

COMMITTEE ON NATURAL RESOURCES
114th Congress Disclosure Form
As required by and provided for in House Rule XI, clause 2(g)(5)

“The Fundamental Role of Safe Seismic Surveying in OCS Energy Exploration and Development”

July 14, 2015

For Individuals:

Name:
Address:
Email Address:
Phone Number:

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For Witnesses Representing Organizations:

Name: Dr. Robert (Bob) Gisinier
Name of Organization(s) You are Representing at the Hearing: Intl. Assn. of Geophysical Contractors
Business Address: [REDACTED]
Business Email Address: [REDACTED]
Business Phone Number: [REDACTED]

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For Nongovernment Witnesses ONLY:

1. Please attach/include current curriculum vitae or resume.

2. Please list any federal grants or contracts (including subgrants or subcontracts) related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the source and amount of each grant or contract.

None.

3. Please list any contracts or payments originating with a foreign government related to the subject matter of the hearing that were received in the current year and previous two calendar years by you or the organization(s) you represent at this hearing, including the amount and country of origin of each contract or payment.

None.

ROBERT C. GISINER



Education

1985. Ph.D., Biology. University of California, Santa Cruz
1974. B.S., Biology. California State University, Hayward (East Bay)

Experience

2014-present: Director, Marine Environmental Science and Biology
International Association of Geophysical Contractors
1225 North Loop West, Ste. 220
Houston, TX 77008
Responsibilities: advise membership on scientific issues related to underwater sound and its effects on marine life.

2013-2014: R&D Program Manager
Naval Facilities Command EXWC EV
1000 23rd Avenue
Port Hueneme CA 93043
Responsibilities: initiate and manage a program of applied research to transition new science and technologies to application by the US Navy environmental compliance programs.

2010-2012: Marine Biologist
Chief of Naval Operations, N45 (Energy & Environmental Readiness Division)
2000 Navy Pentagon, 2D253
Washington DC 20350
Responsibilities: assist with the development and shaping of US Navy policy and practices with regard to the effects of Navy acoustic activities on marine life.

2007-2010: Scientific Program Director
Marine Mammal Commission
4340 East-West Highway, Room 700
Bethesda MD 20815
Responsibilities: monitor advances in marine mammal science relevant to the Commission's responsibilities, fund research, interpret science for policy and decision makers.

1993-2007: Science & Technology Program Manager
Office of Naval Research, Code 322
875 North Randolph Street, Ste. 1425, Arlington, VA 22203-1995

Supervisor: Dr. Frank Herr (Dept Head, Ocean Science) (tel 703-696-4125)
Responsibilities: established and grew the first basic research program on marine mammals and acoustics.

1990 – 1993: Scientist
Space and Naval Warfare Systems Center
Code D35, Marine Mammal Research and Development Branch
53560 Hull Street, San Diego, CA 92152
Supervisor: Dr. Paul Nachtigall (808-247-5297)(now at U of Hawaii)
Responsibilities: conducted research on dolphin biosonar and the learning abilities of marine mammals.

1985-1990: Post-doctoral Researcher and Lecturer.
Institute of Marine Sciences
University of California
Santa Cruz, CA 95064.
Responsibilities: Performed basic research on marine mammal learning and cognition, wrote grant proposals, published peer reviewed papers, mentored students. Taught classes in Comparative Marine Vertebrate Biology, Sociobiology, and Animal Behavior.

Honors, Fellowships, Awards:

- 2010 Letter of Appreciation (Scientific Advisory Board), North Pacific Research Board.
- 2007 Letter of Appreciation (Executive Board), Executive Director, North Pacific Research Board.
- 2004 Letter of Appreciation, Executive Director of the U.S. Marine Mammal Commission.
- 2004- ONR Certificates of Commendation, (2004, 2001, 2000, 1998, 1995).
- 2001 Navy Meritorious Civilian Service Award
- 1994 Letter of Appreciation. COMSPAWARSYSCOM, 1994 (SURTASS LFA program).
- 1994 Letter of Appreciation. Commander in Chief, Pacific Fleet (USS John Paul Jones shock trials).
- 1992 Certificate of Appreciation, Dept. of Commerce. (Steller Sea Lion Recovery Planning Team).
- 1980 NIH Summer Biomedical Fellowship
- 1976 Chancellor's Graduate Fellowship, University of California, Santa Cruz.
- 1974 Graduation, Summa cum laude. California State University, Hayward (East Bay).

Workshops, Symposia, Reviews Organized/Sponsored

- First Navy Living Marine Resources program In-Progress Review. Port Hueneme CA. Oct 2012
- Intergovernmental Meeting on the Effects of Sound in the Ocean on Marine Mammals, La Spezia, Italy. (2005, 2007).
- External Board of Visitors Review of Navy Marine Mammal S&T Programs. March 2005, Arlington VA (Co-organizer).
- National Research Council Ocean Studies Board reviews of Marine Mammals and Ocean Noise (sponsor).
 - 1994. Marine Mammals and Low Frequency Sound: Current Knowledge and Research Recommendations.
 - 2000. Marine Mammals and Low Frequency Sound.

- 2003. Ocean Noise and Marine Mammals.
- 2005. Marine Mammal Populations and Ocean Noise: Determining When Noise Causes Biologically Significant Effects.

Recent Invited Talks/Presentations/Briefings (partial list)

2013:

"The Sea Finds Its Voice: Changes in the Scientific Understanding of Sound and Marine Life from 1993 to 2013. Invited Presentation, Cetacean echolocation and outer space neutrinos: ethology and physics for an interdisciplinary approach to underwater bioacoustics and astrophysical particles detection. 18-21 October, 2013, Erice, Sicily.

"Are Models of Masking Useful Regulatory Metrics?" Invited presentation, 3rd International Conference on the Effects of Underwater Noise on Marine Life. 12-16 August 2013. Budapest, Hungary.

"Development Planning for Test and Training Data Sets for Automated Signal Processing Systems". Session chair and discussion leader, 6th International Workshop on the Detection, Classification, Localization and Density Estimation of Marine Mammals. Univ. of St. Andrews, Scotland, UK. 12-15 June 2013

2012:

"The U.S. Navy's Approach to Risk Assessment, Monitoring, and Mitigating Effects from Underwater Sound", European Conference on Underwater Acoustics, 2-6 July 2012, Edinburgh, UK

"Navy Integrated Comprehensive Monitoring Program (ICMP)", Department of Energy Mid-Atlantic Wildlife Surveys, Modeling, and Data: Workshop to Establish Coordination & Communication, 24-25 July 2012, NOAA HQ, Silver Spring MD

Recent Publications

Gisiner, R and G Frisk. 2011. Long-term and cumulative effects of acoustic exposure along with other stressors. Proceedings of the 2nd International Conference on the Biological Effects of Anthropogenic Underwater Sound. Springer, New York, NY.

Kloepper, L., P. Nachtigall, R. Gisiner and M Breese. 2010. Decreased echolocation performance following high frequency hearing loss in the echolocating false killer whale (*Pseudorca crassidens*). *J Exptl Biol*, 213:3717-3722.

D'Amico, A., Gisiner, R. and 5 others. 2009. Beaked whale strandings and naval activities. *Aquatic Mammals* , 35: 452-472.

Gisiner, R., E. Livingston, and S. Harper. 2006. The ESME underwater noise risk assessment model. *IEEE J Ocean Engr*. 31:4-7.

Barlow, J., and R. Gisiner. 2006. Mitigating, monitoring, and assessing the effects of anthropogenic sound on beaked whales. *J. Cetacean Rsch. Mgmt*. 7:239-249.

References and Reprints Available upon request.