



San Pedro Bay Ports Clean Air Action Plan

Clean Air Action Plan Update

Clean Trucks Program

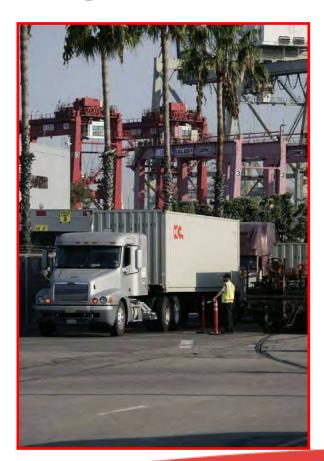
- Launched October 1, 2008
- Pre-1989 trucks banned
- High compliance rates
- Trucks without the Temporary Access Permits (i.e., in the form of stickers, decals) will not be allowed access to Port shipping terminals





Clean Trucks Program

- Electronic gate control begins November 10th
- Clean Truck Fee begins November 17th
- Next Progressive Ban Date: January 1, 2010

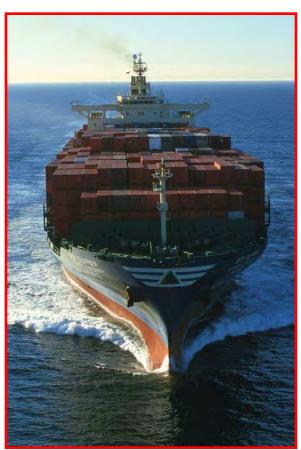


Vessel Programs

- VSR compliance at 95% for POLB and 90% for POLA
- Vessel Main Engine Fuel Incentive Program
 - 165 enrolled vessels
 - 19 companies
 - 376 anticipated calls per quarter (~ 29% of calls)
- Cold-ironing

POLA: China Shipping, NYK, and Cruise Terminal

POLB: ITS and BP



Technology Advancement Program

- Foss Hybrid Tug
- Johnson Matthey Selective Catalytic Regenerating Technology (SCRT®) Systems
- AMECS
- OceanAir Eco-Tug
- SoCalGas CNG Truck
- Hybrid & LNG Yard Tractors
- Hybrid Drayage Truck



Air Quality Excellence Awards

- Luncheon held July 16, 2008
 - AP Moller-Maersk
 - Foss Maritime
 - Long Beach Container Terminal
 - Southern Counties Express
 - Yusen Terminals, Inc.



Significant Updates to CAAP

- Planning for next five years
- Update on current programs:
 - HDV updates, Clean Truck Program and fuel infrastructure
 - OGV updates, including the Vessel Fuel Incentive Program
 - Technology Advancement Program
- Updated emissions and budget projections
- San Pedro Bay Standards
- Greenhouse Gases

Greenhouse Gases

- Each port working with their cities
- Coordinating with AB32, C40
- Each port enrolled in the voluntary reporting programs:
 California Climate Action Registry and The Climate Registry
- Developing comprehensive GHG Plans
 - Port facilities and tenant operations
 - GHG inventories
 - Renewable Energy
 - Energy Efficiency
 - Tree Planting
 - Carbon Re-Injection
 - Carbon Offsets

San Pedro Bay Standards

CAAP Commitments

2005 Baseline Diesel Particulate Matter (DPM) Emissions Inventory Emission
Forecasting
Protocol
Review by TWG

2023 DPM Emissions ForecastGrowth + CAAP + Regulations

Health Risk Assessment Protocol Review by TWG

Exposure Analysis

DPM Cancer Risk Estimates

San Pedro Bay-wide Standard Development

San Pedro Bay-wide Standard in CAAP Update

CAAP Update Process/Schedule

Ports to draft revisions to technical document Review by agency Technical Working Group Release draft for public and stakeholder review Ports to incorporate comments Review by Technical Working Group POLB/POLA Board approval