

# Technical Announcement

U. S. Department of the Interior  
Bureau of Ocean Energy  
Management, Regulation and Enforcement  
Gulf of Mexico OCS Region

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## ***Status and Applications of Acoustic Mitigation and Monitoring Systems for Marine Mammals: Workshop Proceedings***

### **[OCS Study BOEMRE 2011-002](#)**

The Bureau of Ocean Energy Management, Regulation and Enforcement (BOEMRE), Gulf of Mexico OCS Region, announces the availability of a new study report, *Status and Applications of Acoustic Mitigation and Monitoring Systems for Marine Mammals: Workshop Proceedings*.

The objectives of the 2009 “Workshop on the Status and Applications of Acoustic Mitigation and Monitoring Systems for Marine Mammals” were stated as follows:

“Learn about, discuss and better understand the current status of acoustic hardware and software tools for marine mammal monitoring and mitigation as applied to offshore industries. This will include the capability, applicability, feasibility, availability, cost, and other benefits and limitations of acoustic systems as they pertain to different marine mammal and operational contexts. The discussion will focus on currently available acoustic systems, along with some potentially beneficial applications under development.”

Five experts in marine bioacoustics, marine mammal biology and conservation, or industry operations were asked to serve as advisors in planning this workshop and ensuring that it achieved meaningful results. They were Dr. Christopher W. Clark, Cornell University; Dr. William T. Ellison, Marine Acoustics, Inc; Dr. Bill Streever, BP; Dr. Brandon L. Southall, Southall Environmental Associates, Inc. and University of California, Santa Cruz; and Dr. Howard Rosenbaum, Wildlife Conservation Society. These experts provided context about the different types of underwater acoustic monitoring technology, regulatory requirements, environmental factors including implications for potential population and ecosystem baselines and impacts, and other related activities so that this workshop would complement previous work.

Following a workshop with such ambitious objectives, consolidation of key conclusions is obviously valuable, but a challenging step toward closure; valuable because few if any participants would have been able to capture all of the key conclusions on their own, but challenging because of inherent complexity.

This report is available only in compact disc format from the Bureau of Ocean Energy Management, Regulation and Enforcement, Gulf of Mexico OCS Region, at a charge of \$15.00, by referencing OCS Study BOEMRE 2011-002. The report may be downloaded from the BOEMRE website through the [Environmental Studies Program Information System \(ESPIS\)](#). You will be able to obtain this report also from the National Technical Information Service in the near future. Here are the addresses. You may also inspect copies at selected Federal Depository Libraries.

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