

THE NATIONAL ACADEMIES

Advisers to the Nation on Science, Engineering, and Medicine

AGENDA

OCEAN STUDIES BOARD

Fiftieth Meeting

Hosted by the International Pacific Research Center (IPRC)

School of Ocean and Earth Science and Technology/ University of Hawaii

East-West Center

Imin Conference Center – Asia Room

1777 East-West Rd.

Honolulu HI 96822

March 5-7, 2003

Wednesday, March 5, 2003

OPEN SESSION

BREAKFAST ON YOUR OWN

7:30 a.m. **Leave Hotel for Site visit to Pearl Harbor and the USS Arizona**

12:00 noon ***LUNCH AT EAST -WEST CENTER***

1:00 p.m. **Introductions and Opening Remarks – *Nancy Rabalais, OSB Chair***

1:15 p.m. **Assessing and Managing Abandoned and Submerged Vessels – *E. Doyle/D. Walker*** **TAB 1**

1:30 p.m. **NEW OSB REPORT** **TAB 2**

Decline of the Steller Sea Lion in Alaskan Waters – *Robert Paine/S. Roberts*

2:15 p.m. ***BREAK***

2:30 p.m. **SPECIAL SESSION** **TAB 3**

Tunas, Turtles, and Western Pacific Fisheries

- Re-Markable Earmark: The Pelagic Fisheries Research Program - *John Sibert*, JIMAR, University of Hawaii
- Integrating field and laboratory experiments to improve data used for fishery management: the Bigeye Tuna example - *Richard Brill*, Virginia Institute of Marine Sciences
- Send out the Turtle Fleet! - *Jeffrey Polovina*, National Marine Fisheries Service

4:00 p.m. **NEW OSB REPORT** **TAB 4**

Environmental Information for Naval Warfare – *P. Tobin/D. Walker*

4:30 p.m. **Adjourn for the day**

6:00 p.m. **Working Dinner** – Hilton Hawaiian Village/Rainbow Tower-Rainbow Lanai Restaurant

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Thursday, March 6, 2003

OPEN SESSION

7:30 a.m. *BREAKFAST, EAST-WEST CENTER*

8:30 a.m. **NEW OSB REPORT** **TAB 5**

Ocean Noise and Marine Mammals – *Gerald D'Spain/Jack Caldwell/A. Baggeroer*

9:00 a.m. **SPECIAL SESSION**

Recent Developments Involving Noise and Marine Mammals

(Note: This session will be teleconferenced with the UNOLS meeting in San Diego.)

Jim Yoder (NSF), Mel Briscoe (ONR), Roger Gentry (NOAA), and Whitlow Au (Univ. of Hawaii) will begin with short presentations on recent developments.

10:00 a.m. *BREAK*

10:20 a.m. **SPECIAL SESSION (continued)**

Discussion open to all participants: Is there a useful role for the OSB?

11:20 a.m. **COMMISSION UPDATES** **TAB 7**

- **U.S. Commission on Ocean Policy**
 - Progress of the draft commission report
 - WHOI study on past NRC recommendations
- **Pew Oceans Commission**

12:00 p.m. *LUNCH, EAST-WEST CENTER*

12:45 p.m. **LUNCH SPEAKER:** **TAB 8**

Hawaii Ocean Time-series: It's HOT! – *Dave Karl*, University of Hawaii

1:30 p.m. **Potential New OSB Activities** **TAB 9**

- Carbon Sequestration – *M. Kastner/M. Gopnik*
 - Coral Reef Science and Policy - *J. Merrill*
 - Improving Marine Fisheries Governance– *J. Sutinen/S. Roberts*
 - Mitigating Shore Erosion Along Sheltered Coasts – *J. Bintz*
 - Ocean Education – *N. Targett*
 - Development of New Sensors and Samplers for Ocean Observatory Science–
M. Kastner/J. Bintz
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- Review of Activities Authorized Under the Methane Hydrate Research and Development Act of 2000– *D. Walker*
- The Role of Aquaculture in Marine Fisheries – *S. Roberts*
- Defining Best Available Science for Fisheries Management – *S. Roberts*
- Information on Human Relationships to Coastal and Marine Environments – *J. Sutinen/S. Roberts*
- Other Planned Fisheries Activities – *S. Roberts*
- Other Planned Engineering and Technology Activities – *E. Doyle/D. Walker*
- Other New Project Ideas

3:30 p.m. ***BREAK***

3:45 p.m. **Review of Ongoing Activities**

TAB 10

- Assessment of the U.S. Army Corps of Engineers' Methods of Analysis and Peer Review (joint with WSTB) – *J. Dandelski*
 - Cooperation between the Ocean Community and the State Department – *N. Rabalais/J. Merrill*
 - Cooperative Research in the National Marine Fisheries Service – *R. Deriso/T. Schaefer*
 - Exploration of the Seas - *E. Doyle/J. Merrill*
 - Future Needs in Deep Submergence Science – *D. Walker*
 - Implementation of a Seafloor Observatory Network for Oceanographic Research – *A. Baggeroer/J. Bintz*
 - National Needs for Coastal Mapping and Charting (joint with BESR) – *R. Lewis/T. Schaefer*
 - Non-native Oysters in the Chesapeake Bay (joint with BLS) – *N. Targett/S. Roberts*
 - Restoration and Protection of Coastal Louisiana – *S. Nixon/J. Bintz*
 - Review of the U.S. Climate Change Science Program Strategic Plan – *J. McCreary/M. Gopnik*
 - A Science Plan for the North Pacific Research Board – *J. McCreary/T. Schaefer*
 - Status and Future of Atlantic Salmon in Maine (joint with BEST) – *J. Sutinen/S. Roberts*
 - Workshop on Ocean Energy – *E. Doyle/J. Dandelski*
 - U.S. National Committee to SCOR – *R. Duce/J. Merrill*
 - Updates from other Boards: BASC, MB, and PRB
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5:00 p.m. ***ADJOURN FOR THE DAY***

5:45 p.m. **NEW MEMBER ORIENTATION** – All OSB Members are welcome to attend – Hilton Hawaiian Village – Location to be announced

DINNER ON YOUR OWN

Friday, March 7, 2003

CLOSED SESSION UNTIL NOON

7:30 a.m. ***BREAKFAST EAST -WEST CENTER***

8:30 a.m. **Board Business**

TAB 11

- Annual NRC review of Bias and Conflict of Interest
- Detailed review of ongoing projects
 - Implementation of a Seafloor Observatory Network - Baggeroer/Bintz
 - Cooperative Research in the NMFS - Deriso/Schaefer
- Action items from November meeting
- Ocean budget tracking
- Future OSB meetings: scheduling, topics, and speakers
- 2003 Revelle lecture
- Other Business

OPEN SESSION

12:00 p.m. ***LUNCH***

Afternoon **Tour of RV *Kilo Moana*** (Details will be posted)

Saturday, March 8, 2003

9:00 a.m. – 5:00 p.m. Optional Field Trip to the Volcano Observatory on the Big Island with USGS guides
