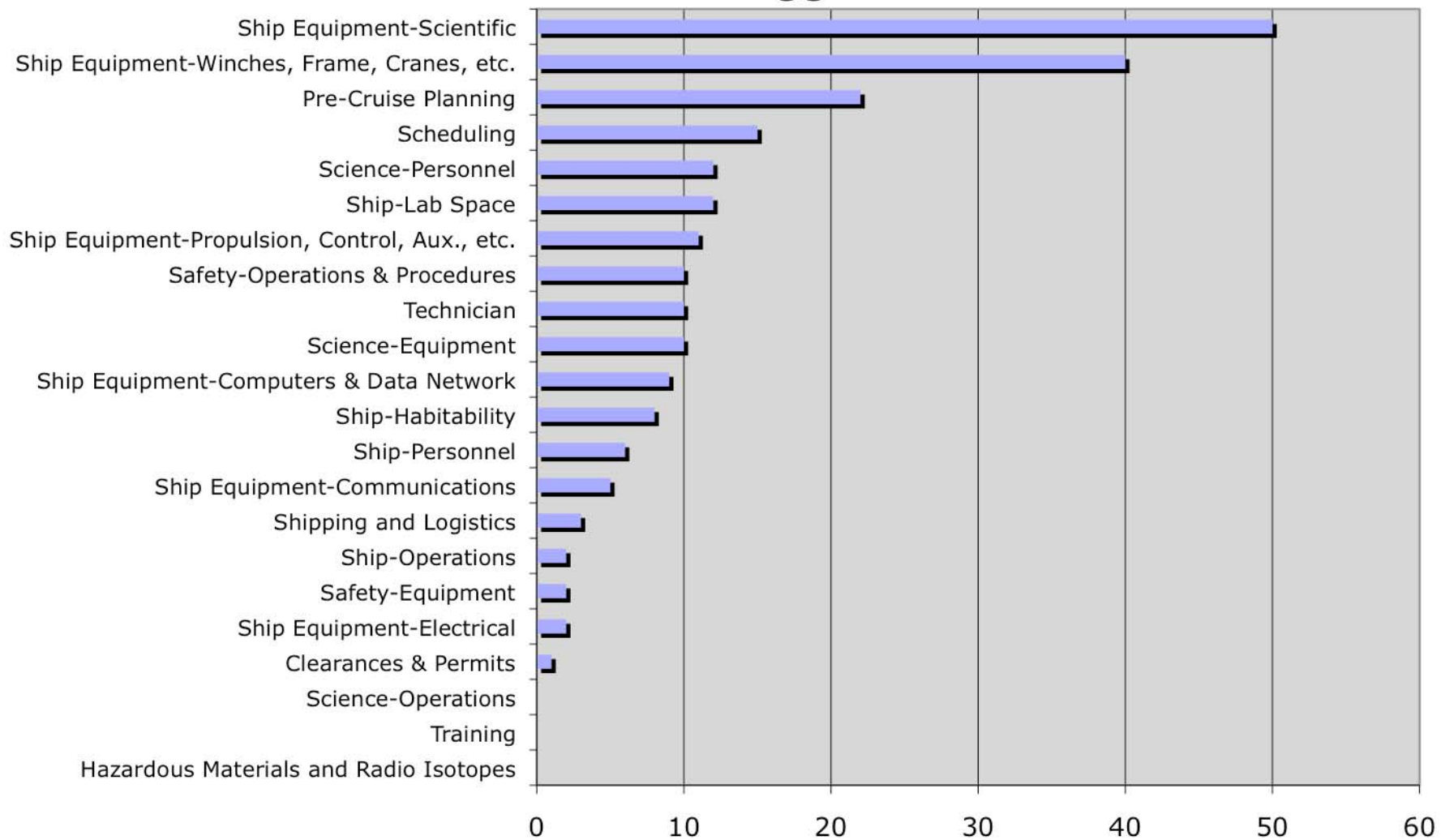


## Positive Comments





## Suggestions





# PCARs and STRS



## University-National Oceanographic Laboratory System

SEARCH PUBLIC RECORDS

LOG IN

[Suggestions/Request Help](#)

