

## 12/4/2002 RRAC Meeting Summary

The Reactivity Research Advisory Committee (RRAC) held a teleconference on December 4, 2002 to discuss several VOC reactivity-related issues. Approximately 20 participants attended the meeting, including several ARB staff from Research and Stationary Source Divisions. Richard Corey (ARB/RD) chaired the meeting and briefly introduced the purpose of meeting. A meeting agenda and relevant information were released prior to the meeting. A brief summary of the meeting is as follows.

Dr. Carter (UCR) presented a status report on the ARB's architectural coatings project. Due to the unexpected delay in construction of the new chamber facility, the U.S. EPA funding that was to be used to support the characterization experiments will run out in January 2003. Dr. Carter indicates that some of the initial characterization work may need to be supported by this ARB project. A separate follow-up meeting on this issue between ARB and Dr. Carter was proposed by ARB. In addition, development of a total carbon analysis method, revision to solvent analysis, and updated MIR scale were presented at the meeting.

Jim Nyarady (ARB/SSD) discussed the proposed list of petroleum distillates to be used for chamber experiments. The list was based on inputs provided by ACC and other stakeholders and other factors such as market share. In addition to top three distillates proposed, three additional distillates from middle tier were selected. These six distillates selected (in alphabetical order) are Aromatic 100 (D3734, type I), 7% Aromatic Mineral Spirits (D235, type IB), Low Aromatic Mineral Spirits (D235, type 1C), Odorless Mineral Spirits (D235, type III C-1), 15-20% aromatic Stoddard Solvent (D235, type 1A), and V M & P Naphtha (D3735, type IV). The ACC agreed to supply Dr. Carter with the samples (100 ml) and complete speciation of these six distillates in a few weeks.

Dongmin Luo (ARB/RD) described the MIR update requirement for the California aerosol coatings regulation, which was adopted in June 2000. At the meeting, the Board also directs the Executive Officer to review the Table of MIR values every 18 months to determine if modifications to the MIR values are warranted. At ARB's request, Dr. Carter recalculated MIR values for ~670 VOCs list in the regulation and added approximately 95 new VOCs into the list. Whether or not the revisions to the MIR Table are worth doing was discussed at the meeting. Several participants requested that the MIR Table be updated. A final decision on this will be made shortly.

The meeting adjourned at 12:15 pm.