

Acoustics in the Marine Environment

Chair: Bill Lang, Minerals Management Service
Co-Chair: Ron Brinkman, Minerals Management Service
Tuesday Afternoon, January 11, 2005

- 1:30 – 1:50** **Opening Remarks – Marine Mammals and Acoustic Concerns**
David Cottingham
Marine Mammal Commission
- 1:50 – 2:10** **Industry Seismic Operations in the Gulf of Mexico**
Jack Caldwell
Consultant
- 2:10 – 2:40** **Calibration of the Kondor array using the LDEO Spar Buoy**
Maya Tolstoy and John Diebold
Lamont-Doherty Earth Observatory
- 2:40 – 3:00** **Break**
- 3:00 – 3:30** **Seismic Airgun Calibration Using EARS Buoys**
Joal Newcomb, Naval Research Laboratory
William Sanders, Grayson Rayborn, James Stephens, George Ioup,
and Natalia Sidorovskaia
University of New Orleans, University of Southern Mississippi
- 3:30 – 4:00** **Bottom Moored Hydrophone Measurements of Gulf of Mexico
Ambient Noise During Storms**
Joal Newcomb and Mark Snyder
Naval Research Laboratory
- 4:00 – 4:30** **Analysis of Bottom Moored Hydrophone Measurements of Gulf of
Mexico and Mediterranean Sea Sperm Whale Phonatons**
Stan Kuczaj, Christopher Walker or Grayson Rayborn, George
Ioup, Natalia Sidorovskaia, and Juliette Ioup
University of Southern Mississippi
University of New Orleans

POSTERS

MANTA - the Marine Animal Tracking Apparatus: A New Acoustic/Radio Telemetry and Data-Logging System for Real-time Underwater Tracking of Marine Mammals

Tom Norris
SAIC

Trends in Underwater Glider Technology for Long-term Persistent Surveillance Applications

Aaron Thode, Scott Jenkins, and Gerald D'Spain
Scripps Institute of Oceanography

Numerical Modeling of Seismic Airgun Array Sound Propagation in a Waveguide

Aaron Thode, Del Bohnenstiehl, John Diebold, and Maya Tolstoy
Scripps Institute of Oceanography