[Frequently Asked Questions](#)

**Development Server**

### Welcome to the UNOLS Ship Time Request & Scheduling System

Log In for Member Activities	Public Information
<p>User Name: <input type="text"/></p> <p>Password: <input type="password"/></p> <p><input type="checkbox"/> Store my credentials so I don't have to login next time (unless I logout)</p> <p><input type="button" value="Log In"/></p> <p><a href="#">Forgot Your User Name Or Password?</a></p>	<p>Login not required for these activities</p> <ul style="list-style-type: none"><li>• <a href="#">Research Vessel &amp; Facility Schedules</a></li><li>• <a href="#">Research Vessel &amp; Facility Specifications</a></li><li>• <a href="#">Technical Services Information for Research Cruises</a></li><li>• <a href="#">Funded Projects</a></li><li>• <a href="#">Cruise Reports (Ship Utilization)</a></li><li>• <a href="#">Post Cruise Assessment Form</a></li><li>• <a href="#">UNOLS Web Site Home Page</a></li></ul>
<p style="text-align: center;"><b>New Member?</b></p> <p style="text-align: center;"><input type="button" value="Create New Member Account"/></p>	
<p style="text-align: center;">Login or create account for these activities</p> <ul style="list-style-type: none"><li>• <a href="#">Facility Requests (ship time requests)</a></li><li>• <a href="#">Research Vessel &amp; Facility Scheduling</a></li><li>• <a href="#">Technical Service Definitions</a></li><li>• <a href="#">Facility Specifications</a></li><li>• <a href="#">Reports</a></li><li>• <a href="#">System Administration</a></li></ul>	

[Suggestions/Request Help](#)

© 2011 University-National Oceanographic Laboratory System



# University-National Oceanographic Laboratory System

SEARCH PUBLIC RECORDS

LOG IN

[Suggestions/Request Help](#)

[Frequently Asked Questions](#)

**Development Server**

## Post Cruise Assessment Selection

*You are not currently logged in.*

*If you are a member of the STRS system, please [LOG IN](#).*

*Or, if you wish to become a member, please [Click Here](#).*

*Otherwise, you not be able to save partially filled out Post Cruise Assessments.*

*You will be required to fill out the entire form in one session.*

Select the Cruise Year:

[Suggestions/Request Help](#)

© 2011 University-National Oceanographic Laboratory System



# University-National Oceanographic Laboratory System

Print (Alt+R)

[ADMIN](#)

[SEARCH PUBLIC RECORDS](#)

[USER HOME](#)

[FORMS](#)

[PROJECT MANAGEMENT](#)

[LOG OUT](#)

[View Suggestions](#)

[View Errors](#)

[Suggestions/Request Help](#)

[Frequently Asked Questions](#)

[< Back](#)

**Development Server**

## Post Cruise Assessment Selection

Select the Cruise Year:

Select the Ship from Final and Published Schedules for 2008:

