

PI: Robin Ross		Ph: None Provided	Cruise #: LMG03-01	MPC: Caporelli
Event#: LTER		E-mail: robin@icess.ucsb.edu		Date: 2/5/03
Yes	No	Planning		
<input type="checkbox"/>	<input type="checkbox"/>	SIP process adequate?	<p>Not provided in outbrief.</p> <p>Robin Ross asked that the SIP should include request information for type of ice and amount required for cruise. There was an initial problem of insufficient ice making capabilities that was solved in the port call.</p>	
<input type="checkbox"/>	<input type="checkbox"/>	RSP helpful and timely?	<p>Not provided in outbrief.</p>	
<input type="checkbox"/>	<input type="checkbox"/>	POC responsive?	<p>Not provided in outbrief.</p> <p>R. Ross asked that both the POC and MPC attend the LTER planning meeting. She felt that it is a great help to have the cruise MPC informed on cruise activities prior to the cruise.</p>	
		Medical		
<input type="checkbox"/>	<input type="checkbox"/>	Kits sent out on time?	<p>Not provided in outbrief.</p>	
<input type="checkbox"/>	<input type="checkbox"/>	Questions answered?	<p>Not provided in outbrief.</p> <p>R. Ross felt that the medical clearance went better than last year. They asked for better communication between RPSC staff on medical clearance. The medical clearance information should be updated and sent to travel and the POC weekly. The grantees said they knew who was cleared out of their group before the POC had the information. She asked for better in-house communication between RPSC staff.</p>	

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Yes	No	Travel
<input type="checkbox"/>	<input type="checkbox"/>	TRW available and understandable?
<input type="checkbox"/>	<input type="checkbox"/>	Ticketing completed easily?
<input type="checkbox"/>	<input type="checkbox"/>	Meet and assist service?
		None of the travel-related questions were specifically asked in the outbrief. However, grantee felt that travel was done well.
Yes	No	Equipment Availability
<input 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 type="checkbox"/>	<input type="checkbox"/>	ECW Gear?
		<p>PIs should be notified when any of the standard equipment that has been used in the past has changed or been replaced like the icemaker, so they can make other arrangements in advance.</p> <p>R. Ross was satisfied with the majority of equipment. After several problems with the niskin bottles, a breaking attachment caused one to be lost. She requested a routine maintenance schedule and routine washing schedule for the Niskins. They would like access to a maintenance log to check on the cleanliness and maintenance of the bottles. Improvements to the aquarium room were requested to divert the overflow of seawater to the floor to prevent the constant splashing of seawater.</p> <p>Because the seawater flow is a positive displacement system, any changes in flow to one section will increase the flow in another. During cruise breakdown a portion of the system was taken down without other users being notified. It changed pressure on the other side of the system and could have caused a loss of samples.</p> <p>The recommendation is that only MTs can change the flow on the system at any point including the 01 deck. Any grantee who is a potential user of the system should be given an orientation on the setup of it and told before the system is used that they need to have the MT do all adjustment. Also those in the engine room need to be informed of any changes needed in water flow in case it is reflected in the pumps they check. The engine room also requested that the strainers on the system not be used if there is a chance ice may get stuck and clog the inlet. Strainers should only be used when requested.</p>

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Yes	No	Lab Space	
<input type="checkbox"/>	<input type="checkbox"/>	Adequate? (electrical, space, water, etc.)	Not provided in outbrief.
<input type="checkbox"/>	<input type="checkbox"/>	Remote Sensing support? (QFAX, Terascan, etc.)	Not specifically provided in outbrief. However, P. Penhale and R. Ross asked for weather forecasts like they have received for certain cruises in the past. There was a question on why some of the isobar charts were delayed.
		Hotel Services	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cabin assignments okay?	R. Ross was happy with the cleanliness of the vessel. R. Ross and P. Penhale asked to stop all maintenance painting in the hold several days prior to them occupying the hold, both to sort cargo and transport passengers in the berthing vans. They requested to have some type of head facilities in the hold, ventilation in the berthing vans, and portable lights for each bunk.
<input type="checkbox"/>	<input type="checkbox"/>	Linens okay?	This information not provided in outbrief.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Food quality okay?	They were very satisfied with the food service.

