Agenda for ONR Seabed Characterization Experiment 2016 Workshop IV
Arlington VA June 6–8 2016

Where:
Marine Acoustics Inc.
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Arlington, VA 22203

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Monday, June 6

12:30 Opening Remarks (ONR)

12:45 Introduction (Knobles and Wilson)
Draft ship and experimental logistics: cruises and groupings

1:15 Summary of surveys and findings during summer of 2015 and spring 2016
UTIG Presented by Wilson/Knobles for John Goff and Allen Reed (45 min)
NRL Presented by Allen Reed via Teleconference (45 min)
ARL:UT Kevin Lee and Megan Ballard (15 min)

3:00 Break

3:15 Round table discussion including input on proposed SAMS measurements by Jie Yang

5:00 Adjourn

Tuesday, June 7

8:00 Summary of Monday's session, reminder of scientific goals, goals for today
8:30 Summary of USGS Findings Jason Chaytor
There will be two parallel sessions: (1) Groupings and Ship Logistics, and Experimental Plan for Cruises, and Mooring Positions (GSLMP) and (2) Geology, Geoacoustics, and Measurements needed for inference and inversion techniques (GGMI)

9:00 Goals for GSLMP and GGMI groups (Wilson and Knobles)
The goal for GGMI is to organize the basic geological findings into useful information for planning and analysis of the SBC 2016 experiment which would include geoacoustic profiles with variability. The GGMI group should identify critical future measurements

on cores, and to link the geological measurements with testing of microscopic seabed models such as the grain shearing, house of cards, the transition layer between mud and sand, etc. A goal is to make sure that the measurements proposed by the GSLMP group of PIs are the right ones to test geoacoustic models and inversion/inference techniques.

The goal for GSLMP is to identify scientific groups for individual cruises and the associated deployment and measurement logistics, deployment and measurements for each cruise. Chief scientists for each cruise will be assigned by Wilson and Knobles, and they in turn will generate a strawman experimental plan for that cruise prior to the conclusion of the Workshop. Clearly, the CS for individual cruises will need to integrate/correlate their plans into those of the other cruise CS. Knobles and Wilson will integrate all cruise plans into a revised master experimental plan. The plan will undergo revision based on scientific objectives, priorities, and broadcast schedules. Prior to the end of the Workshop, clear action item issues are to be identified that will allow the experimental and logistics to undergo the critical refinement needed to execute the experiment.

Sometime there will be a discussion with Ray Soukup on environmental compliance and hopefully a discussion with NAVO and UNLOS on SUS deployment.

9:30 GGMI Working Group (Jason Chaytor and Julien Bonnel are group moderators)
9:30 GSLMP Working Group (Knobles and Wilson will provide oversight and moderate discussions when needed)
10:30 Break
10:45 GSLMP Working Group resumes work
10:45 GGMI Working Group resumes work
12:15 Lunch
1:00 Report on GGMI Findings/Recommendations on Measurements Jason Chaytor and Julien Bonnel
1:30 Review of individual experimental cruise plans presented by chief scientists in GSLMP
3:30 Break
3:45 Resume GSLMP Group. GGMI members merge into GSLMP discussions
5:00 Adjourn

Wednesday, June 8

8:00 Broadcast schedules and mitigation of conflicts
10:00 Review 2nd draft of experimental master plan/discussion/revise
12:00 Lunch
1:00 Final Review / Discussion of Experimental Plan/ Action items assigned
4:00 Adjourn