Year	Ship	Schedule Status	Last Modified
2008	<a href="#">Atlantic Explorer</a>	Published	Feb 22, 2010
2008	<a href="#">Atlantis</a>	Published	Jan 05, 2009
2008	<a href="#">Blue Heron</a>	Final	Dec 10, 2008
2008	<a href="#">Cape Hatteras</a>	Final	Jan 02, 2009
2008	<a href="#">Clifford A Barnes</a>	Published	Dec 16, 2008
2008	<a href="#">Endeavor</a>	Final	Dec 31, 2008
2008	<a href="#">F. G. Walton Smith</a>	Final	Jun 10, 2011
2008	<a href="#">Hugh R. Sharp</a>	Final	Jan 06, 2009
2008	<a href="#">JASON</a>	Published	Nov 25, 2008
2008	<a href="#">Kilo Moana</a>	Final	Jan 09, 2009
2008	<a href="#">Knorr</a>	Published	Jan 05, 2009
2008	<a href="#">Marcus Langseth</a>	Final	Jan 06, 2009
2008	<a href="#">Melville</a>	Final	Dec 31, 2008
2008	<a href="#">New Horizon</a>	Final	Dec 31, 2008
2008	<a href="#">Oceanus</a>	Published	Dec 18, 2008
2008	<a href="#">Pelican</a>	Final	Jan 15, 2009
2008	<a href="#">Point Sur</a>	Final	Dec 31, 2008
2008	<a href="#">Robert Gordon Sproul</a>	Final	Jan 05, 2009
2008	<a href="#">Roger Revelle</a>	Final	Dec 31, 2008
2008	<a href="#">Savannah</a>	Published	Dec 30, 2008
2008	<a href="#">Seward Johnson</a>	Final	Jan 06, 2009
2008	<a href="#">Thomas G. Thompson</a>	Published	Sep 03, 2008
2008	<a href="#">Urraca</a>	Final	Feb 06, 2009
2008	<a href="#">Wecoma</a>	Final	Dec 31, 2008





# University-National Oceanographic Laboratory System

[ADMIN](#)  
 [SEARCH PUBLIC RECORDS](#)  
 [USER HOME](#)  
 [FORMS](#)  
 [PROJECT MANAGEMENT](#)  
 [LOG OUT](#)

[View Suggestions](#)  
 [View Errors](#)  
 [Suggestions/Request Help](#)  
 [Frequently Asked Questions](#)  
 [< Back](#)

**Development Server**

## Post Cruise Assessment Selection

Select the Cruise Year:

Year	Ship	Schedule Status	Last Modified
2008	<a href="#">Savannah</a>	Published	Dec 30, 2008

Select a Cruise from the 2008 Schedule for 'Savannah':

Select	Start Date	End Date	Start Port	End Port	Chief Scientist
<a href="#">Fill out PostCruise Assessment</a>	21 Jan	26 Jan	Savannah, GA, USA	Savannah, GA, USA	Martial Taillefert
<a href="#">Fill out PostCruise Assessment</a>	14 Feb	15 Feb	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	19 Feb	20 Feb	Savannah, GA, USA	Savannah, GA, USA	Matthew R. Gilligan
<a href="#">Fill out PostCruise Assessment</a>	27 Feb	29 Feb	Savannah, GA, USA	Savannah, GA, USA	Lance Garrison
<a href="#">Fill out PostCruise Assessment</a>	09 Mar	09 Mar	Savannah, GA, USA	Savannah, GA, USA	
<a href="#">Fill out PostCruise Assessment</a>	26 Mar	28 Mar	Savannah, GA, USA	Savannah, GA, USA	Chris Jacobo
<a href="#">Fill out PostCruise Assessment</a>	18 Apr	19 Apr	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	22 Apr	30 Apr	Savannah, GA, USA	Savannah, GA, USA	Madilyn Fletcher
<a href="#">Fill out PostCruise Assessment</a>	13 May	14 May	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	12 Jun	12 Jun	Savannah, GA, USA	Savannah, GA, USA	Cathy Sakas
<a href="#">Fill out PostCruise Assessment</a>	16 Jun	16 Jun	Savannah, GA, USA	Savannah, GA, USA	Matthew R. Gilligan
<a href="#">Fill out PostCruise Assessment</a>	19 Jun	20 Jun	Savannah, GA, USA	Savannah, GA, USA	James Sanders
<a href="#">Fill out PostCruise Assessment</a>	25 Jun	25 Jun	Savannah, GA, USA	Savannah, GA, USA	James Sanders
<a href="#">Fill out PostCruise Assessment</a>	26 Jun	26 Jun	Savannah, GA, USA	Savannah, GA, USA	Cathy Sakas
<a href="#">Fill out PostCruise Assessment</a>	09 Jul	11 Jul	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	14 Jul	15 Jul	Savannah, GA, USA	Savannah, GA, USA	Lance Garrison
<a href="#">Fill out PostCruise Assessment</a>	29 Jul	30 Jul	Savannah, GA, USA	Savannah, GA, USA	Harvey Seim
<a href="#">Fill out PostCruise Assessment</a>	26 Aug	29 Aug	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	12 Sep	12 Sep	Savannah, GA, USA	Savannah, GA, USA	Matthew R. Gilligan
<a href="#">Fill out PostCruise Assessment</a>	19 Sep	19 Sep	Savannah, GA, USA	Savannah, GA, USA	Matthew R. Gilligan
<a href="#">Fill out PostCruise Assessment</a>	22 Sep	23 Sep	Savannah, GA, USA	Savannah, GA, USA	Richard Jahnke
<a href="#">Fill out PostCruise Assessment</a>	30 Sep	03 Oct	Savannah, GA, USA	Savannah, GA, USA	William B. Savidge
<a href="#">Fill out PostCruise Assessment</a>	11 Oct	11 Oct	Savannah, GA, USA	Savannah, GA, USA	James Sanders
<a href="#">Fill out PostCruise Assessment</a>	14 Oct	15 Oct	Savannah, GA, USA	Savannah, GA, USA	Lance Garrison
<a href="#">Fill out PostCruise Assessment</a>	18 Oct	20 Oct	Savannah, GA, USA	Savannah, GA, USA	Lynn Leonard
<a href="#">Fill out PostCruise Assessment</a>	01 Nov	01 Nov	Savannah, GA, USA	Savannah, GA, USA	James Sanders



