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Event #(s): B-021, O-241, B-045, B-020, B-019, B-013	E-mail: dgm@ldeo.columbia.edu	Cruise #: LMG09-01,

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

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

Planning Services	
Yes	SIP Process Met Expectations?
Comments: Thanks for sending old SIPS for this cruise. This made the whole process clearer to the newer grantees.	
Yes	RSP helpful and timely?
Comments: Very timely.	
Yes	POC Responsive?
Comments: Adam was great! He was very responsive to questions, always answered immediately or sent a message saying he would investigate. B-045 said Adam was very organized, especially considering the amount of work he had to revise for the whole cruise this year.	

Medical Services	
No	Kits received on time?
Comments: B-013 said their packets were sent late. Everyone else said the packets arrived on time.	
No	Questions answered?

Medical Services

Comments:

There were many comments regarding medical services.

B-045 said they got mixed messages about who was contracted for lab work now- Lab Corps, or Quest.

B-013 thought it was unnecessary that he had to have his wisdom teeth removed for this cruise.

B-020 mentioned that some person they called in medical with questions was rude and unhelpful.

B-045 said that though he got weekly medical updates from the office, they were often wrong.

All groups agreed that medical kept saying they were asking for more information, but not actually contacting the person they needed more info from.

O-241 Thought medical didn't understand the urgency of PQing in a timely manner

Travel Services

Yes | TRW available and understandable?

Comments:

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Yes | Ticketing completed easily?

Comments:

B-045 said that travel was OK, that they were all ticketed early if they were PQ'd. Brigitta James was mentioned as being pleasant and helpful.

B-019 said that despite the fact that they PQ'd late they still were ticketed OK in spite of the Christmas Holiday.

B-020 suggests that the information packet that travel Fed-Exes to grantees mention that tickets are electronic. (Grantees thought tickets were missing from packet.)

B-013 wants to know if travel will mail ticketing packets (luggage tags) to Canada?

Yes | Meet and assist service met requirements?

Comments:

Everyone agreed that Jimmy is fabulous.

B-020 remembers him from 22 years ago, he's made a fond memory over the years for her in the program.

O-241's luggage was lost on the way to Punta Arenas, and Jimmy found it and forwarded it on to the ship.

Environmental Services

Yes | Sample permits received okay?

Environmental Services	
Comments: [REDACTED]	
Yes	ACA permits received okay?
Comments: B-013 does this themselves, for the most part.	
Yes	Waste handling needs met?
Comments: [REDACTED]	

Equipment Availability	
Yes	Requested equipment available?
Comments: B-019 says that Adam was very good about confirming exactly what was requested, and making sure all the science parties could share the available equipment. B-019 wonders why there aren't Geiger counters in the Rad Vans?	
Yes	Damaged?
Comments: B-045 notes that the Rad vans are really showing their age. They need at the very least a good refurb. Will send a separate email about this. B-045 & B-019 noted that the LSCs needed some work on this cruise. They suggest we revisit how they are secured in the vans to improve their longevity. B-045 mentioned that he appreciated Elizabeth Glass' hard work to get the machines running and get them on the network.	
No	Late?
Comments: [REDACTED]	
No	ECW gear in good condition?
Comments: B-045 said some items were in short supply, specifically poly glove liners B-013 says that the ECW gear provided doesn't cut it, and they bring their own equipment for field work. They noticed the snow bibs need to be replaced.	
Yes	Lab space adequate?
Comments: Most groups were happy with their lab space. B-013 commented that they'd like more lab space in the wetlab, that they'd like to see the underway air sampling equipment moved, and the they would have liked another chair.	

Equipment Availability

No Remote sensing support needs met? (TeraScan, RadarSat)

Comments:

B-013 had some issues with ice imagery this year. They suggest we clear up communications between all parties in order to request and send ice images. They feel the data allowances for imagery and other data on the cruise were insufficient. They would like to see the birder account renamed, as they believe it's an account for all PIs to communicate and receive business email on.

Hotel Services

Yes Cabins clean and neat?

Comments:

All agreed that cabins were great. Thanks to the ECO crew for making it so.

Yes Linens clean and in good condition?

Comments:

Everyone agreed that the linens were nice.

B-020 says she's never had a nicer comforter at sea before.

Yes Food quality and variety was good?

Comments:

All parties agreed that the food was excellent this year.

B-019 was really grateful for midrats, and all agreed it was nice to have dinner for midrats, not always breakfast.

Research Objectives

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

Comments:

All parties agreed that the reasearch was very sucessful this year. (see attached message.)

Future Cruises

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

Comments:

all parties agree that it's extremely useful to have an overlap of RPSC/ECO folks who have participated in LTER before

Yes Anything you would like to see changed?

Future Cruises

Comments:

All parties agree that the LMG is an excellent platform for work on the WAP.

B-013 Would like to revisit the repairs of the Avian Island hut issue. He suggests that tools be left on the island while the birders are there, and they can do upgrades to the hut themselves. They wonder if a Scott tent will be necessary in the future.

B-013 would like the RSP to clarify who makes the ultimate decision about the conditions under which Zodiacs are launched to conduct shore work.

B-013 would like the RSP to authorize them to operate Zodiacs without an RPSC escort, much like they do at Palmer Station.

B-013 requests that any damage to the Palmer Station Mark III onloaded for their use be considered an incidental operational cost to doing science in the ice.

B-020 would like to find a resolution to our MOCNESS net issues next year.

B-019 would like to brainstorm a better way to run cables for the AC9 next year.

B-019 will want to run a TMC water tube to the wetlab next year.

B-020 would like to brainstorm how to keep the net depth sensor more consistently accurate. It's great when it works, but it seems to change between stations.

Personnel Issues/Concerns

Yes	ECO
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Comments:

Everyone agrees the support provided by ECO was very helpful.

B-045 states that Captain Joe Abshire is really engaged and open-minded when it comes to the science plan and objectives.

B-013 especially wants to thank the bridge crew for trying new routes to reach Charcot Island.

B-019- mentions that the mates on the bridge were especially cooperative

Yes	RPSC
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Personnel Issues/Concerns

Comments:

Everyone agrees that the support provided by RPSC is helpful.

B-019 says that RPSC support was way beyond what he's come to expect on research cruises. He wants to thank the MT's for their eagerness to launch small boats in support of his glider program. They were always very consciensious of equipment.

B-021 says that the support, both RPSC and ECO is the best he's seen anywhere in the world.

B-045 said that he appreciated the MPCs decisions, especially regarding the work on Charcot.

B-021 specifically thanks Victor Shen for all of the work he did turning around instruments to redeploy.

B-020 thank Chance Miller and Dan Powers specifically for building them a new 1M frame so quickly and providing such great support on the deck. "They were a pleasure to work with."

Other Issues

Yes

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

Comments:

B-013 will contact RPSC HQ directly to arrange the scope of Avian Island Hut repairs in the future.

B-013 was concerned that there was one incident when they were boating; their boat was underinflated, and wasn't equipped with oars.

B-045 suggests that instead of the annual planning meeting in Denver that the group have a side meeting at the "LTER all-scientists" meeting in Estes Park, CO in September.

B-045 says this year was "the best LTER" of the six years he's participated.