

APPENDIX B

CARL MOYER AIR STANDARDS ATTAINMENT PROGRAM

2008 MULTIDISTRICT MARINE VESSEL REPOWER

PROJECT APPLICATION

February 15, 2008

MARINE VESSEL REPOWER APPLICATION

Please print clearly or type all information on this application and on all attachments. Fill out one application for each engine or piece of equipment. All information necessary for completing this application is available in 2008 Carl Moyer Program Guidelines. This document can be viewed at:

<http://www.arb.ca.gov/msprog/moyer/moyer.htm>

Please note that additional information may be requested from the applicant in order to process this application.

This application is for incentive funds to offset the incremental cost of repowering marine vessel engines. All projects must be multidistrict projects, achieve emission reductions beyond all regulatory requirements, meet the minimum Carl Moyer Program eligibility criteria described in the 2008 Carl Moyer Program Guidelines and all current Carl Moyer Program Advisories, and comply with the specific requirements of this solicitation. The 2008 Carl Moyer Program Guidelines and Advisories can be viewed at:
<http://www.arb.ca.gov/msprog/moyer/moyer.htm>.

Applicants are required to submit all items in the checklist on page B-2. Project implementation plans (Appendix H) should, at a minimum, indicate who will do the work, whether or not they have successfully completed similar projects in a timely manner, and when the work will be completed. Project cost information, including cost-effectiveness calculations, vendor quotes and other documentation substantiating cost data requested in this application must also be provided.

The first of two applicant workshop will be held Wednesday, March 5, 2008, from 10:00 a.m. to 4:00 p.m. in the Sierra Hearing Room at the Air Resources Board facility located at 1001 I Street, Sacramento, California. Applicants choosing to participate may do so in person or via webcast. The second applicant workshop will be held in Southern California. Information for this workshop is to be announced on our webpage at:
<http://www.arb.ca.gov/msprog/moyer/moyer.htm>

The intent of the workshop is to provide potential project applicants with an opportunity to ask clarifying questions regarding general project requirements and specific technology questions. Written questions submitted before the workshop will be given priority. Questions may be e-mailed to Ms. Grace Garcia at ggarcia@arb.ca.gov, or faxed to Ms. Garcia at (916) 322-3923. The questions and answers will be posted and updated regularly on the ARB website. Questions asked after the workshop will be answered and posted on the internet on a staff availability basis. Any verbal communication with an ARB employee concerning this solicitation is not binding on the State and shall in no way alter a specification, term or condition of the solicitation.

In accordance with the Guidelines, applicants must disclose if they have applied for or received public financial assistance that reduces the project cost, including tax credits or deductions, grants, or any other public financial assistance given for the vehicles and engines listed in this application. The applicant must reduce the incremental cost of the project by the amount of any current financial incentive received. Any applicant failing to report additional funding for this project may be banned from future participation in the Carl Moyer Program and be subject to criminal sanctions.

One original plus two copies of the application packet must be signed by the applicant(s) and must be received by ARB **no later than 5:00 April 11, 2008**. Final project selection will be completed by **June 6, 2008**, and successful applicants will be notified immediately. Questions regarding the application process should be directed to Ms. Grace Garcia at (916) 323-2781.

CHECK LIST FOR APPLICATION ITEMS

Be sure the following items are included with the application submittal. Check each applicable box below to indicate inclusion of material.

- Completed and signed application.
- Project implementation plan (see Appendix H of this multidistrict solicitation).
- Project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.
- Calculations of project cost-effectiveness and emission reductions (see Appendices C and E of the 2008 Carl Moyer Program Guidelines).
- Documentation from an engine vendor stating that the equipment can be installed safely.
- ARB Executive Order Number for new engine (if Engine Certified to Alt NOx Standard).
- Verification of the number of port or rail yard trips (for Goods Movement projects) such as equipment interchange receipts, driver manifests, or driver pay approval reports.

Eligibility Criteria

To be eligible for funding, projects must meet the criteria described in the 2008 Carl Moyer Program Guidelines and all current Carl Moyer Program Advisories. These criteria include but are not limited to the following:

- Emission reductions obtained through Carl Moyer Program projects must not be required by any federal, state or local regulation, memorandum of agreement/understanding with a regulatory agency, settlement agreement, mitigation requirement, or other legal mandate.
- Projects must meet a cost-effectiveness of \$16,000 per weighed ton of NOx, ROG, and PM10 reduced calculated in accordance with the cost-effectiveness methodology in Appendix C of the 2008 Guidelines. All state funds plus any other funds under a district's budget authority or fiduciary control contributed toward a project must be included in the cost-effectiveness calculation.
- Projects must have a minimum project life of three years, except for engines subject to the Stationary Diesel In-Use Agricultural Engine Airborne Toxic Control Measure, which must have a minimum project life of one year.

- The maximum project life for a marine vessel repower project is 16 years. A longer project may receive case-by-case approval if applicants provide justifying documentation. The maximum project life does not consider regulatory requirements and may be shorter.
- No emission reductions generated by the Carl Moyer Program shall be used as marketable emission reduction credits, or to offset any emission reduction obligation of any person or entity.
- No project funded by the Carl Moyer Program shall be used for credit under any federal or state emission averaging banking and trading program.
- Funded projects must have at least 75 percent of their total activity for the project life in California's coastal waters.
- Emission reduction technologies must be certified/verified by the ARB for sale in California and must comply with durability and warranty requirements. For the purposes of the Carl Moyer Program, a technology granted a conditional certification/verification by ARB is considered certified/verified.

ARB has adopted a regulation that could impact funding opportunities for marine vessel projects -- the Harbor Craft Diesel Engine Regulation (Harbor Craft Regulation). The first step in evaluating Carl Moyer Program eligibility is determining whether a project is subject to a rule:

**Table B-1
Summary of Marine Vessel Funding Opportunities**

Project Type	Subject to ARB Rule	Moyer Funding Opportunities
Excursion vessels, ferries, tug boats, tow boat engine repower	Harbor Craft Regulation	Funding opportunities through dates listed in Tables 9-3 and 9-4 in Chapter 9 of the Carl Moyer Program Guidelines.
Fishing vessel, pilot/work boat, crew/supply boat engine repower	No	Not limited by regulation.

Additional criteria may be found in the 2008 Carl Moyer Program Guidelines, Chapter 2 and Chapter 9, Section IV.

A. APPLICANT INFORMATION

1. Company name/ Organization name/ Individual name:	
2. Business type:	
3. Contact name and title:	
4. Business mailing address and contact information:	
a. Street:	b. City/State/Zip:
c. Phone: () Ext:	d. Fax: ()
e. E-mail:	
5. Person with contract signing authority (if different from above):	
6. How many vehicles/engines/retrofits are being applied for?	
7. Total funding amount requested in this application:	

B. FUNDING DISCLOSURE

1. Have any engines or vehicles listed in this application applied for or have been awarded Carl Moyer Program funding or other grants? <input type="checkbox"/> Yes <input type="checkbox"/> No
2. If "yes", complete the following for each engine or vehicle:
a. Agency applied to:
b. Date/Number of Agency Solicitation:
c. Funding Amount Requested:
d. Baseline Engine Serial Number:
e. Status of Application:

For each engine or vehicle, please complete sections C, D, E, F, G, and H (as appropriate). Please include project cost documentation including vendor quotes and other substantiating data to support cost estimates provided in this application.

C. PROJECT DESCRIPTION (required)

1. Project Name:	
2. Vessel name:	
3. US Coast Guard documentation number or IMO/Lloyds number (if foreign flagged):	
4. Vessel berth location:	
5. Project Life (3-15 years):	
6. The existing marine vessel is used for (see Table B-1 and check one):	
<input type="checkbox"/> commercial fishing	<input type="checkbox"/> tow
<input type="checkbox"/> charter fishing	<input type="checkbox"/> tug
<input type="checkbox"/> crew and supply	<input type="checkbox"/> work
<input type="checkbox"/> ferry/excursion	<input type="checkbox"/> other: _____
<input type="checkbox"/> pilot	
7. Estimated total annual nautical miles traveled in California coastal water boundary:	
8. Percent Operation in California Waters:	9. Percent Operation in District Waters:
10. Does this vessel remain within the port (yes/no)?	
11. Estimated total annual hours of operation in California coastal waters:	12. California ports called on and estimated annual operating hours in each:
13. Will the new engine have a functioning hour meter for the life of the project?	
<input type="checkbox"/> Yes	
<input type="checkbox"/> No	

D. Electronic Monitoring Unit (EMU)

1. Will a new eligible EMU be installed as part of this project? <input type="checkbox"/> Yes <input type="checkbox"/> No	
2. If "yes", complete the following for each engine or vehicle:	
a. EMU Make:	
b. EMU Model:	
c. EMU Year:	
d. EMU ID Number:	
e. EMU Cost:	

E. MARINE VESSEL REPOWER

1. Number of propulsion engines to be repowered:	
2. Number of auxiliary engines to be repowered:	
3. Vessel make:	4. Vessel model:
5. Vessel year:	
6. Does the project vessel utilize a wet exhaust system? <input type="checkbox"/> YES <input type="checkbox"/> NO	

**F. ENGINE INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION OR AUXILIARY)**

1. Baseline engine make:		2. Baseline engine model:	
3. Baseline engine year:		4. Baseline engine serial number:	
5. Baseline engine horsepower:		6. Baseline engine Tier (uncontrolled, Tier 1, or Tier 2):	
7. Will the vessel engine have a functioning hour meter for the full project life? (Yes/No):			
8. Engine annual hours of operation:			
9. Reduced emission engine make:	10. Reduced emission engine model:	11. Reduced emission engine year:	
12. Reduced emission engine serial number (if available):			
13. Reduced emission engine horsepower:		14. Reduced emission engine Tier:	
15. Reduced engine fuel (diesel only):			

**G. COST INFORMATION – NEEDED FOR EACH PROJECT ENGINE
(PROPULSION and/or AUXILIARY)**

1. New engine purchase price:
2. New engine installation cost:
3. New engine vendor (optional):
4. New engine installer (optional):

H. FUNDING AMOUNT REQUEST

1. Total Amount Requested for this Piece of Equipment: <input type="checkbox"/> Maximum allowable <input type="checkbox"/> Other: \$ _____

APPLICANT CERTIFICATION

Please initial the following **when applicable**:

1. _____ I hereby certify that all the information provided in this application, including any attachments, and the following criteria are true and correct.
2. _____ My equipment operates in more than one air district.
3. _____ If selected I will follow the project implementation plan that I submitted with the application.
4. _____ My company is considered a small business as defined in Government Code Section 14837.
5. _____ My equipment operates in designated environmental justice areas.
6. _____ I have no outstanding air pollution OR other environmental violations/citations.
7. _____ My equipment is currently not being funded by another public funding source/grant.

ARB staff reserves the right to automatically reject/disqualify applications that contain such erroneous information, and applicants may be denied future participation in any other ARB incentive/grant programs.

Signature of Responsible Party:

Date:

Applicant Name (please print):

Date:

Third Party Certification

I have completed the application, in whole or in part, on behalf of the applicant (Applicant must also sign-off the certification box above).

Printed Name of Third Party:	Title:
Signature of Third Party:	Date:
Amount Being Paid for Application Completion in Whole or Part:	Source of funding to 3 rd party: