



# Marcus Langseth Science Oversight Committee (MLSOC)

## Report to UNOLS Annual Meeting October 23-24, 2012



# MLSOC

## **MLSOC Meetings**

June 20-21, 2012 at Rice University, Houston, TX

December 2, 2012 at AGU, San Francisco, CA

## **Current Areas of Focus**

- Working on Long Coring Study & Glosten Winch Plan
- Geographics Regions to work in
- Distribution of 10 Plus 2 Brochure
- Working with Lamont Doherty Earth Observatory
- Extended Continental Shelf Data Set
- Training the Next Generation
- Advising on Interdisciplinary Science Capabilities and maintain the balance

# 2012 and 2013 Cruises

## 2012- Operating Days- 207

Wiens- Mantle Serpentinization- Mariana Trench- Feb./Mar.

Korenga-Ocean Plate Formation-Shatsky Rise- April

Lynch-Stieglitz- Line Islands/Hawaii- Coring- June/July

Holbrook-Cascadia 2D- Juan de Fuca- July

Butterfield,Tivey,Farr,Zumberge- Jason/Juan de Fuca, Aug  
Maintenance

## 2013 – Operating Days- 159

Canales- 3D Seismics- Mid Atlantic Ridge- Apr/May

Sawyer- 3D Seismics- Galicia, Spain- June/July

# MLSOC Terms of Reference

## Charge-

- Overseeing Scientific Operations of Marcus Langseth
- Fulfill on ombudsman role for all scientific groups in need of high quality geophysical images w/goal of providing state-of-the-art seismic acquisition capabilities
- Lowering the threshold of expertise needed to use the facility
- Increase quality and accessibility of archived data
- Maintaining and Enhancing Langseth capabilities for geophysical and oceanographic research.
- Provide Advice on scientific programs
- Forecast future operations locations
- Help with short term scheduling
- Address user concerns
- Review technical capabilities
- Monitor issues relating to permitting

## **MLSOC Committee Membership- As of 22 October 2012**

Dale Sawyer, Rice University- Chair, MLSOC 03/12 –03/15

Michael Enachescu, Memorial Univ. of Newfoundland 10/06 - 10/12

David W. Scholl, Univ. of Alaska/Fairbanks 02/10 - 02/13

Alexander (Sandy) Shor, U Hawaii 02/10 - 02/13

Paul Baker, Duke University 09/11 - 09/14

Nathan Bangs, UT Austin 02/10 - 02/13

Debbie Hutchinson- USGS- 03/12-03/15

Bill Lang/Resource Access International- 03/12-03/15

Maurice Tivey/WHOI 03/12-03/15

Maya Tolstoy/LDEO- ex officio

Suzanne Carbotte/LDEO- ex officio

Jeff Rupert/LDEO- ex officio, RVTEC rep

Paul Ljunggren/LDEO –ex officio, RVOC rep