Public Meeting to Discuss Related Fuels Items

Marine Fuel Items

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Outline

- Harbor Craft/Locomotive Fuels Regulation
- Ship Auxiliary Engine Proposal
- Evaluation of SECA
  (Sulfur Emission Control Area)
Harbor Craft/Locomotive Fuels Regulation

- Approved November 18, 2004
- Additional comment period provided for “15-day changes”
- Will be submitted to OAL for review later this month.
Harbor Craft/Locomotive Fuels Regulation

- Requires the use of CARB diesel on January 1, 2007 (1/1/06 for harbor craft in the SCAQMD)
- CARB diesel already used by ferries and in the CA North Coast
- Will reduce NOx and PM emissions and allow for retrofit controls
Ship Auxiliary Engine Proposal

- Proposal under development
  - next workshop expected in April
  - scheduled for 11/05 Board Hearing
- Applies to auxiliary engines on oceangoing ships travelling in CCW
- Excludes most main engines, boilers, & gas turbines
California Coastal Waters

102 miles

27 miles
Ship Auxiliary Engine Proposal

- Step 1: Cleaner fuels for all vessels
  - 0.2% sulfur MGO in 2006
  - 0.1% sulfur MGO in 2008

- Alternative Compliance Plan
  - Voluntary option in lieu of cleaner fuel
  - Submit ACP for prior approval
Ship Auxiliary Engine Proposal

- Step 2: Further reductions from frequent visitors (5 visits/yr)
  - Must submit “Vessel Emission Reduction Plan”
  - Plan must achieve additional 50% reduction in both PM & NOx by 2010
  - This may be developed separately from Step 1: Cleaner fuels
Sulfur Emission Control Area

- IMO allows for the creation of a SECA with a limit of 1.5% sulfur limit for ship fuels
- U.S. EPA lead in evaluating the creation of a No. America SECA
- ARB assisting EPA in evaluation of environmental & economic effects