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<b>Event #(s):</b> B-249-L	<b>E-mail:</b> dpn3@duke.edu	<b>Cruise #:</b> NBP10-03

**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: Yes, the SIP was very simple this year. Adding the biopsy info was easy.	
<b>Yes</b>	RSP helpful and timely?
Comments: Yes, and it was quickly updated when the cruise changed vessels. There were many revisions, but they were quick and clear to everyone.	
<b>Yes</b>	POC Responsive?
Comments: John was very knowledgeable and easy to deal with. He was very responsive, and when he didn't know the answer to a question he quickly put us in touch with the technical supervisor that did. John was out of the office for a while during the planning period, and it was a little unclear who was taking his place and responding to emails when he was absent. Ultimately this did not cause any problems, but if a POC is scheduled to be absent then a conference call would be good to hand over the reins.	

Medical Services	
<b>Yes</b>	Kits received on time?
Comments: [Redacted]	
<b>Yes</b>	Questions answered?
Comments: Medical did a great job when a team-member had to be replaced at the last minute. They made the PQ process very quick for the new team member	

Travel Services	
<b>Yes</b>	TRW available and understandable?
Comments: [Redacted]	
<b>Yes</b>	Ticketing completed easily?

Comments:	
Self ticketing went well. The personnel in the travel office seemed to coordinate well amongst themselves. Even after the earthquake ticketing was handled well, especially self ticketing.	
The Dallas-Santiago flight was cancelled before we deployed, and this was handled very well. All personnel were informed 24 hours in advance that they were being re-routed.	
All luggage made it.	
<input checked="" type="checkbox"/> Yes	Meet and assist service met requirements?
Comments:	
Jimmy is very careful, and happy with his new office. He is always helpful. Some of his staff don't speak english, which can sometimes be confusing- but in all, everyone made it through Santiago fine. Staff meeting science team in Punta Arenas was great, and last minute errands to replace missing gear was very helpful.	

Environmental Services	
<input checked="" type="checkbox"/> Yes	Sample permits received okay?
Comments:	
John was very attentive to permitting, especially the CITIES permits.	
<input checked="" type="checkbox"/> Yes	ACA permits received okay?
Comments:	
ACA honored MMPA permits, and were very quick and helpful issuing permits. It was easy to add biopsies to the permit this year.	
<input checked="" type="checkbox"/> Yes	Waste handling needs met?
Comments:	
N/A	

Equipment Availability	
<input checked="" type="checkbox"/> Yes	Requested equipment available?
Comments:	
Shipmounted echosounders worked great! Many thanks to Andy Nunn for facilitating this, and Bruce Felix for running cables to the bridge before we even arrived.	
The Dush 5 had some problems on this cruise, but we were impressed they got it working again. In all, we lost ~ 12 hours science time. Without the help of the LMG, the CTD would have been useless. Perhaps the NBP should also have a 12 bottle spare as a replacement so that it can be moved into the wetlab if the Baltic Room winch fails, and the waterfall has to be used?	
The Zodiacs and outboards worked great. The dodger was perfect.	
We would like to have more chairs for the labs, especially tall lab stools.	
<input type="checkbox"/> No	Damaged?

Equipment Availability	
Comments: [REDACTED]	
Yes	Late?
Comments: Having a camera stolen from our equipment stored in the warehouse is unacceptable. We're still waiting for resolution on how this camera will be replaced. We've only received evasive answers from RPSC about how this will be replaced.  One of our boxes stored in the warehouse wasn't located before our cruise. We were able to replace most necessary items in the box, but had it been any other of our boxes, the ship could not have sailed. Several other boxes were only located at the last minute before we had to sail.	
Yes	ECW gear in good condition?
Comments: [REDACTED]	
Yes	Lab space adequate?
Comments: [REDACTED]	
Yes	Remote sensing support needs met? (TeraScan, RadarSat)
Comments: We requested Terra-scan in our SIP and didn't receive any- only a few SSMI images. It would have been helpful to have more imagery.	

