Chief Scientist: John Anderson **Event#: G-435-N**	**Ph:** **E-mail:**	**Cruise #:** NBP05-05	**MPC:** Steve Ager **Date:** 16-July-2005

Yes	No	Planning	
		SIP process adequate?	Last minute requests complicated the overall planning process. The requests were well outside of normal SIP process. Sediment traps, small boat seismic requests were handled well and outstanding support was provided in planning for these operations with short lead time.
		RSP helpful and timely?	Yes, RSP was helpful.
		POC responsive?	Yes, excellent.
		Medical	
		Kits sent out on time?	No medical was required for this cruise.
		Questions answered?	N/A

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Yes	**No**	**Travel**	
		TRW available and understandable?	Yes.
		Ticketing completed easily?	No! RPSC travel has been a source of frustration for the Rice Univ. group. RPSC travel seems to needlessly complicate planning and is unwilling to help with even the smallest deviation from point A to point B travel. Dr Anderson's wife disembarked at a mid-cruise port call and was told by travel that they "wouldn't allow that" because "no one ever leaves mid-cruise." Another Rice student asked about deviating to Buenos Aires to visit family, and was told flat out "No." There was no attempt made to explain the rules or alternatives, such as self-ticketing. The student did self-ticket, but only after Rice group contacted the POC and asked what to do. Travel did nothing to help with any requests or questions. Dr. Anderson is a 30 year veteran of the program and pointed out that it is mid-winter, and RPSC travel really shouldn't be too busy to assist grantees. When he personally requested a stopover he was told absolutely not. Only later did they discover the self-ticket option and by this time it was too late. The Andersons cancelled their vacation plans rather than have to deal with RPSC travel.
		Meet and assist service met requirements?	AGUNSA was excellent in Santiago and PA.

		Equipment Availability	NBP work boat (cruncher) too slow, and draft too deep to support shallow water work. Boat grounded three times in four days of science. Limited space for personnel and equipment on work boat detrimental to science. Work boat should be faster, shallower draft, and carry 2-3 more people. Work boat needs hydraulic power to run an oceanographic winch. Work boat should also have a dependable depth sounder, GPS navigation and charting capability.
		Requested equipment available?	
		Damaged?	Landing craft very useful but underpowered. Landing craft should have enclosed cab with heat for cold weather work.
		Late?	Delph seismic recorder provided by Rice able to record data at ½ second shooting interval. NBP acquisition system only capable of 5 second shooting interval. NBP seismic acquisition system should be modernized or upgraded.
			SeaPath GPS dropped out 4 times during cruise. There is some concern for DP based cruise (like Shaldril) if SeaPath continues to malfunction.
			Bathy and Knudsen echo sounders both used this trip. Bathy offers better resolution but only paper records. Knudsen offers lower resolution but a digital record. Dr. Anderson would like to see higher resolution system with digital recording capability. Bathy can't save SEG-Y files, no hard disk.
			Side scan sonar rented turned out to be unnecessary. Side scan collected from NBP could have been gathered with Datasonics. Objective was side scan from small boat, Dr. Anderson feels the wrong system was rented for the job because hand deployment was impossible with the steel armored cable. Dr. Anderson feels he should have been contacted while the system was being specified and consulted before the commitment was made for the rental. Dr. Anderson feels he could have gotten a comparable system for half the cost if he had been consulted with details by ███████ prior to the $45,000 commitment. The $45,000 cost was well above any sensible cost/benefit ratio.
			Coring equipment inventories and locations should be tracked more carefully.
		ECW gear in good condition?	Yes, fine.

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Yes	**No**	**Lab Space**	
		Adequate? (electrical needs, bench space, water, etc.)	Forward dry lab needs more counter space for grantee computers. Too many permanently installed computers.
		Remote Sensing support needs met? (QFax, Terascan, etc.)	N/A

		Quality of Hotel Services	
		Cabins clean and neat?	Yes, fine
		Linens clean and in good condition?	Fine.
		Food quality and variety was good?	Food a little better than Shaldril, but still below average. Dr. Anderson feels a trained cook or chef should be hired. Great food possible on board. Dr. Anderson has been on other ships with remarkable food. NBP food is routine, no surprises type steam table food. Dr. Anderson said that in his experience bad food can be a real morale breaker.

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		Personnel Review	
		ECO	Excellent.
		RPSC	Outstanding support, across the board.

Jim Dolan and Brent Evers both contributed notably to the success of the cruise. |
| | | **Safe Practices**

Please give us your feedback about safety onboard this USAP vessel. Please give as much detail as possible. | No comments, a safe operation. |

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Yes	**No**	**Research Objectives** All accomplished? If not, please explain (weather, ice, equipment, personnel).	Yes, all.
		Future Cruises If returning for another cruise, are there any additional equipment or support needs your group anticipates?	Next year, more advance planning on all objectives. No major last minute additions like this year with the small boats. Next year, professional mountaineers and field camp personnel will be required for glacier work.
		Anything you would like to see changed?	More counter space for grantee computing, less permanently installed computers in forward dry lab.

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Other Issues Diving, Zodiac, E-mail support, interactions with stations, etc.	Irridium phone use appreciated! Limiting use probably a good idea, allocating minutes per week, or per call.

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Additional Comments/Overflow: