TO: All Interested Parties

SUBJECT: SECOND PUBLIC WORKSHOP FOR AMENDING THE INTERIM CERTIFICATION PROCEDURES FOR 2004 AND SUBSEQUENT MODEL HYBRID-ELECTRIC VEHICLES IN THE URBAN BUS AND HEAVY-DUTY VEHICLE CLASSES

The Air Resources Board (ARB or Board) invites you to participate in a public workshop to discuss amendments to the Interim Certification Procedures for 2004 and Subsequent Model Hybrid-Electric Vehicles in the Urban Bus and Heavy-Duty Vehicle Classes (interim procedures).

The meeting will be held at the following time and place:

Date: Thursday, August 30, 2012
Time: 1:00 p.m. to 3:30 p.m.
Place: Cal/EPA Headquarters Building
Sierra Hearing Room, 2nd Floor
1001 I Street
Sacramento, California 95814

This meeting will be webcast for those unable to attend in person. The broadcast can be accessed on the day of the workshop at http://www.calepa.ca.gov/broadcast. Information on submitting questions or comments will be provided during the webcast for remote participants. Staff’s presentation and any associated documents will be posted in advance of the workshop on ARB’s website at: http://www.arb.ca.gov/msprog/onroadhd/hdhev/hdhevtesting/hdhevtesting.htm.

In 2002, the Board adopted interim test procedures for certifying hybrid-electric heavy-duty vehicles and urban buses. This interim procedure was adopted in conjunction with modifications to the Public Transit Bus Fleet Rule to reflect advances in technology that could not be captured in ARB’s existing heavy-duty certification procedures. The interim certification procedure is based on a modified version of the Society of Automotive Engineers (SAE) Recommended Practice SAE J2711. This protocol was developed to test the emissions of heavy-duty hybrid-electric vehicles using a chassis
dynamometer. The certification value is determined through calculations using chassis
dynamometer test results and engine certification values for both the hybrid-electric
vehicle and a conventional drivetrain vehicle. The Board approved these interim
procedures with the intention of revisiting the procedures if needed in future years.

Due to the expanding commercialization of hybrid technology, advancement of the
hybrid technology into more sectors of the heavy-duty vehicle market, and the need to
better quantify emission reductions from existing and future heavy-duty hybrid vehicles,
ARB believes that updates to the existing interim procedure are warranted.

The first workshop on this topic was held February 3, 2010. Since then, ARB has
followed research in this area, and has supported the U.S. EPA's process as they
developed voluntary test procedures for heavy-duty hybrid vehicles as part of the
federal Greenhouse Gas Emissions Standards and Fuel Efficiency Standards for
Medium- and Heavy-Duty Engines and Vehicles. At the
August 30, 2012 workshop, ARB staff, with public participation, will continue to seek
input on potential amendments to the interim procedures to better align with the federal
voluntary procedure and measure criteria pollutant and greenhouse gas emissions from
a variety of hybrid vehicles.

If you require a special accommodation or need this document in an alternate format or
language, please contact Ms. Jessica Dean at (916) 322-8748 or jdean@arb.ca.gov as
soon as possible, but no later than 10 business days before the scheduled meeting.
TTY/TDD/Speech to Speech users may dial 711 for the California Relay Service.

If you have questions regarding the workshop, please contact Ms. Jessica Dean, Air
Resources Engineer, at (916) 322-8748 or jdean@arb.ca.gov. We welcome and
appreciate your participation in this workshop.

Sincerely,

/s/

Robert H. Cross, M.S.M.E., P.E.
Chief, Mobile Source Control Division

cc: Ms. Jessica Dean
Air Resources Engineer
Strategic Planning & Development Section