

PI: H. William Detrich Event#: B-039-N		Ph: 617-373-4495 E-mail: iceman@neu.edu	Cruise #: NBP04-04	MPC: Baker Date: 7/16/04
Yes	No	Planning	<p>Pleased to note that Polar Ice 2 is now in service and version 1 was VERY slow and took a lot of time. Version 2 was much better but still time intensive. As a mechanism for collecting data, Polar Ice is less than perfect but not too bad. One problem seemed to be that quite often there would be info entered into the comments section and RPSCHQ was not always aware of comments added. This may have resulted from Polar Ice not locking the grantees out when SIP submitted and POC was not aware of some changes until quite late.</p> <p>RPSC support especially with Polar Ice on line was very helpful. Alice Doyle was excellent with territorial water approvals, Steffi Suhr-Sliester deserves mention for getting the RSP done quickly and asking many questions continually to make sure that it was done correctly.</p>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SIP process adequate?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	RSP helpful and timely?		
<input checked="" type="checkbox"/>	<input type="checkbox"/>	POC responsive?		
Yes	No	Medical	<p>Not technically required to do PQ process since the ship didn't go south of 60° but due to length of time NSF requested it be done. Delivery of the kits was somewhat spotty as there were several US grantees who had to call to get their kits but all were done 3 weeks before due. International participants had to comply to their own national policy. No other issues reported.</p>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kits sent out on time?		
<input type="checkbox"/>	<input type="checkbox"/>	Questions answered?		

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Yes	No	Travel
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TRW available and understandable?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ticketing completed easily?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meet and assist service met requirements?
		<p>Travel still seems to be a little McMurdo- centric but no big hassles reported. More of an NSF issue as one grantee came down a week early to work with some other institutions in their specimen collections throughout Chile. NSF was aware that he was working but still made grantee pay for parts of his own ticket. This was an NSF call.</p> <p>AGUNSA worked really well and Ximena has everything well under control. Jimmy was misinformed as to correct flight (code share flight instead of American Airline flight arriving at the same time) but was very apologetic and provided his excellent level of service.</p>
Yes	No	Equipment Availability
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Requested equipment available?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Damaged?
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Late?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ECW gear in good condition?
		<p>The equipment all arrived with the exception of one box from Palmer Station. There were several pieces of cargo that had been labeled for this cruise by the grantees while they were at Palmer Station almost a year prior. An arrangement had been made with Rob Edwards for this cargo to be sent to the Icefish cruise, but this information seemed to have been lost and one large box of equipment that was TCNd could not be found at Palmer.</p> <p>As far as ECW gear, it was all in good shape and appropriate. The one disconcerting piece of equipment is that some of the jackets have Zippers that are backward (left to right).</p>

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Yes	No	Lab Space
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adequate? (electrical needs, bench space, water, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Remote Sensing support needs met? (QFax, Terascan, etc.)
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Quality of Hotel Services
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cabins clean and neat?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Linens clean and in good condition?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Food quality and variety was good?

More than enough lab space even though we filled number of berths available. Good lab space.
 One double-edged sword is the uni-strut in the floors of the labs. This allows for things to be easily moved and secured but as it is not perfectly flush, is a tripping issue.

The dogleg hallway between the wetlab and aquaria is very congested and can be slippery; May need additional perforated mats or some other means in the hallway to provide more traction.

The distribution and cleanup of linens on the NBP is very good and everyone had their linens and could leave them in the rooms. Everyone had everything that they needed. LMG recommendation to be the same as on NBP since everything was so smooth here.

