

The background image shows a large white fishing vessel named 'MARCUS G. LANGSETH' docked at a pier. The ship has a red upper hull section and a white lower hull section. It features multiple decks, a complex rigging system with masts and antennas, and a prominent cabin structure. The ship is moored with ropes and is situated in a harbor or dock area. The overall scene is somewhat overcast and the image has a slightly faded, semi-transparent appearance.

MLSOC Report to
UNOLS Council

La Jolla, CA
21 March 2007

W. Steven Holbrook,
MLSOC Chair

MLSOC Goals

- Provide state-of-the-art seismic acquisition capabilities.
- Lower the threshold of expertise needed to use facility
- Increase the quality and accessibility of archived data

MLSOC Charge

- Provide advice on scientific programs.
- Forecast future operations locations.
- Help with short-term scheduling.
- Address user concerns.
- Review technical capabilities.
- Monitor permitting issues.
- Encourage technology upgrades/expansions.
- Report to UNOLS.

Galveston Meeting 19-20 March 2007

- Steve Holbrook, Univ. Wyoming
- Tom Shipley, UTIG
- Paul Johnson, Univ. Washington
- Mitch Lyle, TAMU
- Peter Littlewood, Shell
- Ray Schmitt, WHOI
- Nancy Grindlay, UNCW
- Peter Tyack, WHOI

Key Issues (1)

Staffing of cruises: 3D, 2D, OBS, and general

=> Critical not to lowball this

Shipboard processing needs

=> Navigation crucial

=> Hardware, software will be in place

=> Shipboard processor may be desirable for some cruises

Lowering the threshold for user expertise

=> Difficult but important

Key Issues (2)

Shakedown Cruise

- => Cruise plan extremely tight
- => Danger of 3D test dropping out

Marine Mammal Observation

- => LDEO and NSF need to lead on this
- => Langseth should be a prime MMO platform

Ombudsman role

- => Web site/AGU meeting/direct PI contact

Long-Range Planning

- => Difficult; Communicate pending sites