

<b>Chief Scientist:</b> E. Domack	<b>Ph:</b> 315.859.4711	<b>MPC:</b> Adam Jenkins
<b>Event #(s):</b> 515	<b>E-mail:</b> edomack@hamilton.edu	<b>Cruise #:</b> NBP10-01

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

Send completed outbrief form to [marine.super@usap.gov](mailto:marine.super@usap.gov)

Planning Services	
<b>Yes</b>	SIP Process Met Expectations?
Comments: Change in e-mail address caught some of the grantees off guard in the earlier planning processes the old address was listed in the latest version of CON-OPS the address changed. Many missed that.	
<b>Yes</b>	RSP helpful and timely?
Comments: The delay in the N2 was annoying but we are not given that information in advance, there was no way to tell where the gas was and that the gas actually was not in PA	
<b>Yes</b>	POC Responsive?
Comments: The three PI's said Adam Jenkins was very responsive, very pro-active, the right person for the job. Adam provided solid support and leadership. Chief scientist Domack felt a discussion of Plan B was deferred and deflected by the NSF and RPSC until it was fully upon us, even at the pre cruise brief in PA it was dismissed, by then it was clearly too late.	

Medical Services	
<b>Yes</b>	Kits received on time?
Comments: Grantees felt it a difficult hurdle in terms of right paper work and the borderline, strict requirements of the continent and winter over held against the ship bound cruises. Needs to have a better policy of recognizing up front the cruise ops from the continent. It says this in the forms but the doctors clearly skip this part in the PQ review.	
<b>Yes</b>	Questions answered?
Comments: The grantees felt the timing of requests was bad, they usually get the queries late in the day, by then out of the office headed home because they are not on Denver time. Suggested all queries re: medical issues be sent in the AM (via phone or e-mail) this gives us the business day to address the concerns and lay the issues to rest. Those on teaching schedules are particularly in a bind with time in the fall as cruise departure and ticketing approach.	

Travel Services	
<b>No</b>	TRW available and understandable?

Comments:	
<p>Grantees said that RPS-Travel took a step backward this year, In all the years past they could arrange via RPS the flights that best took us from point A to point B. Now with the new strict regulations their hands are tied, and some of us self ticketed (with all the understanding that this implies). The policy seems to be geared to RPS employees who often change the flight plans after a field season on station, etc.. Grantees pretty much know when they want to come home and are on more strict travel time lines. A cruise has NEVER been late into PA in the 25 years I have been going this route. So the return date can be set and MUCH cheaper airfares can be obtained. Here the system is breaking down and it needs to be fixed, it is costing more money with the flexible ticketing arrangements RPS travel has been making.</p>	
<b>No</b>	Ticketing completed easily?
Comments:	
See above.	
<b>No</b>	Meet and assist service met requirements?
Comments:	
<p>Grantees felt that when they are met at the airport in Santiago, the AGUNSA agents do not have the clout they once had and some flights down were miserable. They have been told, reduced flights to PA from Santiago, etc.. but if there is no assistance just call it meet service. The arrangements in PA are great, AGUNSA is always there helps with luggage and to the hotels and are wonderful. Of course Jimmy and his co-horts are as well in Santiago but there is a problem in booking if a flight is late on arrival.</p>	

Environmental Services	
<b>Yes</b>	Sample permits received okay?
Comments:	
<p>The grantees felt the form letters are fine, but if all they need to do is stamp our letterhead on it and specify the sample types. Then please have the MSTs do this--this hits us in the middle of data collection, science operations and the whole nine yards.</p>	
<b>Yes</b>	ACA permits received okay?
Comments:	
Yes this was handle well by RPSC and NSF	
<b>Yes</b>	Waste handling needs met?
Comments:	
Yes this was handled very well by science support.	

Equipment Availability	
<b>Yes</b>	Requested equipment available?
Comments:	
Everything was in working order, the ETs and MTs did a great job.	
<b>No</b>	Damaged?

Equipment Availability	
Comments: Ross Hein, Adam Jenkins, Andy Nunn and all the RPSC science support team did an extraordinary job assembling the water sampling coring, benthic sampling gear and putting all equipment in excellent working order.	
Yes	Late?
Comments: No all equipment was on time only gases were late and this delayed the cruise.	
Yes	ECW gear in good condition?
Comments: Some items worn or unavailable. Insulated steel toed boots particularly in short supply. These are an essential item for safety and cold protection during deck operations!	
Yes	Lab space adequate?
Comments: Yes there was enough space	
Yes	Remote sensing support needs met? (TeraScan, RadarSat)
Comments: this varied and at times they got more than they could digest and at other times not anything. There needs to be a met officer on cruises such as this. Someone who can sit down and sort through all the data, the forecasts, the images, etc. and make sense of it (if possible). All of the grantees were given the same data,, but there was no consensus at times in terms of what it meant. They were not given a pre cruise assesment of the weather patterns, the ice core camp was. It was provided by David Bromwich (at OSU). Why cant something like that be provided to marine cruises. Patterns are set as the season progresses. This pattern was set in December and no one seemed to take notice,, or at least recognize we had a serious problem before we moved south.	

Hotel Services	
Yes	Cabins clean and neat?
Comments: very good	
Yes	Linens clean and in good condition?
Comments: very good	
Yes	Food quality and variety was good?
Comments: Excellent	

### Research Objectives

<b>No</b>	All accomplished? If not, please explain (weather, ice, equipment, personnel, etc.)
Comments:	
Weather and ice were very severe this year, a summer that never came, ice that was the worst anyone had ever seen. The combination nearly knocked us out of any achievable objective.	

### Future Cruises

<b>Yes</b>	If returning for another cruise, are there any additional equipment or support needs your group anticipates?
Comments:	
Get a meteorology officer on board. After discussions with the PHI pilots it is felt change the aircraft from the Bell Longranger to A-Stars, twice the range, twice the cargo capacity. The grantees anticipate that the Belgian ROV will not be part of future LARISSA cruises. Thus, and ROV with similar capabilities in seafloor positioning and seep searching are highly desirable. The video-guiding system borrowed from AWI used on the megacore was also extraordinarily useful. It is important that Raytheon provide a similar piece of equipment in the future.	
<b>Yes</b>	Anything you would like to see changed?
Comments:	
The grantees felt the e-mail addresses were a nightmare for them to work around. The spellings were wrong for several folks on the berthing list so when I went to do an e-mail to them I had to guess as to what the correct spelling was. The list servers for the various contingents are not spelled out clearly. An e-mail directory (hard copy) needs to be prepared and distributed to all and which includes both science, RPS, and crew. They did not like the add on of the term GUEST, in the science staff listing,. It sets a less than welcome tone, we are more than guests, we are sharing the resource and are part of the cruise team. They do not understand why we have different designations for guest and contractor etc..	

### Personnel Issues/Concerns

<b>No</b>	ECO
Comments:	
The grantees felt the repetitive safety briefings on the bridge substantially cut into productivity during round-the-clock sampling at benthic station. Some effort needs to be made to streamline this process. Otherwise, support for ECO was generally quite good. Also, requested fixes from the bridge for the deployments of moorings (especially drag-line moorings) should be provided to a resolution at least to hundredths (not tenths) of nautical miles. Otherwise, support from ECO was generally good.	
<b>No</b>	RPSC
Comments:	
RPSC provided extraordinary support throughout the cruise. They deserve praise for doing an extraordinary job.	

**Other Issues**

No

Diving, Zodiac, E-mail support, interaction with stations, etc.?

Comments:

We need better weather for the next cruise and less pack ice.....