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Yes	No	Personnel Review
<input checked="" type="checkbox"/>	<input type="checkbox"/>	ECO
<input checked="" type="checkbox"/>	<input type="checkbox"/>	RSPC
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Safe Practices
		<p>In my opinion everyone in ECO is very professional and did everything with great enthusiasm. ECO interacted well with the science crew and especially Capt. Robert did an exceptional job. The safety of the ship and personnel come first and the ECO crew has done a very good job of enforcing safety.</p> <p>RPSC was all very responsive and helpful, often going out of the way to make things work. The RPSC staff was always figuring out a workaround to problems encountered to make the science work.</p> <p>There is a disconnect with IT staff in Denver and those on the ships, but the people on the ship seem to try to make things workable. For example, limiting numbers of DVDs available in the planning process, but it was found that there were many more available on the ship and vessel staff was gracious in providing these resources. Denver staff should be more realistic in telling grantees what is actually available.</p> <p>The safety of the ship and personnel come first and ECO crew has done a very good job of enforcement. Deck safety was handled well and even on occasion when scientists were casual about hard hats, etc. RPSC did a good job of emphasizing the need for these safety practices, even when the science community was not always operating safely. In regards to lab operations, the dealing with osmium work on board was handled very well. Securing the decks outside where the exhaust from the hoods vent on the deck was critical for this highly toxic material. The use of the fume hoods for ethanol and formaldehyde worked well, but some scientists did not follow directions and needed reminding.</p>
		<p>Please give us your feedback about safety onboard this USAP vessel. Please give as much detail as possible.</p>

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<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Research Objectives</p> <p>All accomplished? If not, please explain (weather, ice, equipment, personnel).</p>	<p>Almost all were met. The only reason that objectives were not fully met was due to competing scientific agendas of grantees on board. Ecological trawls vs. physiological trawls had different competing uses for fish.</p> <p>95% accomplished; The other 5% is not due to vessel or staff but to science decisions.</p>
<input type="checkbox"/>	<input type="checkbox"/>	<p>Future Cruises</p> <p>If returning for another cruise, are there any additional equipment or support needs your group anticipates?</p>	<p>This is a recommendation that Palmer and LMG receive liquid nitrogen plants or use of the one from this cruise. The motion compensated balances grantees brought on board worked very well whereas the RPSC balances were unusable at sea.</p> <p>I don't want to see bureaucratic issues degrade relations between staff and crew. An example is the new security measures. There may be some people prone to give ECO crew grief about these Coast Guard requirements. ECO has a responsibility to follow these requirements and I just hope that no one gives them trouble.</p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Anything you would like to see changed?</p>	

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Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	Other Issues Diving, Zodiac, E-mail support, interactions with stations, etc.	<p>Zodiac support was great and the trawling provided a lot of use for the effort.</p> <p>The NSF has GOT to get internet broadband to the ships. People are not going to stop work during a 60 day cruise. Many people were working on grant proposals and manuscripts submitted with submission deadlines. The size limitations make it very difficult to correspond with colleagues to accomplish these vital submissions. NSF needs to provide decent bandwidth like they do at Palmer, Pole, and McMurdo stations. This will depend on what the NSF is willing to finance. Ships are lagging behind providing adequate support in this area.</p>

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The new security measures will require baggage screening at various times.

Bridge communications to back deck were done very well.

This has been a terrific cruise and many were working well to make this a harmonious cruise. The feeling has been good on board and fosters good will internationally.

RPSC goes out of their way to make things work and find solutions for unexpected problems.

For example, the RPSC staff really came through to save the day by sending additional nets including the one with roller tackle to the Falkland Islands.

Some scientist have not done well in their interactions with ECO/RPSC. That was on the part of the scientists and not resulting from communication with ECO and RPSC staff.

The issue of nets is a complicated one. The new 30ft nets just did not hold up. I accept some responsibility as I did not follow up well with the specifications for the nets that Randy had sent. But these nets were not heavy enough to be trawling in these locations

Roller tackle on the nets is the way to go in the future. The one brought on board at Port Stanley worked really well. It would also really help to have video mounted on the mouth of net to see fish avoidance and to figure what the best time is to open the mouth.

The ROV was very useful to understand what is happening on the sea floor and a lot of information was gained. However, a new ROV with current standards of resolution and capabilities should be looked at.