



San Pedro Bay Ports Clean Air Action Plan

Clean Air Action Plan (CAAP) Implementation Progress Report Quarterly Report – 2nd Quarter 2010

Clean Truck Program

- Approximately 8,264 trucks in the DTR meet 2007 emission standards for both ports.
- 90% of truck trips are considered “clean” for both ports.
- There are approximately 790 Natural Gas fueled trucks in the DTR, nearly 9% of the container trips.

Vessel Speed Reduction

As of May 2010, POLB compliance is 96% at 20 nautical miles (nm) and 74% at 40 nm, and POLA compliance is 91% at 20 nm and 60% at 40 nm.

Shore Power Implementation

The POLA Evergreen terminal shore power terminal construction is complete; commissioning is scheduled for Summer 2010.

Pacific Harbor Line

Each port’s Board of Harbor Commissioners approved a Third Amendment to their respective Operating Agreements with PHL ([POLB approval on May 10](#); [POLA approval on April 15](#)). Contingent on PHL’s ability to secure grant funding, PHL will upgrade its current fleet of 16 EPA Tier 2 switcher locomotives with engines meeting “Tier 3-plus” emission standards. The new “Tier 3-plus” engines will reduce NOx emissions by 38% and PM emissions by 85% compared to the existing Tier 2 engines.

Technology Advancement Program

- The 2009 TAP Annual Report is undergoing staff review. It is expected to be released next quarter.
- The ports have approved emissions testing of the RYPOS, Inc. active diesel exhaust filter system in cargo-handling equipment ([POLB approval on June 28](#)).
- Emissions testing for the Foss hybrid tugboat is currently underway with the final report expected in August 2010.
- The first of three prototype hybrid yard hostlers was delivered on May 28 to Long Beach Container Terminal for a 6-month demonstration.

2010 CAAP Update

The [2010 CAAP Update](#) was released for public review on April 7, 2010. Two public meetings were held and public comments were accepted through May 7, 2010. Release of the final 2010 CAAP Update is scheduled for 3rd Quarter, 2010. The CAAP Update includes the San Pedro Bay Standards, an important mechanism that will contribute to the continual goal to reduce emissions from port sources.

2009 Emissions Inventories Released

Each port’s Board of Harbor Commissioners approved the 2009 Emissions Inventories in June 2010. Click here for the [POLA Emissions Inventory](#) and the [POLB Emissions Inventory](#).

CAAP Awards Program

The CAAP Air Quality Awards ceremony will be held July 29 at the Hotel Maya in Long Beach. The ceremony recognizes the achievements of port tenants and operators that demonstrate a strong

commitment to improving air quality at facilities within the ports. This year, the ports received 17 nominations for the 4 award categories: corporate leadership, air quality technologies, innovative operations, and early action.

Grant Awards

In March 2010, POLB received a \$1.6 million grant from the U.S. Environmental Protection Agency under the National Clean Diesel Funding Assistance Program. The grant funds will be used to retrofit and/or repower 4 pieces of cargo-handling equipment and to repower 3 harbor craft.