

**Reports from the Work Groups of the Mobile Sources Technical Review Subcommittee
for the MSTRS meeting of February 13, 2002**

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

EPA presented modeling workgroup with some general concepts for the a new mobile source emissions model at the October 23rd workgroup meeting, and asked for comments via a written survey. Since this time the workgroup has completed this survey, summarized the results and presented these results to EPA. EPA will address the workgroup comments at a conference call on February 6th, and will provide an update to the workgroup on recent progress and next steps on recent modeling efforts at the workgroup meeting on February 12th. The workgroup will report on the survey results and next steps at the February 13th MSTRS meeting.

Air Toxics - Drew Kodjak, (734) 214-4804, kodjak.drew@epa.gov

At last meeting, the Mobile Source Air Toxic Workgroup's co-chairs proposed that the Workgroup focus its resources and energies over the next year on developing a single suite of mobile source air toxic emissions testing and analytical protocols for each of the 21 mobile source air toxics identified in the 202(l) rule (March, 2001). The need for such an effort is apparent from the increasing body of evidence showing that mobile source air toxics pose a risk to public health (e.g., National-Scale Assessment, Diesel Health Assessment Document), the lack of standard federal test methods, and the variability found within the current group of test methods. The group will seek to prioritize its efforts on those pollutants that pose the greatest risk to public health and which are emitted in significant quantities from mobile sources (e.g., benzene, formaldehyde, acetaldehyde, 1,3-butadiene, acrolein, diesel PM/ organic gases). At the upcoming February meeting, the Workgroup will review a draft emissions testing protocol compiled by EPA staff for non-halogenated hydrocarbons, entitled "Procedure for the Determination of Benzene, 1,3-Butadiene, Ethylbenzene, n-Hexane, Naphthalene, Styrene, Toluene, and Xylenes from Automotive and Diesel Exhaust Samples by Gas Chromatography." These eight compounds represent a significant portion of the gaseous air toxics on the MSAT list of 21 compounds. The draft protocol was sent to the workgroup in mid-January for comment and review.

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

The OBD Technical Review Workgroup has not met since September 11, 2001. The workgroup will meet on February 14, 2002 following the MSTRS meeting. At this upcoming meeting the workgroup will discuss the following areas:

- Discussion of OBD I/M programs which are running pass/fail
- Update of EPA High-Mileage test program
- Development of recommendation on '96 and '97 Canadian vehicles
- Update of Colorado OBD FTP test program
- Presentation of Missouri AAA OBD study
- Update of scan tool issues

The meeting will from 10:30 am to 3:30 pm on February 14, 2002.

Nonroad Workgroup - Glenn Passavant, (734) 214-4408, passavant.glenn@epa.gov

The Nonroad workgroup presented recommendations to the Subcommittee at the October 24, 2001 MSTRS meeting. There is no further work planned at this time.

Lab Upgrade Workgroup - Mike Sabourin, (734) 214-4316, sabourin.michael@epa.gov

The Emissions Test Laboratory Workgroup presented their final report at the October 24, 2001 MSTRS meeting. There is no further work planned at this time.

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

The OBD Policy Workgroup held its first meeting on December 11, 2001. Since this meeting, EPA staff have contracted for a life cycle analysis of the preventative repair benefits associated with early detection of needed repairs through the OBD systems. This will help to further understand the cost-effectiveness of the program. EPA staff have also developed a summary of the data from the significant studies on OBD to serve as a reference for workgroup members. A draft one-pager has also been developed, to share with workgroup members, to help address questions regarding the lack of overlap between OBD and I/M failures.

The next meeting is scheduled all-day on February 12, 2002. The topics to be covered include EPA compliance procedures that may help address the conflict of interest concern, provide an overview of OBD warranty requirements by the Clean Air Act and manufacturers, the issues around the lack of overlap between OBD failures and I/M failures, OBD hardware and software issues, and a short report on the status of OBD outreach efforts.

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

The newly formed Heavy-Duty Vehicle In-use Testing Workgroup has its first meeting on February 14. This workgroup will provide advice on the potential effectiveness and use of inspection and maintenance (I/M) programs for in-use heavy-duty vehicles. Anyone interested in contributing to this effort should contact Dennis Johnson.