Air Resources Board

Mary D. Nichols, Chairman
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Sacramento, California 95812 • www.arb.ca.gov

Linda S. Adams
Secretary for Environmental Protection

Arnold Schwarzenegger
Governor

TO: ALL INTERESTED PARTIES

DATE: APRIL 1, 2010

TOPIC: CALIFORNIA MARITIME TECHNICAL WORKING GROUP: EXPERIENCE WITH THE USE OF LOW SULFUR DISTILLATE FUELS IN OCEAN-GOING VESSELS DUE TO CALIFORNIA'S CLEAN FUEL REQUIREMENTS

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 through focused presentations and discussions on the use of low sulfur distillate fuels as required by the "Fuel Sulfur and Other Operational Requirements for Ocean-Going Vessels Within California Waters and 24 Nautical Miles of the California Baseline" (OGV Clean Fuel Regulation) which began implementation on July 1, 2009. The MWG meeting is open to the public, does not have an attendance fee and does not require prior registration. The MWG meeting will be held at the following time and location:

Date:	Wednesday, April 28, 2010
Time:	10:00 AM – 4:00 PM (PDT)
Location:	Elihu M. Harris Building, Room 2 1515 Clay Street Oakland, California 94607

At the MWG, presentations on various implementation activities will be provided including:

- a presentation by ARB staff on the status of the OGV Clean Fuel Regulation implementation including enforcement activities, processing of essential modification exemption requests, use of the safety exemption, and efforts to gather information on operational fuel switching experiences;
- a discussion by the United States Coast Guard on activities to help with implementation of the OGV Clean Fuel Regulation and tracking of loss of

propulsion incidents that may be related to switching to the low sulfur distillate fuels;

- California's Office of Spill Prevention and Response staff will provide an update on activities by the Harbor Safety Committees that pertain to implementation of the OGV Clean Fuel Regulation;
- Mr. Robbie Jackson of the California Maritime Academy who has been under contract to ARB to investigate the root causes of any operational difficulties or incidents related to the use of the low sulfur distillate fuels and to identify lessons learned by vessel operators will provide preliminary findings from his research; and
- representatives from MAN Diesel and WÄRTSILÄ, marine engine manufacturers, will discuss their efforts to address engine performance with regards to fuel switching requirements in California.

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.

Directions to the Elihu M. Harris Building can be found at the Department of General Services' website at http://www.buildings.dgs.ca.gov/ElihuMHarrisbuilding/default.htm.

Special Accommodations and Language Assistance
If you require a special accommodation or need this document in an alternate format (i.e. Braille, large print) or another language, please contact Ms. Linda Keifer at (916) 327-1505 or lkeifer@arb.ca.gov as soon as possible, but no later than 10 business days before the scheduled event/meeting. TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

The date of the MWG public meeting was selected to coordinate with the Society of Naval Architects and Marine Engineers (SNAME) Symposium titled *Operating Ships within Emission Control Areas (ECAs)-Understanding Fuel Switching, Appropriate Vessels and Equipment Configurations, and Compliance Concerns.* The SNAME symposium includes a networking dinner on April 28th and technical meetings on April 29th and will be held in Alameda, California. While ARB meeting focuses on California's clean fuel requirements, the SNAME symposium focuses on broader international and federal fuel switching requirements in emission control areas. For more information on the SNAME symposium and cost to register, please visit http://www.sname.org/SNAME/ECA/Home/Default.aspx.

We welcome and encourage your participation in the April 28, 2010, Maritime Working Group meeting. If you have any questions regarding the meeting, please contact Ms. Bonnie Soriano, Staff Air Resources Specialist, 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,

Daniel E. Donohoue

Daniel E. Donohoue, Chief
Emissions Assessment Branch
Stationary Source Division

Attachment

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

Ms. Bonnie Soriano
Staff Air Resources Specialist
Stationary Source Division

California Air Resources Board

California Maritime Technical Working Group
Experience with the Use of Low Sulfur Distillate Fuels in Ocean-Going Vessels

Date: April 28, 2010
10:00 AM – 4:00 PM (PDT)
Elihu M. Harris Building, Room 2
1515 Clay Street
Oakland, California 94607

Draft Agenda

I. Welcome and Introductions

II. ARB Ocean-Going Vessel Clean Fuel Regulation and Implementation Status (*ARB Staff*)

III. United States Coast Guard (*Mike Boyes, United States Coast Guard, D11 Prevention Division)*

IV. ARB Data Gathering (*ARB Staff*)

V. OSPR Report on Harbor Safety Committee Activities (*Gary Toledo, Oil Spill Prevention Specialist, California Office of Spill Prevention and Response*)

Lunch Break (12:30-1:30)

VI. California Maritime Academy Investigation (*Mr. Robbie Jackson, Maritime Vocational Instructor II, California Maritime Academy*)

VII. Engine Manufacturer's Perspective (*Kjeld Aabo, Manager Marine Installation, MAN Diesel & Leo Schnellmann, Technical Manager, WÄRTSILÄ*)

VIII. Questions and Open Discussion (*All*)