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| Chief Scientist: Hugh Ducklow | Ph: 804-684-7180 | MPC: Andrew Nunn |
| Event #(s): (represented at the outbrief meeting) 045 – Hugh Ducklow 028 Robin Ross Quetin and Langdon Quetin 016 – Wendy Kozlowski 013 – Kristen Gorman 021 – Clayton Jones ECO – Captain Marty Galster | E-mail: Duck@VIMS.EDU | Cruise #: LMG07-01 |

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 | |
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| Yes | SIP Process Met Expectations? |
| Comments: 045 – No problems 028 notes they cannot do submittal of divers at time required by RPSC | |
| Yes | RSP helpful and timely? |
| Comments: | |
| Yes | POC Responsive? |
| Comments: 028 commented that Steffi was “great”. | |

| Medical Services | |
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| Yes | Kits received on time? |
| Comments: 028 noted that kits were sent directly to students rather than PI’s despite repeated requests. 016 noted one blood test lost in mail and had to be redone | |
| Yes | Questions answered? |
| Comments: Several PI’s noted that when “additional info” was required no one contacted the grantees to get the info. The grantees instead had to contact medical to find out their PQ status. They felt it was unclear whether it was RPSC’s or the grantees responsibility to follow up on medical questions. Several PI’s said medical re-questioned them over matters which were resolved in previous years and on which information should have been available to medical in the existing medical files. | |

| Travel Services | |
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| Yes | TRW available and understandable? |
| <p>Comments:</p> <p>Several PI's wondered why there was so much variation in travel restrictions from ticket to ticket.</p> <p>One PI requested that the TRW form be expanded to allow for more legs on the flight request.</p> | |
| Yes | Ticketing completed easily? |
| <p>Comments:</p> <p>Several PI's expressed an interest in self ticketing because they encountered unexpected travel restrictions on their tickets.</p> | |
| Yes | Meet and assist service met requirements? |
| <p>Comments:</p> <p>AGUNSA is always very good. They especially appreciated all the help AGUNSA gave in tracking down luggage lost by American Airlines and Delta in the states.</p> | |

| Environmental Services | |
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| Yes | Sample permits received okay? |
| <p>Comments:</p> | |
| Yes | ACA permits received okay? |
| <p>Comments:</p> <p>013 said ACA permitting was fine.</p> | |
| Yes | Waste handling needs met? |
| <p>Comments:</p> <p>Several PI's complimented MST Addie Coyac on how frequently she took care of waste disposal.</p> | |

| Equipment Availability | |
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| Yes | Requested equipment available? |
| <p>Comments:</p> <p>All science groups said they had everything they requested.</p> <p>028 noted that confirmation that the spare cod ends would arrive in time was late.</p> | |
| No | Damaged? |
| <p>Comments:</p> <p>016 and 045 both noted that it's time for the RAD vans to have an overhaul. Latches on cabinets are beginning to fail.</p> | |
| No | Late? |
| <p>Comments:</p> | |

| Equipment Availability | |
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| Yes | ECW gear in good condition? |
| <p>Comments:</p> <p>Several science groups requested more coat hangers – possibly in hallway outside of labs – to keep labs from getting cluttered with wet gear. Also, they like the idea of AGUNSA issuing float coats with the rest of the issue gear rather than having the cloak room jam packed with unused and wrong sized gear.</p> | |
| Yes | Lab space adequate? |
| <p>Comments:</p> <p>013 appreciated having their entire bench and under bench space available in the Wet Lab.</p> <p>013 also liked being able to do their computer work on the new table on the aft bridge.</p> <p>The other groups were all pleased with their lab spaces.</p> <p>They noted that heaters in the Baltic room were occasionally turned up but that the room needs to be cold when the CTD comes on board.</p> | |
| Yes | Remote sensing support needs met? (TeraScan, RadarSat) |
| <p>Comments:</p> <p>All groups greatly appreciated the excellent and frequent Terrascan and MODIS images from Palmer Station. Many thanks to Christina Hammock the Palmer Terascan tech.</p> <p>045 noted that the one RADARSAT image we eventually received was unnecessary. He noted that the need to pre-schedule images from a limited area essentially negates the value of RADARSAT images. They may not bother with them next year.</p> | |

