

**Reports from the Work Groups of the Mobile Sources Technical Review Subcommittee
for the MSTRS meeting of October 16, 2002**

Modeling - Gene Tierney, (734) 214-4456, tierney.gene@epa.gov

The FACA Modeling Workgroup had a conference call on July 15th. The purpose of the call was to inventory concerns raised by the workgroup during the February and June meetings regarding EPA's proposal for MOVES design and progress in emission analysis, and to determine whether these issues have been resolved and identify next steps. EPA is currently working to address the next steps identified by the workgroup, the results of which will be discussed at the next modeling workgroup meeting on November 6. This meeting will be held in conjunction with EPA's Mobile Source Modeling workshop.

Air Toxics - Kathryn Sargeant, (734) 214-4441, sargeant.kathryn@epa.gov

At the last meeting of the FACA toxics workgroup on June 10th, proposed revisions to ARB Method 102/103 "Procedure For the Determination of C2 to C12 Hydrocarbons in Automotive Exhaust Samples by Gas Chromatography" were discussed in an attempt to standardize the test method in order to limit variability. Toyota presented the Japan Automobile Manufacturers Association (JAMA) findings on ARB method 102/103 and the proposed EPA changes to the method. Some changes to method 102/103 were agreed upon among the group. EPA agreed to using a procedure equivalent to ARB's method 102/103, provided that ARB make some changes to the method that were agreed upon by the MSAT FACA group. Discussion with ARB about these changes is in progress. The workgroup will discuss aldehyde and ketone measurement procedures at the upcoming meeting in an attempt to reach a consensus on measurement of formaldehyde, acetaldehyde, and acrolein.

OBD Technical Workgroup - Ed Gardetto, (734) 214-4322, gardetto.edward@epa.gov

The OBD Technical Review Workgroup met September 10, 2002 in conjunction with the Colorado State University Clean Air Conference which was held in Breckenridge, Colorado. The group continues to review the available FTP data being produced by the EPA and the Colorado Department of Health. Both agencies are studying the effectiveness of the use of OBD in an I/M environment. Additionally, the group is putting together information on model year 2003 OBD protocol changes which state I/M programs will have to implement in order to scan future OBD vehicles. The group's future plans include recommended methods for evaluating OBD I/M programs and the possibility of fraud in an OBD scan environment. The group will not be meeting in the October MSTRS meeting but will meet again around the next MSTRS meeting.

Heavy-Duty Vehicle In-Use Testing Workgroup - Dennis Johnson, (202) 564-9278, johnson.dennis@epa.gov

Since June, the Heavy-duty (HD) Vehicle In-use Testing Workgroup divided into two groups to help focus on specific topics. An Opacity Testing Task Group has been working on issues associated with opacity testing programs and reviewing existing opacity testing studies. This group is also looking how opacity testing programs are currently describe in state implementation plans. The Other Testing Options Task Group (or Advanced Diesel Testing Options Task Force) has been reviewing in-use testing methods other than opacity testing. This group has prepared summaries for HD chassis testing, on-vehicle testing devices, remote sensing, and other methods.

OBD Policy Workgroup - Lori Stewart, (202) 564-1104, stewart.lori@epa.gov

The OBD Policy Workgroup has conducted several conference calls since June 11, 2002 meeting to develop the Workgroups findings and recommendations for the final report. The Workgroup will hold its final in-person meeting on October 17, 2002. Workgroup members are currently reviewing the draft report. Final changes and/or additions to the report will be discussed during the October meeting. In addition, Jay Gordon will present the results of his study on the correlation between OBD test results and I/M 147 test results. Blake Early of ALA and John Cabaniss of AIAM will also discuss concerns about OBD system tampering devices.

Once the Workgroup reaches agreement on the final report, it will be distributed to MSTRS members for their review.