### Cruise Information:

Ship:	Savannah	Chief Scientist:	Matthew R. Gilligan, SavState
Cruise Dates:	12/18/2008 - 12/19/2008	PI:	Matthew R. Gilligan, SavState
Area of Operations:		Master:	<input type="text"/>
Funding Agency:	NSF/OCE/IPS	Marine Technician:	<input type="text"/>
Grant #:	0123753		
Type of Work:	Research & Education		

### Completer's Information:

Name of person completing the form:	Erin Jackson	Completer's Position on this Cruise:	<input type="text"/>
Completer's Institution:	UNOLS Office	Completer's email:	Erin@mail.unols.org

### Assessment:

1. To what extent were the planned science objectives of this cruise met?

91-100%     81%-90%     71%-80%     61%-70%     60% or Below     N/A

Please provide a BRIEF, 1-2 sentence description of the science objectives for this cruise (ie. CTD casts, survey transects, mooring deployment, etc.). Please specify how the service and support of the ship contributed to the factors that affected the completion of the science objectives, especially if not all of the objectives were met (ie. weather, equipment failure, etc.).

\*\*\*Note: For the following questions please rate each of the following aspect of the cruise according to a scale of EXCELLENT to POOR. We do not require that you rate yourself. You may leave these sections blank, or you may make comments to provide feedback or explain situations encountered during the cruise.

- Excellent: Data quality outstanding, crew and techs performed at a superior level.
- Very Good: Crew and techs went out of their way to assist, all equipment operational, and calibrations current.
- Good: Crew and techs were mostly cooperative and helpful.
- Fair: No major conflicts between scientists and crew/techs, mediocre support.
- Poor: Crew and or techs poorly trained or uncooperative, ship poorly outfitted.

Provide specific comments to support your ratings, be sure to include suggestions for improvement in the future, and positive feedback when something is well done. The goal of this section is to answer "were you pleased with the service and support provided?"\*\*\*\*

2. Rate how well the science party contributed to achieving the scientific objectives of this cruise (pre-cruise planning, communication, adequate personnel, equipment, attention to safety, organization, etc.).