

<b>PI:</b> Luyendyk/Bartek  <b>Event#:</b> GO-152	<b>Ph:</b> (805) 893-2827  <b>E-mail:</b> luyendyk@crustal.ucsb.edu	<b>Cruise #:</b> NBP03-01	<b>MPC:</b> Holik  <b>Date:</b> 2/1/03
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Yes	No	Planning
<input checked="" type="checkbox"/>	<input type="checkbox"/>	SIP process adequate?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	RSP helpful and timely?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	POC responsive?

		Medical
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Kits sent out on time?
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Questions answered?

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<b>Yes</b>	<b>No</b>	<b>Travel</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	TRW available and understandable?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Ticketing completed easily?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Meet and assist service?	
<b>Yes</b>	<b>No</b>	<b>Equipment Availability</b>	<p>Although most of the equipment worked very well, we had a few dissappointments. The Syntron Gun Controller was not able to fire 6 guns as we anticipated. It was only able to control 4 guns. In addition, the multichannel lead-in that had been repaired was not able to be put in the water, therefore reducing our total aperature by 3 channels (out of 48).</p> <p>The ECW Gear was fine.</p>
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Requested</b> equipment available?	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Damaged?	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	Late?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>ECW Gear?</b>	

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<b>Yes</b>	<b>No</b>	<b>Lab Space</b>	Although TerraScan was available and well supported, it did not always provide adequate resolution of the sea-ice causing us to navigate blindly at times. We strongly suggest the acquisition of radar-sat imagery in the future.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Adequate? (electrical, space, water, etc.)	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Remote Sensing support? (QFAX, Terascan, etc.)	
<b>Yes</b>	<b>No</b>	<b>Hotel Services</b>	Both the linens and the food have shown great improvement over the years.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Cabin assignments okay?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Linens okay?	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Food quality okay?	

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<b>Yes</b>	<b>No</b>	<b>Personnel Issues</b>	The support given to our project both from RPSC and the ECO crew was excellent.
<input type="checkbox"/>	<input checked="" type="checkbox"/>	ECO?	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	RPSC?	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<b>Research Objectives</b> All accomplished? If not, explain (weather, ice, equipment, personnel).	The only reason we did not accomplish all our research objectives was due to ice conditions. This year brought far more ice cover than we anticipated and it limited our ability to work in many of our proposed locations. Had this not been an issue, we feel we could have accomplished all of our objectives.

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<b>Yes</b>	<b>No</b>	<b>Surveys Completed?</b>	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	USAP Metrics Survey	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	GPRFA Facilities Survey	
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<b>Future Cruises</b> If returning for another cruise, are there any additional equipment or support needs your group anticipates?	Routine maintenance and upgrades need to be performed on a variety of systems including the multichannel streamer, the gun controller, deep-tow side-scan, OYO DAS, and gun umbilical. In addition, the availability of radar sat images is critical to enable us to see where the sea-ice is.
<input checked="" type="checkbox"/>	<input type="checkbox"/>	Anything you would like to see changed?	Radar-Sat images of sea-ice need to be purchased on a regular basis. The savings in unproductive ship time will easily offset the cost of the images.

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<b>Yes</b> <input type="checkbox"/>	<b>No</b> <input checked="" type="checkbox"/>	<b>Other</b> Diving, Zodiac, E-mail support, interactions with Palmer Station, etc.

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**Additional Comments/Overflow:**

We gratefully acknowledge the skill and cooperation of the ECO crew and thank in particular Captain Joe Borkowski III for an efficient and safe passage. Raytheon Polar staff provided excellent and cheerful support. This is greatly appreciated. We also thank students from UC Santa Barbara and the University of North Carolina, Chapel Hill for enthusiastic help with the science program.