

**U.S. ENVIRONMENTAL PROTECTION AGENCY
SCIENCE ADVISORY BOARD
Ecological Processes and Effects Committee Augmented for the
Ballast Water Advisory
Public Meeting, July 29-30, 2010**

**St. Regis Hotel, 923 16th Street, N.W.
Washington, DC 20006**

AGENDA

Thursday, July 29, 2010

- 9:00 - 9:10 a.m. **Meeting Convened by the Designated Federal Officer**
Dr. Thomas Armitage
- Welcoming Remarks**
Dr. Anthony Maciorowski, Deputy Director
EPA Science Advisory Board Staff Office
- 9:10 - 9:20 a.m. **Purpose of the Meeting and Review of Agenda**
Dr. Judith Meyer, Chair
- 9:20 - 9:40 a.m. **Overview of EPA Activities to Regulate Ballast Water
Discharge to Minimize the Impact of Nonindigenous Species**
Ms. Deborah Nagle, Associate Director
Water Permits Division
EPA Office of Water
- 9:40 – 10:30 **Technical Background Presentation: Overview of Ballast
Water Treatment Systems and Technologies**
Dr. Ryan Albert
Water Permits Division
EPA Office of Water
- Dr. Richard Everett
Environmental Standards Division
U.S. Coast Guard
- 10:30 - 10:45 **BREAK**
- 10:45 – 12:00 **Technical Background Presentation: Overview of Ballast
Water Treatment Systems and Technologies (continued)**

- 12:00 noon - 1:00 p.m. **LUNCH**
- 1:00 - 1:30 p.m. **Public Comments**
- 1:30 – 3:30 p.m. **Committee Discussion of the Performance of Shipboard Systems**
 Lead Discussants: Dr. Lisa Drake, Dr. Mario Tamburri,
 Dr. Nicholas Welschmeyer
- Performance of shipboard systems with available effluent testing data
 - Potential performance of shipboard systems without reliable testing data
- 3:30 - 3:45 p.m. **BREAK**
- 3:45 - 5:00 p.m. **Committee Discussion of Ballast Water Treatment System Development**
 Lead Discussants: Dr. Fred Dobbs, Mr. Kevin Reynolds,
 Dr. Charles Haas, Mr. Edward Lemieux
- Technological constraints and other impediments
 - Addressing constraints and improving system performance
- 5:00 p.m. **Recess for Day**

Friday, July 30, 2010

- 8:30 - 10:30 a.m. **Committee Discussion of Limitations of Available Data and Future Assessment Needs**
 Lead Discussants: Dr. Andrew Cohen, Dr. David Lodge,
 Dr. JoAnn Burkholder
- 10:30 - 10:45 a.m. **BREAK**
- 10:45 a.m. - 12:00 noon **Summary of the Issues Discussed**
 Dr. Judith Meyer and Committee
- 12:00 - 1:00 p.m. **LUNCH**
- 1:00 - 2:00 p.m. **Identification of Additional Issues to be Discussed and Planning for Next Meeting**
 Dr. Judith Meyer and Committee
- 2:00 p.m. **Adjourn**