

# **AMENDMENTS LIMITING ONBOARD INCINERATION ON CRUISE SHIPS AND OCEANGOING SHIPS**



**November 16, 2006  
Board Hearing  
San Francisco, California**



California Environmental Protection Agency

Air Resources Board

# Overview

- Background
- Proposed Amended ATCM
- Impacts
- Proposed 15-day Modifications
- Summary and Recommendation

# Background



# Background

- AB 471 prohibits cruise ship onboard incineration
- Board adopted ATCM for Cruise Ship Onboard Incineration
- SB 771 prohibits oceangoing ship onboard incineration
- Staff proposing amendments to incorporate SB 771

# Why are We Concerned with Onboard Incineration?

- Source of toxic air contaminants
- In 2005, 1,900 oceangoing ships accounted for about 10,000 port calls statewide
- Docking berths located in close proximity to residents and workers
- Oceangoing ships can stay at port for many hours

# Proposed Amended Airborne Toxic Control Measure



# Regulatory Development Process

- Workgroup meetings
- One public workshop
- Oceangoing Ship Onboard Incinerator Survey

# Key Changes

- Adds oceangoing vessels into the requirements
- Prohibits onboard incineration within three nautical miles of the California coast, except as directed by the United States Coast Guard
- Requires recordkeeping and reporting
- Additional measures for the EO to notify owners/operators when NOAA nautical charts are updated



# Enforcement

- ARB enforcement
- Onboard inspections
- Review of incineration records
- Concurrent with other ARB marine regulations

# Military Issues

- Military exempt from international and federal incinerator recordkeeping requirements
- Existing policies prohibit onboard incineration within 12 nautical miles
- Recordkeeping provisions recognize existing policies
- ARB inspectors must follow procedures for onboard inspections



# Impacts

# Benefits of the Proposed Amendments

- Reduce exposure to toxic air contaminants and criteria pollutants for port and coastal communities
- Consistent enforcement statewide
- Provides consistency between requirements for cruise ships and oceangoing ships

# Economic Impacts

- Negligible Costs to Industry
  - ◆ Prior to SB 771 effective date, most oceangoing ships did not incinerate within three nautical miles of the California coast
  - ◆ Recordkeeping requirements are similar to existing international requirements

# Proposed 15-day Modifications

- Add provision to access and review existing MARPOL Annex V incinerator records from 3 to 24 nautical miles
- Change recordkeeping requirement from Regulated California Waters to 3 nautical miles
- Provides ARB inspectors with necessary records while minimizing duplication for industry

# Summary

- Prohibits onboard incineration on oceangoing ships
- Reduces exposure to toxic air contaminants
- Requires recordkeeping and reporting within 3 nautical miles
- Review of MARPOL records out to 24 nautical miles
- Allows for incineration while under the direction and supervision of the Coast Guard
- Recognizes military security issues

# Recommendation

- Approve proposed amended ATCM with proposed 15-day changes

