Presentation at the Second Plenary Meeting of the Advisory Committee on Acoustic Impacts on Marine Mammals 28-30 April 2004 Arlington, Virginia

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Subcommittee on Assessment/Synthesis of Current Knowledge

Who are we?

- Jack Caldwell
- Gerald D'Spain
- Roger Gentry
- Bob Gisiner
- John Hildebrand
- Rodger Melton

- Jim Kendall
- Jim Miller
- Paul Nachtigall
- Naomi Rose
- Peter Tyack
- David Cottingham

Our Task:

- To review and evaluate current knowledge on the impacts of anthropogenic sound on marine mammals, marine mammal populations, and other components of the marine environment
- 2. Identify areas of general scientific agreement and areas of uncertainty or disagreement related to such impacts

Subcommittee Activities

Conference Call (February 26)

- Clarified charge
- TASK: Given a list of topics (drawn from NRC reports),
 each member to identify what is known/agreed, what is uncertain, where there is disagreement and submit

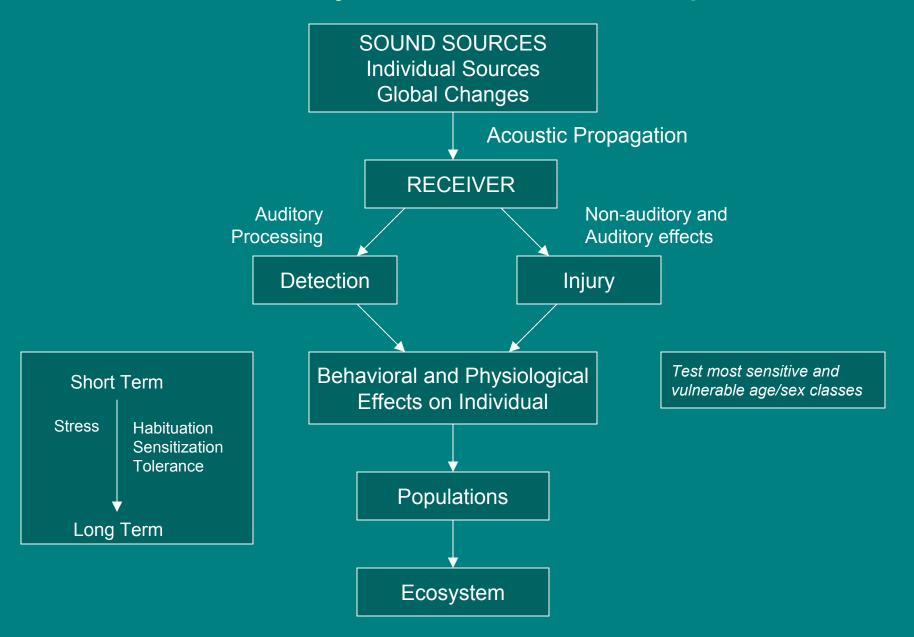
Meeting (April 1)

- Clarified vision for product
- Revisited framework of topics
- Review of members' input on one topic (Auditory Trauma) and developed 1st joint draft

Proposed Vision for Product

- The goal of the product should be to serve as a tutorial document, NOT a comprehensive scientific product
- Target audience of Congress and staff, managers and decision makers (also useful and informative to judges, interest groups and other interested and involved parties)
- Identifies what topics and information need to be considered (and why)
- Translates existing information into a form that is accessible, useful and informative
- Makes summary statements regarding current knowledge: what is agreed to be known, what is uncertain, where there is disagreement, and why these are significant

Preliminary Framework of Topics



Products to Date

1. Summary of April 1 Meeting

- 2. Working Draft of 1st topic: Auditory Impacts (A WORK IN PROGRESS)
 - Reflects subcommittee's effort to articulate summary statements of agreement on what is known, what is uncertain, and where there is disagreement
 - Still needs explanatory language to illustrate significance to decision makers

NEXT STEPS & ISSUES

- Seeking green light from full Committee to move forward with vision as described
- 2. Working to clarify scope and focus of ecosystem impacts for purposes of this effort
- 3. Meeting June 3rd
 - Will meet briefly today after Full Ctte adjourns to plan activities between now and June 3rd
- 4. Concerns re: timing for getting a full draft product to Full Ctte by July