Hotel Services	
Yes	Cabins clean and neat?
Comments: [REDACTED]	
Yes	Linens clean and in good condition?
Comments: [REDACTED]	
[REDACTED]	Food quality and variety was good?
Comments: There need to be more protien options for vegetarians. Perhaps this could be a part of the planning process- asking how many vegetarians and sending this down to the ship before the provisioning happens so they can be adequately prepared.  Ramses and the other staff did a phenomenal job. Everyone was pleasant and helpful.	

## Research Objectives

### Research Objectives

Yes	All accomplished? If not, please explain (weather, ice, equipment, personnel, etc.)
<p>Comments:</p> <p>RPSC &amp; ECO- without the technical help and capability of both groups this wouldn't have happened.</p> <p>Everyone was cooperative, we didn't have to push to get our science done at all. For example, when we spotted Killer Whales, the Zodiacs were mobilized very quickly.</p>	

### Future Cruises

Yes	If returning for another cruise, are there any additional equipment or support needs your group anticipates?
<p>Comments:</p> <p>We're still evaluating the need for the landing craft.</p>	
	Anything you would like to see changed?
<p>Comments:</p> <p></p>	

### Personnel Issues/Concerns

Yes	ECO
<p>Comments:</p> <p>ECO was very professional and courteous.</p> <p>At night, during tracking, they did everything they could to get us where we needed to go.</p> <p>Planning could in some ways be improved. We'd like to see a more integrated charting system on the ship where we had access to the ship's charting program and could make our cruise tracks directly on it for them; the crew at ECO are obviously outstanding mariners and use any/all navigational aids for safe navigation. Integrating the various navigational streams would assist in planning routes and waypoints. It would also help to import multibeam data into the plotting program to make it a better interface for everyone to use.</p> <p>The deck crew is always pleasant and helpful.</p> <p>It's good to know they always have our safety in mind.</p>	
Yes	RPSC

### Personnel Issues/Concerns

Comments:

Huge thanks to Andy Nunn for setting up the calibration procedures for us to calibrate the EK-60. It was a minor miracle, and we couldn't have done it without his support.

Kathleen Gavahan was extremely helpful. She worked with Roland and put in a lot of effort to make us a fabulous set of charts for the areas we were working in. The ETs and ITs had all of our 'data stations' ready to go on the bridge and the ice tower. The ITs, especially Kris, went above and beyond the call to help us integrate data streams around the ship.

Newer MTs sometimes took a little too much time in the Zodiacs taking pictures; otherwise the newer MTs were great, professional and enthusiastic. The returning MTs had this all figured out, but everyone did a great job; Dan, Julie and Jeremy were fabulous - see discussion below.

All RPSC staff conducted themselves professionally and their at-sea abilities continually impress us. Additionally, they, especially the MTs, always look for ways to improve operations, and offered these suggestions in a professional maner. Just great that not only are they willing and able to execute the tasks set before them, but they are constantly working to improve things. We have open lines of communications, and they use them effectively and respectfully.

Jamee Johnson is a topflight MPC. She obviously has an amazing rapport with her crew, she is pleasant, fun, obviously loves what she does, and she anticipates needs and situations with near clairvoyance.

### Other Issues

No

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

Comments:

We had email issues the latter half of the cruise. The email system seemed to be unreliable. There was a virus that brought down the system one weekend which did not get dealt with stateside in a timely manner. After that weekend, there seemed to be many more problems. Users were reporting that emails were being returned to people stateside who were trying to send them for the rest of the cruise. We had several pressing messages that we weren't sure got through.

Full time internet, even on a limited basis would be nice.

Palmer Station didn't seem to be sensitive to our scheduling needs. They changed their minds several times about what day we were welcome to come ashore. It seems like they didn't take into consideration the difficulty of scheduling science and shiptime around their needs. We understand that there were several unanticipated issues at Palmer Station, but they weren't very welcoming of us.