



Linda S. Adams
Secretary for
Environmental Protection

Air Resources Board

Robert F. Sawyer, Ph.D., Chair
1001 I Street • P.O. Box 2815
Sacramento, California 95812 • www.arb.ca.gov



Arnold Schwarzenegger
Governor

June 28, 2007

TO: All Interested Parties

TOPIC: Maritime Air Quality Technical Working Group: Focus on Fuel Switching

Dear Sir or Madam:

The California Air Resources Board (ARB/Board) staff invites you to participate in our next Maritime Air Quality Technical Working Group (MWG) public meeting. The MWG was created to provide a forum for discussing air quality issues and concerns pertaining to maritime activities in California. This day-long meeting has been designed to promote an active exchange of information on fuel switching in ocean-going vessel main engines through focused presentations and discussions. Discussions will include engine manufacturers' perspectives on fuel switching, greenhouse gas impacts from fuel switching, in-use experiences in the shipping industry, and worldwide availability of low sulfur marine distillate fuels. The MWG meeting will be held at the following time and location:

Date: Tuesday, July 24, 2007
Time: 9:30 a.m. - 5:00 p.m.
Location: CalEPA Headquarters Building
Coastal Hearing Room
1001 I Street
Sacramento, California 95814

There is no cost to attend this meeting and it is open to all interested parties. However, to help us arrange for adequate seating, we request that you RSVP to Ms. Linda Keifer via phone at (916) 323-4327, or by email at lkeifer@arb.ca.gov, no later than July 20, 2007. In addition, to maximize the time available for discussion, we will have a working lunch. At the beginning of the meeting, we will circulate a menu for those that would like to pre-order and purchase lunch from our cafeteria.

The preliminary agenda for the MWG meeting is attached and has been posted at our website: <http://www.arb.ca.gov/marine>. Any additional meeting materials will be posted as they become available.

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

All Interested Parties
June 28, 2007
Page 2

Below are several items to assist you with attending this meeting:

- Directions to CalEPA Headquarters and public transit information can be found at the California Environmental Protection Agency's website at <http://www.calepa.ca.gov/epabldg/location.htm>.
- For individuals with sensory disabilities, this document is available in Brail, large print, audio cassette or computer disk. Please contact ARB's Disability Coordinator at (916) 323-4916 by voice or through the California Relay Service by calling 711, to place your request for disability services.
- If you are a person with limited English and would like to request interpreter services, please contact ARB's Bilingual Manager at (916) 323-7053.
- For those unable to attend the workshop in person, a live webcast will be available beginning at 9:30 AM on July 24, 2007, at <http://www.calepa.ca.gov/broadcast>.

We welcome and encourage your participation in the July 24, 2007, Maritime Working Group meeting. If you have any questions regarding the meeting, please contact Ms. Bonnie Soriano, Air Resources Engineer, Technical Analysis Section, at (916) 327-6888 (bsoriano@arb.ca.gov), or Ms. Peggy Taricco, Manager, Technical Analysis Section at (916) 323-4882 (ptaricco@arb.ca.gov).

Sincerely,

/s/

Daniel E. Donohoue, Chief
Emissions Assessment Branch

cc: Ms. Bonnie Soriano
Air Resources Engineer
Technical Analysis Section

Ms. Peggy Taricco, Manager
Technical Analysis Section

DRAFT

California Maritime Technical Working Group Focus on Fuel Switching

July 24, 2007
9:30 AM – 5:00 PM

CAL/EPA Headquarters Building
Coastal Hearing Room
1001 I Street
Sacramento, CA 95814

Preliminary Agenda

9:30 Introductions and Opening Remarks

9:45 Perspectives on Fuel Switching

- *Kjeld Aabo, Manager Marine Installation, MAN B&W*
- *Tapio Markkula, Technical Manager, WÄRTSILÄ*
- *Herbert Engineering*

12:00 Working Lunch

- *Greenhouse Gas Impacts from Fuel Switching
Dr. James J. Corbett, University of Delaware*

1:30 In-Use Experiences

- *James Flanagan, General Manager, Regulatory Affairs
and Jai Alimchandani, Manager, Regulatory
Compliance, Technical Organization, Maersk*
- *James Bobbitt, Marine Superintendent, BP*
- *Cruise Ship Representative (Invited)*

3:00 Worldwide Availability of Low Sulfur Marine Distillate
Fuels

- *Dr. Rudolph Kassinger, Technical Consultant, DNV
Petroleum Services, Inc.*
- *Fuel Provider (To Be Determined)*

4:45 Closing Remarks