

MSROC Summary

Recent MSROC Activities

John Orcutt, Chair

Futures SubCommittee - looking ahead over a decade

Explore future approaches that could impact Langseth replacement

- Lindsay Worthington, Chair, University of New Mexico
- Nathan Miller, University of Texas
- Andrew Gage, University of Texas
- Shuoshuo Han, University of Texas

Monthly meetings with OCE

Gail Christeson (+ Terrence Quinn -> James McManus + Bob Houtman)

- Several meetings have been held to exchange information including progress on the replacement of the R/V Marcus Langseth

Draft Questionnaire for future MCS research

includes requirements for seafloor seismology

- Large scale ship, but not necessarily the refurbishment of another retired commercial multichannel ship
- What are your primary imaging targets? (e.g. long streamer (>5 km) 2D, 4 (or more) streamers for 3D)
- Large-n (≥ 50) short period OBS
- Small-n (≤ 50) short period OBS
- 3D node arrays up to n (?) instruments

Once-militant sea defenders offer
their fleet to science p. 18

Bioresorbable coolers to
block nerve pain pp. 28 & 109

Oceania was peopled in multiple
waves by male migrants p. 72

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UNDERSEA EXPLOSION

The volcanic eruption in Tonga heard
around the world pp. 30, 91, & 95

