WORKING GROUP ON THE EFFECTS OF SOUND ON FISH AND TURTLES

Annual Report:
November 2006 – October 2007

SUBMITTED TO:
National Science Foundation

SUBMITTED BY:
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Mote Marine Laboratory Technical Report No. 1397

July 5, 2007

Principal Investigator: Popper, Arthur N.
Organization: Mote Marine Lab
Title: Working Group on the Effects of Sound on Fish and Turtles

Project Participants

Senior Personnel

Name: Popper, Arthur
Worked for more than 160 Hours: Yes
Contribution to Project:

Name: Fay, Richard
Worked for more than 160 Hours: Yes
Contribution to Project:

Name: Tavolga, William
Worked for more than 160 Hours: Yes
Contribution to Project:

Post-doc

Graduate Student

Undergraduate Student

Technician, Programmer

Other Participant

Research Experience for Undergraduates

Organizational Partners

Other Collaborators or Contacts

Activities and Findings

Research and Education Activities:
We have conducted several meetings over the past year that have moved us forward to come up with what will be a report on standards for fish and turtle effects of anthropogenic sound. During the meetings, we have identified the relevant literature (several hundred papers), cataloged the papers with respect to their specific topics, and uses these to draft an initial portion of our report.

Findings:
There are no real findings to speak of since we are doing a review of the literature. What is clear, however, is the lack of data on the topics
involved, and the need for more research. One part of our final review will be to develop a set of research recommendations on the topics of relevance.

**Training and Development:**
The members of the panel have developed a much better understanding of the relationship between the basic science most have been doing and using the information in an applied arena. They have also started to think through the applied relevance of their research.

**Outreach Activities:**
At this point, none since we do not want to make our work public until we have achieved a point where we can make recommendations that we can support strongly. Premature information to the public could result in individuals and groups using our findings in ways that would not be correct or useful or accurate.

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**Journal Publications**

**Books or Other One-time Publications**

**Web/Internet Site**

**Other Specific Products**

**Contributions**

**Contributions within Discipline:**

**Contributions to Other Disciplines:**

**Contributions to Human Resource Development:**

**Contributions to Resources for Research and Education:**

**Contributions Beyond Science and Engineering:**

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**Special Requirements**

*Special reporting requirements:* None

*Change in Objectives or Scope:* None

*Animal, Human Subjects, Biohazards:* None

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**Categories for which nothing is reported:**

Organizational Partners
Any Journal
Any Book
Any Web/Internet Site
Any Product
Contributions: To Any within Discipline
Contributions: To Any Other Disciplines
Contributions: To Any Human Resource Development