



University-National Oceanographic Laboratory System ~UNOLS~

MLSOC Summer Meeting August 6, 2015





UNOLS & MLSOC Calendar of Activities

UNOLS Annual Meeting- December 3 & 4, (Thur/Fri)- Arlington, VA.

MLSOC- Workshop- “Are Portable Systems Viable”- NSF sponsored workshop on October 6 & 7, 2015- (Tues-Wed.) at NSF/Arlington. 2-day workshop.

MLSOC Winter Meeting at AGU- December 13, 2015-San Fran.- 10am to 5 pm.

AGU- December 14-18, 2015- San Francisco.



Workshop to Evaluate Portable Seismic Systems

The UNOLS Office proposes to conduct a workshop on October 6 & 7, 2015 at NSF to evaluate portable seismic systems as an option for providing the necessary tools to the US scientific community to conduct marine seismic profiling. The workshop will focus on whether ships other than the R/V Marcus Langseth can be outfitted with portable active source seismic systems with sufficient capability to address the highest priority science for the next decade. In addition, the option of using industry vessels to conduct academic research will be investigated.

The two-day workshop of approximately (25) participants will assess the current US marine seismic facilities and try to match them with science goals. As evident in the National Research Council's publication: "Sea Change, 2015-2025 Decadal Survey of Ocean Sciences" and the NSF's response, NSF has a strong commitment to marine seismic research. However it has been suggested that less expensive and equally effective options may exist. NSF would like the workshop to provide an assessment of pros and cons of these options and to match seismic needs with available capabilities.



Agenda

2:00 -2:10 Welcome and Introductions

2:10-2:20 Agency Reports

2:20- 2:45 2015 Operations to date

Hutchinson, Mountain 3D seismic & Gardner ECS

2:45- 3:15 2015 *Marcus Langseth* Schedule & 2016 Letter of Intent

3:15-4:00 Other Topics to discuss

AGU/MLSOC Meeting – Sunday December 13, 2015, San Francisco

Business 10am-12pm & Science 1pm-5pm-

Regional Planning

Sercel Streamer Installation

MLSOC Membership- current vacancy

Developments following the Decadal Survey and NSF Response and
Seismic Workshop-seismic needs and capabilities/facilities- Oct. 6&7.