



Terry Tamminen  
Agency Secretary

# Air Resources Board

Alan C. Lloyd, Ph.D.  
Chairman  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Arnold Schwarzenegger  
Governor

October 19, 2004

Dear Sir or Madam:

The California Air Resources Board (ARB/Board) staff invites you to participate in a series of four public meetings related primarily to the maritime industry. Two public workshops will be conducted to discuss possible regulatory activities to reduce emissions from both cargo handling equipment at ports and intermodal rail yards, and from auxiliary engines on oceangoing vessels. ARB staff will also conduct a public consultation meeting regarding the feasibility of shore-based power (electrical plug-in of auxiliary engines) for oceangoing ships. In addition, the Maritime Air Quality Technical Working Group (Maritime Working Group) will conduct a brief meeting to discuss recent maritime related activities. The meetings will be held at the following dates, times, and location:

**Location for all meetings:**

California Environmental Protection Agency  
Sierra Hearing Room  
1001 I Street  
Sacramento, California 95812

**November 9, 2004:**

Shore-Based Power Meeting 9:30 AM - 4:30 PM

**November 10, 2004:**

Maritime Working Group Meeting 9:00 AM - 10:30 AM

Public Workshop for Cargo Handling Equipment at Ports and Intermodal Rail Yards 10:45 AM – 12:30 PM

Public Workshop for Oceangoing Ship Auxiliary Engines 1:30 PM – 3:00 PM

A draft agenda for the Public Consultation Meeting to Discuss Feasibility of Providing Shore-Based Electrical Power to Ships while Docked is attached to this notice. During this meeting, there will be presentations addressing various aspects of shore-based power including actual in-use experience with installation and operation of shore-based power

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our Website: <http://www.arb.ca.gov>.*

California Environmental Protection Agency

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and future energy supply. Opportunity will be provided to hear the perspectives of environmental groups, local air pollution control districts, the ports, and others that are associated with oceangoing ships and their operation at dockside. There is also time set aside for presentations by others that may have interest in shore-based power issues. If you are interested in speaking during this portion of the agenda, please contact Mr. Alex Santos, Staff Air Pollution Specialist, at (916) 327-5638.

Draft agendas for the Maritime Working Group and the two public workshops are also attached to this notice. During the Maritime Working Group meeting, there will be updates on a proposal by the Air Resources Board that would require intrastate locomotives and marine harbor craft to use CARB on-road diesel fuel. Also discussed will be the collaboration underway to demonstrate a fuel emulsification system on an ocean-going ship and the preliminary results from a study that evaluated various emission control systems on a commonly used harbor craft engine. In the Cargo Handling Workshop we will discuss preliminary regulatory concepts for reducing emissions from cargo handling equipment at ports and intermodal rail yards. We will also review the survey being developed to collect inventory and activity data for cargo handling equipment. During the workshop on ship auxiliary engines, we will continue discussion on the proposal released earlier this year that called for ships at dock to use cleaner fuels.

The final agendas, presentations, as well as any additional materials will be available prior to the meetings at the web site addresses below:

Cargo Handling Equipment: <http://www.arb.ca.gov/cargo>

Maritime Working Group, Oceangoing Ship Auxiliary Engines, and Shore-Based Power: <http://www.arb.ca.gov/marine>.

For those unable to attend in person, a live internet audio broadcast will be available. The broadcast can be accessed on the day of the meeting or workshop at <http://www.calepa.ca.gov/broadcast/>. If you have a disability-related accommodation need, please go to <http://www.arb.ca.gov/html/ada/ada.htm> for assistance or contact the ADA Coordinator at (916) 323-4916. If you are a person who needs assistance in a language other than English, please go to <http://www.arb.ca.gov/as/eo/languageaccess.htm> or contact the Bilingual Coordinator at (916) 324-5049.

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We welcome your participation in these efforts. If you have general questions regarding the public meetings, please contact Ms. Lisa Williams, Air Pollution Specialist, at (916) 327-1498 or via e-mail at [lwilliam@arb.ca.gov](mailto:lwilliam@arb.ca.gov), or Ms. Peggy Taricco, Manager, Technical Analysis Section, at (916) 327-7213 or via e-mail at [ptaricco@arb.ca.gov](mailto:ptaricco@arb.ca.gov).

Sincerely,

/s/

Daniel E. Donohoue, Chief  
Emissions Assessment Branch

#### Attachments

cc: Mr. Alex Santos  
Staff Air Pollution Specialist  
Stationary Source Division

Ms. Lisa Williams  
Air Pollution Specialist  
Stationary Source Division

Ms. Peggy Taricco, Manager  
Technical Analysis Section  
Stationary Source Division

Attachment

**Public Consultation Meeting to Discuss  
Feasibility of Providing  
Shore-Based Electrical Power to Ships while Docked**

**November 9<sup>th</sup>, 2004**

**9:30 AM – 4:00 PM (PDT)  
Sierra Hearing Room  
1001 I Street  
Sacramento, California 95814**

**Draft Agenda**

- 1. Welcome and Introductions**
- 2. Overview of ARB's Plan to Evaluate the Feasibility of Shore-Based Power**
- 3. Discussion of Ship Activity at California Ports**
- 4. Description of Shore-Based Power Systems**
  - **Container Ship Systems**
    - China Shipping Terminal at the Port of Los Angeles
    - NYK Terminal at the Port of Los Angeles
  - **Tanker Ship Systems**
    - British Petroleum Terminal at the Port of Long Beach
- 5. Discussion of the Long-Range Impact of Shore-Based Power Systems on California's Energy Supply**
- 6. Perspectives on Shore-Based Power**
  - **Environmental Groups**
  - **Districts**
  - **U.S. Coast Guard**
  - **Pacific Merchant Shipping Association**
  - **Labor Groups**
  - **Ports**
- 7. Presentations by Others**
- 8. Next Steps**

Attachment

**Maritime Air Quality Technical Working Group**

**November 10<sup>th</sup>, 2004**

**9:00 AM – 10:30 AM (PDT)  
Sierra Hearing Room  
1001 I Street  
Sacramento, California 95814**

**Draft Agenda**

- 1. Welcome and Introductions**
- 2. ARB Updates**
- 3. ARB Proposal to Require Use of CARB Diesel by Intrastate Locomotives and Harbor Craft**
- 4. EPA Updates**
- 5. Ship Demonstration Project**
- 6. Results from U.S. Navy Demonstration Program**

Attachment

**Public Workshop to Discuss Reducing Emissions from  
Diesel-Fueled Cargo Handling Equipment  
at Ports and Intermodal Rail Yards**

**November 10<sup>th</sup>, 2004**

**10:45 AM – 12:30 PM (PDT)  
Sierra Hearing Room  
1001 I Street  
Sacramento, California 95814**

**Draft Agenda**

- 1. Welcome and Introductions**
- 2. Cargo Handling Survey**
- 3. Feasibility of Using On-Road Engines in Port Equipment  
(*Tentative*)**
- 4. Preliminary Regulatory Concepts**
- 5. Proposed Emission Test Plan for Yard Hostlers**

Attachment

**Public Workshop to Discuss  
Reducing Emissions from Ship Auxiliary Engines while in California  
Coastal Waters**

**November 10<sup>th</sup>, 2004**

**1:30 PM – 3:30 PM (PDT)  
Sierra Hearing Room  
1001 I Street  
Sacramento, California 95814**

**Draft Agenda**

- 1. Introductions and Welcome**
- 2. Ship Survey**
- 3. Draft Regulatory Language**
- 4. Open Discussion**