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|--------------------------------------|-----------|-------------------------|--|-----------------------------|
| <b>Chief Scientist:</b> Ken Halanych |           | <b>Ph:</b>              | <b>Cruise #:</b><br>LMG04-14   | <b>MPC:</b><br>Skip Owen    |
| <b>Event#:</b> B-281, B-307, B-281   |           | <b>E-mail:</b>          |  | <b>Date:</b><br>22 Dec 2004 |
| <b>Yes</b>                           | <b>No</b> | <b>Planning</b>         |  |                             |
| X                                    |           | SIP process adequate?   | ORW in POLARICE is cumbersome. SIP itself okay; Modifying info in POLARICE difficult or impossible after entry; specifically Larry commented that changing/updating diver info was difficult to impossible.  |                             |
| X                                    |           | RSP helpful and timely? | The RSP came out too late to provide adequate time to review prior to cruise to look for any info that may have been dropped or modified.  |                             |
| X                                    |           | POC responsive?         | RPSC Science Cruise Coordinator very helpful, although may have lacked some understanding of equipment (i.e. that XBT autolauncher is used with Deep Blue XBTs only; it should be indicated that these are default for autolauncher; as a result all the T-5 XBTs acquired for trip had to be hand launched – this did not prove onerous, just that the idea was to use the autolauncher).   |                             |
|                                      |           | <b>Medical</b>          |  |                             |
| X                                    |           | Kits sent out on time?  | Kudos in particular to Karen, RN at RPSC, who was very helpful and forthcoming.  |                             |
| X                                    |           | Questions answered?     | <p>There were some paperwork issues, in particular participants wanted copies of lab results for their own medical archives and had to ask repeatedly for them.</p> <p>Another issue was that there was an apparent misfiling of info on one participant. It is also getting increasingly difficult to get anyone to draw the blood for profiling as the lab work is done elsewhere, thus no money to be made.</p> <p>The waiver process is uncertain.</p> |                             |

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| <b>Yes</b>                         | <b>No</b> | <b>Travel</b>                             | Accolades for Santiago airport support and Jimmy Videla.  |
| X                                  |           | TRW available and understandable?         |   |
| X                                  |           | Ticketing completed easily?               |   |
| X                                  |           | Meet and assist service met requirements? |   |
|                                    |           | <b>Equipment Availability</b>             | <p>There were problems in that some requested items were on ICEFISH cruise and did not get back to PA in time for LMG cruise. Digital cameras on microscopes were problematic; grantees brought less equipment due to having been told that new systems were coming; equipment not wrong; just not for shipboard use, too much vibration and cameras too slow, users used own equipment with better results. Tech rep was great, but see above about equipment. Also, there was a problem with the Baltic room boom that added considerable time to each CTD deployment (this was scheduled to be fixed in port post-cruise). There was a mis-match with the tension read-out from the new DUSH 11 winch; Ets were able to program a workaround but that could have been more of a problem. (This should also be fixed now).</p> <p>ECW gear was in good condition; there were some issues with boots that leaked, bad zippers. Float coats on the vessels are showing their age and should be replaced. More sizes are needed. More mediums. Some gear pretty well used; Sunglasses a big improvement.</p> |
|                                    | X         | <b>Requested</b> equipment available?     |   |
|                                    | X         | Damaged?                                  |   |
|                                    | X         | Late?                                     |   |
| X                                  |           | <b>ECW gear in good condition?</b>        |   |

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| Yes | No | Lab Space  |  |
|-----|----|--|--|
| X   |    | Adequate? (electrical needs, bench space, water, etc.)   | Adequate except for lack of good chairs/stools for microscope viewing. Space needs to be more flexible with more 30" tables. (MPC suggested that with their current experience they could specify a configuration that would more adequately serve the intensive microscope use of their cruise).<br><br>Nice ice machine. |
| X   |    | Remote Sensing support needs met? (QFax, Terascan, etc.) | Remote sensing support was great; Palmer Station RA Johan Booth was great with imagery support.  |

|   |  | Quality of Hotel Services           |  |
|---|--|-------------------------------------|--|
| X |  | Cabins clean and neat?              | Cabins were clean and neat. Crew was very responsive to repair requests.   |
| X |  | Linens clean and in good condition? | Towels and linens are skimpy and thin. Short supply of towels. Some difficulty getting full issue of linen at beginning of cruise. |
| X |  | Food quality and variety was good?  | Food was excellent: Lots of variety, very tasty. Cooks were great, friendly. No complaints at all.                                 |

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|  | <p><b>Personnel Review</b></p> <p>ECO</p> <p>RSPC</p>   | <p>All ECO and RPSC personnel were great, cheerfully and willingly took on all requests. KUDOs to all ECO/RPSC personnel, easy to work with; any concerns and/or situations that developed were worked out early and well.</p> <p>Great working with everyone; ETs and MTs were great and supportive; deck support excellent all around.</p>   |
|  | <p><b>Safe Practices</b></p> <p>Please give us your feedback about safety onboard this USAP vessel. Please give as much detail as possible.</p> | <p>CS noted that all support people were more conscious of safety concerns and good practices than on previous cruises.</p> <p>General Alarms seem to have been difficult for some to hear, such as when someone is in the shower (Capt. ID'd any spaces or cabins to follow up immediately). Practice of placarding doors and decks when wires under tension (bottom trawling) a good one and needs constant reinforcing.</p> |

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| <b>Yes</b>                         | <b>No</b> | <b>Research Objectives</b>  |   |
| <b>X</b>                           |           | All accomplished?<br>If not, please explain<br>(weather, ice,<br>equipment, personnel).   | All accomplished. Two days were lost; one to ice, one to logistics (Palmer Station call).   |
| <b>X</b>                           |           | <b>Future Cruises</b><br><br>If returning for another<br>cruise, are there any<br>additional equipment or<br>support needs your<br>group anticipates? | Please send info on new generation autolauncher for XBT system. It would be nice if system could use other probe types.                   |
| <b>X</b>                           |           | Anything you would<br>like to see changed?  | Seawater wash down system needs work. (Note that parts were ordered during the cruise to effect fixes, but system needs basic re-design). |

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| <b>Yes</b>                         | <b>No</b> | <b>Other Issues</b><br>Diving, Zodiac, E-mail support, interactions with stations, etc. | <p>The Chief Scientist letter was not received by the CS until some time into the trip due to a bad email address, although it was received prior to sailing by the MPC. MPC did not notice that address was bad and was under the impression that CS was in receipt. Minor issue only in that this resulted in late submission of weekly report. Most of the time the sender (in this case the NSF) will receive an error message and correct, why didn't sender attempt re-send?</p> <p>The monitors can be hard to read as they get busier. Consider a cheat-sheet, or replacing with monitors that display more crisply.</p> <p>Hard drive space totally inadequate; should not be a limitation in this day and age; considerable time was spent making more space for digital images from scopes, ETs are worked hard enough without having to do this kind of housekeeping when large drives are readily available (see RPSC IT Metrics survey for more on subject).</p> <p>Shipboard (IMO) security, Info security, etc., are awkward.</p> |
| <b>X</b>                           |           |   |   |

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**Additional Comments/Overflow:**