



**University-National Oceanographic
Laboratory System**
~UNOLS~

**R/V Langseth & MLSOC/FIC
Report
May 4, 2016**





Sandy Shor was an MLSOC member from 2010 to 2016.

In about 2011, we asked him to serve as the MLSOC member rep to attend the FIC meetings

His term on MLSOC ended in 2016.

We will wait to decide the this after we work through some changes to the MLSOC



Marcus Langseth 2016 Schedule- 177 days, funded by NSF

Reece/TAMU- Mid Atlantic Ocean- 58 days – Jan/Feb 2016

Rychert/Univ. of Southampton- Mid Atlantic Ocean-39 Days- March 2016
(both out of Cape Verde)

Transit to Jacksonville

Maintenance/Shipyard- 9 April to 30 Sept, 2016

Transit to Iquique, Chile for Trehu/OSU- 53 days- 26 Oct to 9 Dec 2016

Transit to Valparaiso for another program -34 days



Marcus Langseth 2017-2018

(2) Programs for NSF around New Zealand. 35 days and a 36 day cruise.

No other STRs in our system for the Langseth. May be some new programs for the August 2017 proposal deadline.



MLSOC Terms of Reference

Specific tasks per the Charter

- **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**
- **Encourage technology expansion and upgrades**



2. PURPOSE

First and foremost, MLSOC fulfills an ombudsman role for all scientific groups in need of high-quality geophysical images, with the goals of providing state-of-the-art seismic acquisition capabilities, lowering the threshold of expertise needed to use the facility, and increasing the quality and accessibility of archived data. Second, the MLSOC is charged with maintaining and enhancing the Langseth's capabilities for general geophysical and oceanographic research, thereby insuring the most cost-effective operation of this unique asset.