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Event #s): B-050,016,017,025.030,014-N	E-mail: ksmith@mbari.org	Cruise #: NBP08-06

Required fields are highlighted in yellow. Click in the gray text box to enter comments.

Send completed outbrief form to marine.super@usap.gov

Planning Services	
Yes	SIP Process Met Expectations?
Comments: All PI's aboard NBP08-06 felt the SIP process met the needs of the grantees in assisting planning of the cruise objectives. More importantly they felt reviewing the SIP issues at the planning meetings was even more productive and helpful in the planning process and another set of meetings are needed for the next SIP process for the next Iceberg cruise in March 2010.	
Yes	RSP helpful and timely?
Comments: Grantees felt the RSP outlined the cruise objectives and described accurately the level of support RPSC would be providing. It was thought to be helpful.	
Yes	POC Responsive?
Comments: All PI's felt Adam took over the cruise and made a smooth transition in cruise planning after the departure of Steffi and provided solid support and timely communication in regards to all cruise planning efforts.	

Medical Services	
Yes	Kits received on time?
Comments: Fine	
No	Questions answered?
Comments: All PI's on the cruise felt the medical PQ process is capricious and requires better response by RPSC medical staff to questions asked by grantees. All would like to see a streamlining of the process with better explanation of what is needed from grantees and their doctors as the process for PQ is underway.	

Travel Services	
Yes	TRW available and understandable?
Comments: No problem.	
No	Ticketing completed easily?

Comments:	
ALL PI's felt the RPSC travel did not follow the requests on the TRW's of the grantees or provide explanation or answers to travel questions when asked by the grantees. The travel and ticketing process was described as a complete disappointment.	
Yes	Meet and assist service met requirements?
Comments:	
Jimmy is great! Best part of the travel experience for all grantees on the cruise	

Environmental Services	
Yes	Sample permits received okay?
Comments:	
N/A	
Yes	ACA permits received okay?
Comments:	
N/A	
Yes	Waste handling needs met?
Comments:	
All the MST's aboard the vessel provided excellent support and guidance for waste handling	

Equipment Availability	
Yes	Requested equipment available?
Comments:	
Some items were difficult to locate in the warehouse but RPSC and AGUNSA support were good and managed to locate all the needed equipment.	
Yes	Damaged?
Comments:	
The MOCNESS 10 needs a complete overhaul and spares need to be available. The future MOC 10 nets need to be redesigned to with stand the trawls to many were not up to the task. The OS 38 ADCP is needed, the Simrad EK 500 needs service and a proper calibration for use in Biomass estimates.	
No	Late?
Comments:	
Majority of equipment was on time for the cruise. But there needs to be better communication between vessels when they are both in port some lab supplies and isotopes were put on the LMG by mistake, keeping some important science efforts from being conducted.	
Yes	ECW gear in good condition?

Equipment Availability

Comments:

There were a few minor issues like the ECW not being complete or sizes not being as ordered. But overall in good condition. Some grantees had better clothing issued than others, needs consistency.

Yes

Lab space adequate?

Comments:

All groups were very happy with the lab allocations. Would like to see more consistent clean power in all the labs. Had difficulty with keeping the temperature of the walk in cold rooms at ambient temperature.

Yes

Remote sensing support needs met? (TeraScan, RadarSat)

Comments:

May need more excess data transfer for the next cruise.

Hotel Services

Yes

Cabins clean and neat?

Comments:

Would like to have some of the mattresses replaced in a few cabins

Yes

Linens clean and in good condition?

Comments:

No issues

Yes

Food quality and variety was good?

Comments:

No complains, food was very good

Research Objectives

Yes

All accomplished? If not, please explain (weather, ice, equipment, personnel, etc.)

Comments:

The overall feeling from all science groups aboard for NBP08-06 was that the cruise was a success in terms of the primary aim of the cruise was testing equipment in preparation for the NBP09-02 science cruise in March 2009. Many issues were resolved that will make the next Iceberg cruise better. But the fact that the MBARI ROV was lost was a negative, the cruise PI's agree no one event or group is to blame for the loss of equipment, it was a combination of events including a lack of proper planning and good communication with the main deck crew, the vessel and the fact that the ROV tether not being positively buoyant as was specified by the vendor. All these issues and others are attributed to the ROV being lost. In the future a proper dive protocol will be put into place, and followed, before deployment. In the next set of planning meetings the lessons learned from the cruise will be helpful in minimizing risks to equipment in science efforts.

Future Cruises

No	If returning for another cruise, are there any additional equipment or support needs your group anticipates?
Comments: The proper equipment was utilized for the cruise.	
Yes	Anything you would like to see changed?
Comments: The placement of the ROV reels needs to be addressed to see if there are better options for next cruise. The bio lab still needs some attention to intranet and CCTV systems and power supply not completed after the SIMBA fire refit. It is absolutely necessary to upgrade or service the Simrad EK 500 system so it can be properly calibrated for proper biomass survey on all three frequencies. The trace metal clean room was too small but sufficient. The transducer pole was in the way, often making recovery of equipment such as LST more difficult.	

Personnel Issues/Concerns

No	ECO
Comments: The captain and his crew provided solid support, responding to requests in a timely and effective manner.	
No	RPSC
Comments: All NBP08-06 PI's commended the RPSC staff pointing out many occasions during the cruise when the RPSC vessel staff provided excellent support. Examples included the following: The MBARI engineers and the RPSC staff all worked collectively to build up the backup ROV. The RPSC ET's built a special transformer that allowed the trace metal water sampling to continue when other power sources failed. RPSC MT's built a specialized bracket to hold the oceanographic sensors package on the MOC 10, RPSC IT department provided superb computer support to the grantees troubleshooting many difficult issues on the grantees personal computers. The chief scientist mentioned all groups on the cruise and felt this was the best RPSC staff they have had on an Antarctic cruise and that the RPSC vessel staff support exceeded expectations.	

Other Issues

No	Diving, Zodiac, E-mail support, interaction with stations, etc.?
Comments: Iridium phone arrangement was a big plus and appreciated by all grantees. The PI's felt the IT security protocols were overkill for the vessel, a waste of time and effort and, in general, were not helpful.	