

# **Marcus Langseth Science Oversight Committee**

**(MLSOC)**

**Sunday December 11, 2016**

**Golden Gate University**

**536 Mission St.- Room 5224**

**San Francisco, California**

## **MLSOC/MSROC AGU 2016 Meeting Agenda Draft**

### **10:00 – 10:45 AM: Business**

- Welcome/overview of meeting objectives
- UNOLS – Update/Charter revision/MSROC status/ Jon Alberts
- Lamont – Operators report on Langseth/Sean Higgins
- Review of MLSOC activities

### **10:45 – 11:30 AM: Langseth science accomplishments and seismic data needs**

- Reece/Christeson – S. Atlantic (20 min)
- Hooft/Toomey – Santorini project (10 min)
- Exp363 and seismic data needs for drilling - Greg Mountain (10 min)

### **11:30-12:15 PM – NSF Report- NSF Program Managers**

### **12:15- 1:00 PM- Lunch**

### **1:00 –1:45 PM - Invited Talk- Science opportunities with Langseth long streamer/OBS – FWI**

**Adrien Arnulf (30 min)**

**- Invited Talk- New Jersey 3D update – Mladen Nedimovic (15 min)**

### **1:45-3:30 Planning the Future- MSROC (getting off the ground)**

- Status and implications – interactions between MLSOC (subcomm), OBSIP, UNOLS and NSF
- Overview of OBSIP – Goals, long-range planning, membership, etc. – Brent Evers
- How much overlap in membership? What are the OBSIP concerns? How will we coordinate meetings, goals, etc.? How will we coordinate MSROC planning and possibly outreach with OBSIP? Annual meetings with international participants

### **Review/Discuss the goals of the MSROC –**

### **Regional planning (3-5 years out for all marine seismic facilities)**

### **Possible model for developing a 5-year regional plan for NSF**

- Call for short expressions of interest from PIs
- Short PI presentations on future interests at Fall MSROC meeting
- Review of IODP seismic needs
- Review Non-NSF funding prospects
- Develop opportunities with international facilities/programs
- Communication/interaction with community on model development

### **International collaboration**

- Developing “how-to” manual to lower barriers for sharing facilities and increasing communication – What needs to go into this and who will do it?
- Development of international collaboration/cooperation – How do we follow-up from Lamont workshop?
- Other ideas?
- Outreach/community feedback

### **3:30 – 3:45 Break**

### **3:45 – 4:15 MSROC (cont.) –**

#### **Early Career Training**

- EAGER proposal for at-sea training for “non-specialists” (Tominaga, 15 min)
- Issues: Only on Langseth? MCS and OBS? Transits or dedicated days? Will the acquisition be driven by science objectives? Classroom training in processing?
- What other efforts are needed for early career marine seismologists training/development?

### **4:15 – 5:00 MSROC (cont.) –**

#### **Langseth regional planning**

Invite presentations on potential future marine seismic science plans beyond 2018 (3 min. overview of locations, facilities needed, and general science goals)

- Overview of submitted letters of interest
- Volunteer PI presentations (PIs give 3 min. overview of locations, facilities needed, and general science goals)
- Short summaries of all other submitted letters of interest
- **Executive session** - Discussions on developing Langseth regional model