

**UNOLS Observatory Working Group Meeting
Holiday Inn - Logan Airport Hotel
Embassy IV Room
February 26, 2003**

Meeting Agenda

0830 Introductions, charge to the working group and meeting goals (Chave)

0845 Deep ocean observatory requirements for UNOLS vessels

- H2O experience (Chave)
- NEPTUNE needs (Massion)
- Cable installation tools (Massion)

0945 Break

1000 Vessel characteristics, possible improvements, and recommendations for new vessel designs (Hill)

1100 ROV and AUV requirements (Yoerger)

1200 Lunch

1245 Mapping requirements (Mayer)

1345 Coastal observatory requirements (Glenn)

1445 Break

1500 Deck handling and mooring deployment/recovery needs (Wooding/Worcester)

1630 Action items and further work (Chave)

On Monday, Feb 17, 2003, at 09:08 US/Eastern, Alan Chave wrote:

To make this meeting and follow-up more efficient, I would like to ask each of you (usually paired with someone else) to consider specific topics and needs and prepare a presentation (approximately 30 minutes) on the subject. The persons and topics are as follows:

1. Gene Massion and Alan Chave: Ocean observatory functional requirements on UNOLS vessels and facilities (i.e., the ocean observatory designer/builder/operator perspective)

2. Wes Hill and Dan Schwartz: Vessel improvements, including requirements for new vessels under consideration. This includes ability to DP in various seastates (i.e., what can we do now with Class 1 vessels, what could we do to existing vessels to improve this, and what should we consider in new ship classes), improvements to deckload and stability, other changes/improvements to ship characteristics relevant to ocean observatories

3. Andy Bowen and Bill Wall: ROV additions and improvements needed for ocean observatories, including coastal use, work vehicle needs, ability to operate in higher sea state than at present, the state of the ROV industry and what they might have to offer.
4. Larry Mayer: Ocean observatory mapping requirements and what equipment on UNOLS vessels will be needed to implement it. This includes a review of the present and expected future state of mapping tools.
5. Scott Glenn and Mike Kosro: Coastal observatory-specific needs. This needs to be preceded by an overview of coastal observatories and how they are installed/serviced to complement what Massion/Chave will present.
6. Beecher Wooding and Ken Smith: Deck handling improvements (e.g., winches and wire, special gear, a-frame changes) for deployment of large packages specific to ocean observatories, including borehole operations.
7. Peter Worcester: Mooring deployment and recovery improvements, including both surface and subsurface moorings (This may need to be closely tied to (6), and could be merged if the three of you think this is appropriate)

Please don't let the topics listed be constraining. If I have missed something important, please let me know.

I think if each of us does some homework as a starting point for discussion, we can have a very constructive one day meeting.

Alan