





|   |  |                                       |
|---|--|---------------------------------------|
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| <b>Event #(s):</b> B-036-P/L<br>B-232-L | <b>E-mail:</b> bsidell@maine.edu<br>costa@biology.ucsc.edu | <b>Cruise #:</b> LMG07-05<br>LMG07-06 |

**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:<br>            |                               |
| <b>Yes</b>  | RSP helpful and timely?       |
| Comments:<br>            |                               |
| <b>Yes</b>  | POC responsive?               |
| Comments:<br>Costa: Steffi was great.<br>Sidell: Steffi was great, and paid a lot of attention to detail. |                               |

| Medical Services  |                        |
|---|------------------------|
| <b>No</b>   | Kits received on time? |
| Comments:<br>Costa: The kits needed to be requested over the phone, Steffi made the arrangements.<br>Sidell: Due to a scheduling change for this project, many people needed to PQ very quickly; all materials were provided in a very timely fashion to ensure this. |                        |
| <b>Yes</b>  | Questions answered?    |
| Comments:<br>  |                        |

| Travel Services  |   |
|--|---|
| <b>No</b>  | TRW available and understandable?         |
| Comments:<br>Costa: A TRW was not used, but the paperwork was understandable.                    |   |
| <b>Yes</b>   | Ticketing completed easily?               |
| Comments:<br> |   |
| <b>Yes</b>   | Meet and assist service met requirements? |

Comments:

Costa: Service was great for everyone except D. Crocker and T. Goldstein, who had a weather delay in Dallas. When they called RPSC personnel in Denver, strangely they were told that the boat would not wait for them unless they could get to PA in time, even though D. Crocker is the co-PI for the project. Though discouraged from continuing southbound travel, they proceeded with personal arrangements and arrived in PA and contacted Agunsa with time to spare.

Sidell: Jimmy, as always, was excellent. M.Usrchel travelled southbound on personal arrangements, however, his itinerary was not related from Denver to Agunsa personnel and he was not met in either Santiago or Punta Arenas.

**Environmental Services**

Yes Sample permits received okay?

Comments:

█

Yes ACA permits received okay?

Comments:

█

Yes Waste handling needs met?

Comments:

█

**Equipment Availability**

Yes Reserved equipment (per RSP) available and operational?

Comments:

█ Costa: The zodiacs performed excellently.

Yes Damaged?

Comments:

Sidell: Some of the fish pots should be examined and possibly replaced, but otherwise the fishing equipment was excellent. Also, Bruce would prefer to use a hydraulically-driven streamer winch such as the mooring winch on future cruises. (on LMG07-06 the TSE mooring winch was used, which is electrically driven.)

Yes Late?

Comments:

Costa: One box of somewhat essential equipment did not arrive by the beginning on LMG07-05, arriving later for LMG07-06. Emergency replacements were obtained through a local veterinarian in Punta Arenas.

Sidell: 95% Ethanol did not make it from the SIP to the RSP, though it should be noted that this was missed by everybody and was not eventually needed.

| Equipment Availability                                       |  |
|--|--|
| <input checked="" type="checkbox"/> Yes                      | ECW gear in good condition?                            |
| Comments:<br>Flannel shirts should continue to be available. |  |
| <input checked="" type="checkbox"/> Yes                      | Lab space adequate?                                    |
| Comments:<br>[REDACTED]                                      |  |
| <input checked="" type="checkbox"/> Yes                      | Remote sensing support needs met? (TeraScan, RadarSat) |
| Comments:<br>[REDACTED]                                      |  |

| Hotel Services  |                                     |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> Yes   | Cabins clean and neat?              |
| Comments:<br>Sidell: Shower drainage was an issue in one room late one night when the occupants did not want to disturb ECO personnel. They cleaned the drain themselves, and it was noted that the drain featured a great deal of long-term buildup. |                                     |
| <input checked="" type="checkbox"/> Yes   | Linens clean and in good condition? |
| Comments:<br>[REDACTED]   |                                     |
| <input checked="" type="checkbox"/> Yes   | Food quality and variety was good?  |
| Comments:<br>Sidell: would like to see a policy of using a re-usable cup or coffee mug instead of the large amount of paper cups consumed by the ship. Perhaps a cup/mug could be issued to each oncoming member as part of gear issue.               |                                     |

| Research Objectives  |   |
|--|---|
| <input type="checkbox"/>   | All accomplished? If not, please explain (weather, ice, equipment, personnel, etc.) |
| Comments:<br>Costa: While the base level of tagging operations was achieved, more research goals could have been achieved with an extra day of science operations, which in this case, would have taken the place of the scheduled Vernadsky re-supply visit. Some weather conditions were to blame for the reduced success on LMG07-06. |   |

| Future Cruises                          |  |
|---|--|
| <input checked="" type="checkbox"/> Yes | If returning for another cruise, are there any additional equipment or support needs your group anticipates? |

### Future Cruises

Comments:

Sidell: A hull-mounted acoustic device designed more specifically as a 'fish finder' and to provide a finer scale to the bottom surface contour would be much more helpful to operations.

No

Anything you would like to see changed?

Comments:

### Personnel Issues

No

ECO

Comments:

No

RPSC

Comments:

Costa: Zodiac support by the MTs was 'phenomenal'.

### Any Other Issues

No

Diving, Zodiac, email support, interaction with stations, etc.?

Comments: