

Chief Scientist: David Demaster	Ph: 919.515.7026	MPC: Al Hickey
Event #(s): B237 + B212	E-mail: demaster@ncsu.edu	Cruise #: LMG09-02

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: The SIP for the LMG09-02 cruise was fine	
Yes	RSP helpful and timely?
Comments: The RSP for the LMG09-02 cruise overall was fine. Initially, there were some problems getting the correct lab supplies ordered. We did not receive an RSP for our Palmer Station work, which made ordering supplies for the Palmer Station work difficult. We also didn't know what Palmer Station supplies were going to be on board ship until we arrived in Punta Arenas.	
Yes	POC Responsive?
Comments: Adam Jenkins was very responsive overall. During the last 1-2 months prior to the cruise, he was involved with other projects, so it was hard to get our Palmer Station needs organized. For example, we requested the ability to benthic trawl from a zodiac at Palmer Station 4-5 months before our cruise, and we never heard any confirmation. A winch platform was loaded in Punta Arenas for the zodiac, but we had to build a box trawl at Palmer Station before the ship left station (which worked out fine).	

Medical Services	
Yes	Kits received on time?
Comments: No problems	
Yes	Questions answered?
Comments: No problems with the NCSU group (although some didn't like the required flu shot).	

Travel Services	
Yes	TRW available and understandable?
Comments: The NCSU group had no problems with travel.	
Yes	Ticketing completed easily?

Comments: No problems.	
<input checked="" type="checkbox"/> Yes	Meet and assist service met requirements?
Comments: The meet and assist services in Santiago and in Punta Arenas were wonderful. Both Jimmy and Carola were very efficient and friendly and very willing to serve.	

Environmental Services	
<input checked="" type="checkbox"/> No	Sample permits received okay?
Comments: We did not need any permits for our sampling	
<input checked="" type="checkbox"/> No	ACA permits received okay?
Comments: No ACA permit required.	
<input checked="" type="checkbox"/> Yes	Waste handling needs met?
Comments: The waste handling (primarily from the autoanalyzer) was very efficient and facilitated by our MSTs.	

Equipment Availability	
<input checked="" type="checkbox"/> Yes	Requested equipment available?
Comments: We had a little trouble tracking down the refrigerated centrifuge at first. The Kasten core equipment needs to be much better organized. We almost left the dock with a head assembly that wouldn't have fit our barrels. There are some heads that don't fit all barrels, and there are some nose pieces that don't fit the barrels. There seems to have been several versions of the kasten core and none of the heads/barrels/nose pieces were labeled as to which piece fit with which version.	
<input checked="" type="checkbox"/> No	Damaged?
Comments: [Redacted]	
<input checked="" type="checkbox"/> No	Late?
Comments: [Redacted]	
<input checked="" type="checkbox"/> Yes	ECW gear in good condition?
Comments: There were not enough steel toed boots and no flannel work shirts	
<input checked="" type="checkbox"/> Yes	Lab space adequate?

Equipment Availability

Comments:

Working in the aquarium room is difficult at times because it is so noisy in there.

Yes

Remote sensing support needs met? (TeraScan, RadarSat)

Comments:

We only needed the Chlorophyll distributions and we were able to get those from Louise at Palmer Station.

Hotel Services

Yes

Cabins clean and neat?

Comments:

No problems

Yes

Linens clean and in good condition?

Comments:

Yes

Food quality and variety was good?

Comments:

Some of the vegetarians on board felt that more could have been served with their dietary needs in mind.

Research Objectives

Yes

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

Comments:

Yes, it was a great cruise and very successful. Basically, all of our research objectives were accomplished. We did have some problems with equipment (e.g., recently purchased bottom camera), but these problems couldn't have been foreseen.

Future Cruises

Yes

If returning for another cruise, are there any additional equipment or support needs your group anticipates?

Comments:

The box corer was lost during a deployment in Marguerite Bay (during retrieval the frame got caught under a large boulder and snapped the wire). Consequently, the box corer will have to be replaced. We know exactly where it is, but there was no equipment to retrieve it. The new Raytheon benthic camera stopped working and needs to be repaired before more benthic surveys can be conducted.

No

Anything you would like to see changed?

Comments:

Personnel Issues/Concerns	
No	ECO
Comments: No issues. The ECO personnel were easy to work with and had a great "can do, how can we serve" attitude. They were very competent in handling the ship, especially during station operations. They were interested in the science and did everything they could to achieve the scientific objectives.	
No	RPSC
Comments: No issues. All of the Raytheon personnel were excellent and very professional. Al Hickey (MPC) was a delight to work with and he coordinated the science and ship logistics very well. He showed sincere interest in the science and it felt like he was one of our team members. The MTs, MSTs, and ETs, all were very proficient at their jobs. They all responded quickly to the various science needs that arose and were happy to help in any way that they could. The deck operations were extensive on this cruise and the MTs did a wonderful job in conducting the operations in a safe and time-efficient manner. They communicated well with the principal investigators and even when schedules changed because of bad weather, they did everything possible to complete the scientific tasks in a safe and professional manner. They were all great!! The MSTs did an excellent job of handling all of the chemicals and most importantly packing and shipping our samples. The ETs handled all of the computer needs, course mapping and CTD information very efficiently and were always ready to assist when asked.	

Other Issues	
No	Diving, Zodiac, E-mail support, interaction with stations, etc.?
Comments: No diving, all other support was fine.	