| Hotel Services | |
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| Yes | Cabins clean and neat? |
| <p>Comments:</p> <p>Several groups noted that cabin cleanliness was very improved this year. They appreciated the new curtains and linens that fit.</p> | |
| Yes | Linens clean and in good condition? |
| <p>Comments:</p> <p>They noted that the new pillows were very nice.</p> | |
| Yes | Food quality and variety was good? |
| <p>Comments:</p> <p>All groups were very complimentary of the food and thanked Chief Steward Carl Pratt for being so personable and responsive. They especially liked the breakfast bar, and the sandwiches, and the extraordinary salads that lasted almost until the end of the cruise.</p> <p>The one request was to have a larger vegetarian entrée available for the several participants this year who were vegetarian. They noted that Vegetarian status needs to be included in the SIP so that the cooks can order more vegetarian foods prior to the cruise start.</p> | |

Research Objectives

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| Yes | All accomplished? If not, please explain (weather, ice, equipment, personnel, etc.) |
| <p>Comments:</p> <p>045 Noted that they accomplished everything they wanted and more. They said it was the most productive cruise in 5 years.</p> <p>016 said "it was great for us too."</p> <p>028 said "most uniformly great bridge crew they've ever had. All the CTD's went well."</p> <p>013 said "it went great for us, especially the extra island stops and the tag retrieval".</p> | |

Future Cruises

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| Yes | If returning for another cruise, are there any additional equipment or support needs your group anticipates? |
| <p>Comments:</p> <p>013 Would like to consider some repairs on the Hut on Avian Island</p> <p>028 Is considering the use of the 1 meter MOCNESS, which would require a redesigned Net Depth Sensor Termination on the DUSH 4.</p> <p>Use of the MOCNESS may also require a 10' pipe extension be built aft of the Aft Rad Van to allow the platform zodiac to be stowed off the deck but within reach of the knuckle crane.</p> <p>016 suggested they might like to have a small winch (100 meter) available to lower their Hydros-cat instrument off the starboard A-frame next year, but that the DUSH-4 system we used off the aft A-frame was just fine this year.</p> | |
| Yes | Anything you would like to see changed? |
| <p>Comments:</p> <p>028 Would like to change from the large flat rack positioned on the floor of the aquarium room to a (fiberglass) shelf unit against the forward wall.</p> <p>028 says they will be using plastic 2 liter jars with the glass jars on board as a back up.</p> | |

Personnel Issues

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| very good | ECO |
| <p>Comments:</p> <p>Several PI's complimented the bridge crew on being so responsive and personable. They said it was a very friendly and professional bridge crew.</p> | |
| very good | RPSC |
| <p>Comments:</p> <p>The PI's said that the RPSC team was "very helpful and co-operative".</p> <p>045 noted "Meghan King was super on the moorings."</p> <p>045 noted "It was very reassuring having Kevin Pedigo available again for this cruise."</p> <p>028 noted how much they appreciated Fred Stuart's (ET) assistance with the Mac computers.</p> <p>028 also noted how much they appreciated the "very professional" deck team (Meghan King and Greg Buikema)</p> <p>Several PI's noted they really appreciated Addie Coyac's (MST) assistance in the labs.</p> | |

Other Issues

Yes

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

Comments:

Noted that for some people it was very nice to be able to use Webmail rather than Eudora for email, especially on the Macs. They noted that incomplete Microsoft Automatic updates (at Palmer) caused problems on some computers.

045 suggested that it might be good to have a larger selection of text and reference books, especially science or marine text books available in the ships library. The Chief Scientist offered to supply a list of suggested titles if we are interested.

The PI's suggested that perhaps the LTER PI Meeting might possibly be combined with the PAUC meeting this year.

The Captain requested that a copy of the results of the PI Meeting be sent down to the ship for him to review.