

**Instructions for Completing the Vessel Fleet Plan Form to Comply with
Regulations to Reduce Emissions from Diesel Auxiliary Engines on Ocean-Going
Vessels While at-Berth at a California Port**

TO BE COMPLETED FOR EACH VESSEL FLEET

One of the planning documents required for this regulation is the vessel fleet plan. Operators of container-ship or refrigerated-cargo-ship fleets whose vessels cumulatively make 25 or more visits annually to one port and operators of passenger-ship fleets whose vessels cumulatively make five or more visits annually to one port must submit a plan to the ARB. Vessel plans are due July 1, 2013. More information on the regulation can be found in the final rule and in the frequently asked questions for this regulation.

ARB staff prepared forms that can be submitted to satisfy the vessel plan requirements. The vessel plan is divided into three forms. At a minimum, all submittals must include Form 1. Form 2 is for fleets choosing the reduced onboard power generation compliance option, and Form 3 is for fleets choosing the equivalent emissions reduction option. Confidential boxes are located on each form. If any box is marked "yes," a Confidential Information Agreement form must be completed and included in the plan.

The vessel plan forms are as follows:

1. Form 1 - General Information
2. Form 2 - Reduced Onboard Power Generation Option
3. Form 3 – Equivalent Emissions Reduction Option
4. Confidential Information Agreement Submittal Form

Please read the following instructions and other supporting documents before beginning a vessel plan. Attachment B contains definitions for terms used in the forms and instructions.

Contact Information and Submittal Information:

If you have any questions related to completing these forms, please contact:

Jonathan Foster
(916) 327-1512
Shorepower@arb.ca.gov

Vessel Plan forms may be submitted either in hard copy or electronically:

Submit a hard copy plan by mail to:

California Air Resources Board
Stationary Source Division
Project Assessment Branch,
Energy Section
P.O Box 2815
Sacramento, CA 95812

Submit electronically to:

Shorepower@arb.ca.gov

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FORM 1 – INSTRUCTIONS

The purpose of Form 1 is to gather general information about the terminal.

Table 1A General Information

Port/Date: Enter the name of the Port and the date

Vessel Operator: Enter the shipping fleet name

Address: Enter the mailing address

City, State, Zip: Enter the City, State, and Zip code

Contact Person: Enter the name of a contact person if there are any questions regarding the forms.

Title: Enter the business title of the contact person.

Phone, FAX: Telephone and FAX number of contact person

Email: Email of contact person.

Table 1B Fleet Summary

Check the appropriate vessel category for the fleet (Container, Refrigerated Cargo, Passenger):

List the total number of vessels visiting the port annually for most recent complete calendar year

List the total number of visits the vessels will make to the port annually for most recent complete calendar year

List the terminals that will be visited by vessels in the fleet

FORM 2 – INSTRUCTIONS

The purpose of Form 2 is to collect detailed information about the vessel fleets expected to visit a port during 2014. Information is requested for those vessels that will be capable of using grid-based shore power.

Table 2A – Vessel Information – Reduced Onboard Power Generation Option

(2014) Provide the vessel name, Lloyd's number, number of vessel visits to the Port annually, and maximum power that the vessel is expected to use while at berth for those vessels planning to use grid-based shore power by January 1, 2014: List the vessels in the fleet that are planned to be capable of using grid-based shore power by 2014. Also provide the Lloyd's number of each vessel, how many visits each vessel is estimated to make to a port over the year 2014, and the maximum power of the vessel while at berth in MW.

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Table 2B Vessel Information – Reduced Onboard Power Generation Option

Provide the number of vessels that will likely use grid-based shore power in regulatory years (2017 and 2020): Estimate the number of vessels that are expected to likely use grid-based shore power in the regulatory years 2017 and 2020.

Estimate the total number of annual visits expected to be made by these vessels (2017 and 2020): Provide an estimate on the total number of annual visits these vessels will make in the regulatory years 2017 and 2020.

Estimate the maximum amount of power expected to be used by these vessels while at berth (MW) (2017 and 2020): Provide estimates on the maximum amount of power that is expected to be used by these vessels while at berth during the regulatory years 2017 and 2020.

FORM 3 – INSTRUCTIONS

The purpose of Form 3 is to collect information about the vessel fleets expected to visit a port during 2014. Information is requested for those vessels that will be following the equivalent emissions reduction option timeline.

Table 3A – Vessel Information – Equivalent Emissions Reduction Option

Provide the vessel name, Lloyd's number, type of control technique used (electric power from utility grid, distributed generation, etc.), number of vessel visits to the Port annually, and maximum power that the vessels are expected to use while at berth by January 1, 2014. Attach any additional sheets and indicate reference to Table 3A: List the vessels in the fleet that are planned to reduce their emissions while at berth under the equivalent emissions reduction option beginning in 2014. Include the vessel name, Lloyd's number, the type of control technique used (e.g. electric power from the utility grid, distributed generation, shore-side alternative control, vessel-side alternative control, etc.), the expected number of vessel visits to the Port in 2014, and the maximum power of the individual vessels while at berth (MW).

Table 3B – Vessel Information – Equivalent Emission Reduction Option

Provide estimates for the number of vessels that are expected to have their emissions reduced, by each type of control technique, to satisfy the requirements by 2017, and 2020: List the types of control techniques that are expected to be utilized, how many vessels will use that technique and the total number of annual visits those vessels will make to the port to satisfy the requirements by 2017, and 2020.

Table 3C – Vessel Information – Equivalent Emission Reduction Option

Provide a description of the control technique(s) used. Include the identification of the pollutant being reduced, the expected emission reduction (percent reduced). Attach a submittal of emission testing results or other documentation and indicate reference to Table 3C: Describe the control techniques that are expected to be utilized and the targeted pollutant(s) that are being reduced as well as the percent emission reduction expected to be achieved. Attach a submittal of emission testing results or other documentation and indicate reference to Table 3C.