Marine Science Outbrief - Raytheon Polar Services Chief Scientist: John Anderson Event#: G-083-N			Ph: 713-348-4884	Cruise #:	MPC: Lowe
Even	t#: G	-083-N	E-mail: johna@rice.edu	NBP05-02	Date: 04/23/05
			a jea Oeo.eaa		
Yes	No	Planning			
X		SIP process adequate?	Inventory for lab supplies can be names could be used in the Su When filling out lab purchase list complete a "Vendor" entry. For and toothpicks, this can be quit	pport Informationst, it is required general items I frustrating. The	on Packet. that you ike ziplock bags
X		RSP helpful and timely?	up making up names for vendo Is it possible to include an entry identify who requested the pure there were 4 PIs who entered re	on the purchashase (for instar	
X		POC responsive?			
		Medical			
X		Kits sent out on time?			
X		Questions answered?	Medical was very helpful compa problem was that PIs were not Shemenski when questions are	allowed to talk	_

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Yes	No	Travel	
X		TRW available and understandable?	About half of the participants did not receive a travel form in their medical packets. These were easily obtained from the POC.
X		Ticketing completed easily?	
X		Meet and assist service met requirements?	AGUNSA is great.
X		Equipment Availability Requested equipment available?	
	X	Damaged?	The backup streamer (Benthos) did not work during the cruise and should have been tested prior to sailing.
X		Late?	Loctite® and some chemicals never made it for the cruise. Substitutions were found and the cruise schedule was not affected.
X		ECW gear in good condition?	

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Yes	No	Lab Space	
X		Adequate? (electrical needs, bench space, water, etc.)	If more micropaleontologists come on the next SHALDRIL cruise, more space will be needed for microscopes. Several options exist, including spreading out into the Sauna changing room. This will be discussed during planning for next year.
X		Remote Sensing support needs met? (QFax, Terascan, etc.)	Radarsat resolution was low. Imagery from Palmer Station prior to the cruise was great.
		Quality of Hotel	
X		Services Cabins clean and neat?	
X		Linens clean and in good condition?	
	X	Food quality and variety was good?	The food was worse than it has been on past cruises. The quality of meat was too low. Healthier and more vegetarian options should be available. Mid rats should have included options other than breakfast food. A lot of people had to eat breakfast twice a day.

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	Personnel Review		
	ECO	The ECO staff was great. There were repeated (minor) arguments with one mate, but overall the support was excellent. The science party was pleased having two people on watch at a time. The ECO bridge crew handled the Dynamic Positioning drive-offs very well and in a calm and cautious manner.	
	RPSC	RPSC support was excellent, especially those who integrated themselves into jobs they normally do not do (MTs and MSTs). The ETs were able to get FSU's core scanner going with little to no documentation. There is a mixed opinion about the need for a technical writer. The RPSC tech writer was used by the science party for this trip. Some PIs believe the service was invaluable and should be counted on for next year, especially if more training is presented upfront. Others think a scientist should perform this service. This will be a topic for discussion during planning for next year.	
	Safe Practices		
	Please give us your feedback about safety onboard this USAP vessel. Please give as much detail as possible.	Considering the safety hazards presented during this cruise, this was a very safe operation. The safety risks and mitigation for those risks were worked out early, making implementation of procedures quite smooth.	

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Yes	No	Research Objectives	
X		All accomplished? If not, please explain (weather, ice, equipment, personnel).	As a test cruise, SHALDRIL I was successful. Several holes failed, but only because of weather or equipment provided by outside parties. Please refer to the end-of-cruise report for successes and failures.
		Future Cruises	There should be a phone in the drill console
X		If returning for another cruise, are there any additional equipment or support needs your group anticipates?	 There needs to be better communication between sampling operations on the helicopter deck and the labs (including the microscope room). More recent volumes of ODP proceedings/results should be available on board. There needs to be a camera on the helicopter deck aimed at sample operations. Touch pads that prevent electric shock should be
X		Anything you would like to see changed?	 installed in the Dry Lab and E-Lab. There should be more binders available for log sheets. Can we use biodegradable detergent? The petrographic microscopes need to be upgraded. Details are included in the end-of-cruise report. A microscope service technician should come to the pre-cruise port call to train scientists on use and minor repairs. Names of everyone on board would be easier to learn if there was a board with mug shots and names posted in the lab. The science party was super-impressed with Seacore and BGS employees. They were knowledgeable and easy to talk to. All were pleased with the DP performance.

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Yes	No			
X		Other Issues Diving, Zodiac, E-mail support, interactions with stations, etc.	All multibeam data collected on the NBP ought to be available for display for navigational purposes. In part, this is a safety issue that should not be overlooked. In addition, it is wasteful for one science party to be duplicating data collection simply because the original data is still proprietary. It is easy enough for the IT staff to make all multibeam data available for viewing during real time data collection without allowing further release of the data. NSF should make this standard policy.	

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Additional Comments/Overflow:	