



## Annual Partnership Topic (APT)

### Telecon Meeting Minutes

Wednesday, 24 February 2010  
11:00 AM EST

Able to Participate	Committee Member	Affiliation
Y	Bill Mahoney (Co-Chair)	National Center for Atmospheric Research (NCAR)
	Jim O'Sullivan (Co-Chair)	National Oceanic and Atmospheric Administration (NOAA)
Y	Andrew Stern	National Weather Service (NWS)
	Dave Helms	NWS Office of Science & Technology (OST)
Y	Jud Stailey	Office of Federal Coordinator for Meteorology (OFCM)
	Erik Peterson	United Parcel Service (UPS)
	Jim Block	Telvent/DTN/ Meteorlogix
	Ben McKeever	Research & Innovative Technology Administration (RITA), USDOT
Y	Paul Pisano	Federal Highway Administration (FHWA), Road Weather Management Program, USDOT
Y	Gina Eosco	American Meteorological Society (AMS)
	Leon Osborne	Meridian Environmental Technologies & University of North Dakota, Surface Transportation Weather Research Center
	Greg Krueger	Michigan DOT
	Michael Hooper	Sirius XM Radio
	Jim Sayer	University of Michigan Transportation Research Institute (UMTRI)
	Robert Koeberlein	Idaho DOT
	Bob Baron	WxWorks, Inc., Baron Group
Y	Richard Clark	Millersville University
Y	Kevin Petty	Vaisala
Y	Sheldon Drobot	NCAR
Y	Art Handman	Chair, Intelligent Transportation Society of America (ITSA) Weather Committee (ex-officio)
	Ed Boselly	Chair, AMS ITS/Surface Transportation Weather Committee (ex-officio)
	- TBD -	Auto Industry Representative
	<b>Non Members</b>	
Y	Gary Rasmussen	AMS

The telecon began at 11:05 AM EST and ended at 11:40 AM EST.

### Agenda Approval

The agenda was approved.

### Old Business

1) **Minutes:** The *Minutes* from the 19 January 2010 meeting in Atlanta were approved (with the correction of a typo). The *Minutes* will be posted to the AMS Enterprise Commission document library at: <http://www.ametsoc.org/boardpges/cwce/docs/BEP/index.html>

2) **Agenda:** The agenda was approved. A report from Paul Pisano on the status of the IntelliDrive<sup>SM</sup> program was added.

3) **BAMS 'In Box' Article:** The article describing various activities related to mobile observations was submitted to the AMS in mid February. It is being targeted as a BAMS 'In Box' article. The committee indicated that if the AMS has a capability to obtain feedback (electronically) on the article, then it would be worth trying to set this up. If doing this is onerous, then it is probably not worth the trouble.

4) **Detroit Testbed:** Sheldon Drobot provided an update on mobile sensor research using the Detroit testbed. About half of the data collection hours have been used to date. This year, the test vehicles have been equipped with Surface Patrol sensors to measure air and pavement temperature and relative humidity. In addition a local weather station is being used for verification instead of relying on airport observations several miles away from the testbed. Sheldon indicated that there is better agreement this year between the vehicle temperatures and the verification datasets. There is still a problem with the pressure data as the resolution of the output again this year is only 10 hPa. The SAE J2735 standard is for output every 2 hPa. The FHWA and NCAR are working with the SAE standard group to change the standard to 1 hPa resolution.

5) **NOAA Mobile Platform Environmental Project:** Jim O'Sullivan was unavailable to report.

6) **IntelliDrive<sup>SM</sup> Program:** Paul Pisano provided an update on the USDOT's IntelliDrive<sup>SM</sup> Program and indicated that the USDOT is moving forward on several fronts and that Shelley Row is supportive of the weather research and development component. Paul indicated that a more formal mechanism is needed by the ITS Joint Program Office (JPO) for seeking feedback from the weather community. One proposal is to create a subcommittee of AMS ITS/Surface Transportation Committee focused on mobile observations that would be the conduit for the JPO. Members of this APT Committee could and probably should participate in this activity. It was noted that this APT Committee will sunset after about 2 years of activity and it would be more appropriate to create a mobile observations subcommittee from the ITS/ST Committee for this purpose since it is a standing committee. Paul will talk to the Chair of the ITS/ST Committee and discuss this further.

7) **Topics Subcommittees:** The chairs of the topics subcommittees have been selected (see below). The chairs will use the topic interest information provided by the members to form the subcommittees. The idea is to capture feedback from the subcommittee members and other interested parties and collate the information for review by the entire APT Committee. Reports from each subcommittee should be no longer than 10 pages. The goal is to have draft reports in hand by the AMS Summer meeting, which is scheduled for the week of 9 August in State College, PA. The subcommittees and chairs are listed below:

- Potential Benefits (Chair, Richard Clark)
- Barriers to Adoption (Chair, Jud Stailey)
- Research Needs (Chair, Leon Osborne)
- Data Quality & Metadata (Chair, Jim O'Sullivan)
- Business Models (Chair, Jim Block)

8) **Driver In-vehicle Weather and Road Hazard Information Preference Survey:** Little action has occurred on this item. The Committee provided feedback on approaches for this survey during our Atlanta meeting. We will gather some cost estimates before the next telecon and begin discussion options for funding the survey.

9) **Next Telecon:** The next telecon is tentatively scheduled for 1 April 2010 at 11:00 AM EDT.