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Yes	No	Personnel Issues
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ECO?
		R.Ross commented that the Bridge crew did a terrific job. She thought that ECO interactions were very positive, and she was pleased that the ECO staff showed definite interest in the science projects. She commented on ECO and RPSC staff for their effort to accommodate grantee needs in a timely manner.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RSPC?
		R. Ross thanked RPSC staff for their support and assistance with the sediment trap mooring. She commended ECO on the winch operations and engineering for making a new sheave for the block on the CTD wire. She commended ECO and RPSC on theirs quick response to problems, repairs, and requests. Overall she was very satisfied with all operational support.
		Research Objectives
<input type="checkbox"/>	<input type="checkbox"/>	All accomplished? If not, explain (weather, ice, equipment, personnel).
		This information not provided in outbrief.

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Yes	No	Surveys Completed?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	USAP Metrics Survey	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GPRF Facilities Survey	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Future Cruises If returning for another cruise, are there any additional equipment or support needs your group anticipates?	Purchasing System Recommendation R. Ross asked that there be one point of contact for the purchasing of science support gear and supplies. This would be similar to the POC only for purchases. She asked if the science purchasing protocol could be something like the following. The grantee is notified when a purchase has been placed. The grantee is notified that the order was confirmed and the material is available. The grantee is given a confirmation that the order was shipped with more detail on the exact items in the shipment. There was a problem at the port call when only part of an order arrived. Only part of the order was filled because the vendor was out of stock. The grantee was never provided with the out of stock information due to lack of information on the order. If the grantee had been notified in time they would have been able to procure the supplies before the cruise.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anything you would like to see changed?	

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Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>	Other Diving, Zodiac, E-mail support, interactions with Palmer Station, etc.

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Additional Comments/Overflow:

Additional comments added by Robin Ross.

I would like to emphasize a few points:

(1) First, the value of a pre-cruise planning meeting several months before the cruise (late October or early November for the January cruise) cannot be over emphasized. At that time a discussion of the various SIP requests and an update on the science plan of the cruise can expose previously unknown problems. A case in point is the ice maker on the LMG. The old standby, a Scotsman, had been replaced by an IceBonics machine. The IceBonics was used on a winter GLOBEC cruise, and its performance was not up to specs. Unfortunately that bit of information did not emerge until Liz Caporelli came up to Santa Barbara to discuss the cruise with me, and Langdon Quetin mentioned the problems with the IceBonics. I wrote to the MST to ask that he check out the machine, and see what could be done. Before I even arrived in Punta Arenas, the MST and Liz had solved the problem. I later learned that Hugh Ducklow, who has the similar ice needs to ours, also noticed ice making was not going to satisfy his needs and had alerted folks to the problem. Another piece of information that emerged in the meeting with Liz was that the large trawl block that we had used for towing was damaged and not useable. We called the head MT in Denver and his immediate and knowledgeable response got the appropriate block down to Punta Arenas in time. These incidents illustrate both the need for pre-planning meetings where we learn of changes in ship's capabilities, and the terrific support we receive from Raytheon support in the field. They also show that better communication of changes in equipment etc would help everyone. I know it is tempting to forego the pre-cruise meeting, but I hope we can make such a meeting part of the standard preparation.

(2) I would also like to mention that the oil spill exercise at Rothera Base went very well, due to the efforts of both Captain Verret and his crew and MPC Liz Caporelli and the rest of the Raytheon support staff. The base commander and the environmental person were quite pleased.

(3) And last I found it a true pleasure working with Captain Verret and Liz Caporelli, and thank everyone again for a great and productive cruise. As usual support in the field was outstanding.