



Notice to PMSA Members

Need to Prepare For California Shore Side Power Requirement

The California Air Resources Board Regulation "Airborne Toxic Control Measure for Auxiliary Diesel Engines Operated on Ocean-Going Vessels At-Berth in a California Port" requires Container, Cruise, and Refrigerated Cargo Vessels, **to plug into shore side power beginning in 2014**. Only a very limited number of vessel fleets opted into the Alternative Compliance Pathway meaning that the majority of the regulated types of vessel fleets will have to have **a minimum of 50% of their vessels calls connecting to shore power and achieve 50% emission reductions beginning in 2014 or face substantial penalties** under California Health and Safety Code section 43400 et seq. While it may appear that the 2014 date provides ample time for compliance there is significant preparation and planning required in addition to the installation of shore side infrastructure and vessel retrofits.

Vessel fleets subject to the regulation must submit initial compliance plans to CARB by July 1, 2013. The requirements of the plan are described in section (g) of the regulation beginning on page 26. Vessel Fleets Terminals that initially registered for the Equivalent Emission Option by July 1, 2009, must also update those plans by July 1, 2013. In addition, vessel fleets must submit an annual statement of compliance by March 1, for the previous year for each vessel that includes:

- Name of the vessel
- Lloyd's number for the vessel
- Vessel type (container, passenger, refrigerated cargo)
- TEU capacity (container vessels only)
- Total vessel visits, by terminal
- Number of visits where the vessel connect to shore power
- Exempt vessel visits with explanation
- Average berthing time at the port
- Average power requirement for the vessel while at berth, in MW-hr

Terminal operators that had 50 or more ship visits in 2008 are required to submit an updated terminal plan by July 1, 2013, that describes how their facility will accommodate vessels subject to the regulation. The requirements of the Terminal Plans are described in section (f) beginning on page 23 of the regulation. In addition, terminal operators must submit an annual report by April 1, for the previous year that includes at a minimum:

- Monthly utility billing statements of separately metered shore power
- Episodes of electrical service interruption with documentation from the local utility
- Names of vessels serviced
- Location of vessels serviced, by berth
- Date and time
- Power, in megawatts, supplied to the vessels
- Names of vessels using equivalent emission reduction technologies
- Date, time, and description of any shore power equipment failures

Fleet and Terminal Plans will have to be updated and resubmitted by July 1, 2016, describing compliance with the 70% vessel call and emission reduction requirement for 2017, and again by July 1, 2019, for the 80% compliance levels of 2020.

Full information on the regulatory requirements, forms for fleet and terminal plans, and other background information can be found at: <http://www.arb.ca.gov/ports/shorepower/shorepower.htm>

If you have any questions, please contact TL Garrett at: tgarrett@pmsaship.com or at 562-432-4042.