



## ASOS Test Review Board (ATRB)

AGENDA ATRB  
October 9, 2008

1. **Convene - 10:00 AM EDT**

The next meeting of the ASOS TRB will be held on Thursday, October 9, 2008, from 10:00 a.m. to 11:30 a.m. EDT at National Weather Service (NWS) Headquarters, Room 08246. "GOTOMEETING" teleconferencing will be setup to accommodate for those persons who cannot attend the meeting. Invited guests include John Monte (W/OTS11) and Richard Lewis (W/OST32) for the IFW Firmware Sensor Upgrade and AWPAG Hardware and Firmware Upgrades, Greg Daylai (OPS12) for the OID/VDU Replacement using Thin Clients, and Joseph Fiore (OPS24), CL31/CT12K Meteorological Comparison Evaluation.

2. **Chair** [10 Minutes]

- Call to order.
- Role Call for members, alternates, and invited guests.
- Review and ratify previous minutes (09/04/08).

3. **OLD BUSINESS**

A. Status report by focal points on individual "OPEN" Action Items (See 07/23/08 Minutes) [10 Minutes].

**Action Item 1: (OPEN) The minutes from the ATRB meetings, test plans, test reports, and the Powerpoint presentations will be put on the OPS24 web site under ASOS for user access in the near future. The link to the OPS24 website is:**

[http://www.nws.noaa.gov/ops2/ops24/documents/atrb\\_docs.htm](http://www.nws.noaa.gov/ops2/ops24/documents/atrb_docs.htm)

**Action Item 2: (OPEN) John Monte will perform a test of the bird abatement devices without the 4 short rod extensions at Sterling Field Support Center (SFSC), Sterling, VA before OT&E and provide the test results to the ATRB.**

**Action Item 3: (OPEN) OPS12 will provide OPS23 with a modified version of NWS Mod Note 80: ACU/DCP Configuration for ST.**

**Action Item 4: (OPEN) The NWS and FAA will determine the activation date for the new dedicated FTI line.**

**Action Item 5: (OPEN) The NWS will meet separately with the FAA to address concerns about this evaluation. Jerry will distribute the draft plan to the ATRB for review by Friday, September 5. Comments will be due Friday, September 19**

**Action Item 6: (OPEN) The ATRB will review the presentation material and reports including the ST and CL31 Meteorological Evaluation plans and provide comments along with vote by Friday, September 19 whether to proceed to the ST phase for the CL31.**

B. Update on the ASOS Ceilometer Replacement (CL31) System Test for the ceilometer replacement - Khien Nguyen/Jerald Dinges (OPS24)  
[5 minutes]

C. Update on CL31/CT12K Meteorological Comparison Evaluation – Joseph Fiore (OPS24)  
[5 minutes]

D. Update on ASOS OID/ VDU Replacement Using Thin Client – Greg Dalyai (OPS12)  
[5 Minutes]

## 5. NEW BUSINESS

### **A. IFW SENSOR FIRMWARE UPGRAGE (V4.54)**

[20 Minutes]

John Monte (OST11) will present the final test results for the IFW sensor firmware upgrade. These tests were performed at Sterling Field Support Center, Sterling, VA, and include: 1) interface tests to an ASOS test system; 2) Wind tunnel tests; and 3) Environmental Chambers tests.

### **B. AWPAG Sensor Hardware (Wind shields) and Firmware (V3.61) Upgrades**

[20 minutes]

John Monte (OST11) will present the test results from the Winter 2007-2008 test at Sterling Field Support Center, Sterling, VA and Johnstown, PA. The wind shield upgrade implements a stronger support structure and the firmware version upgrade addresses the temperature for the orifice heater cut-off and prevents false tips without missing true precipitation.

**ACTION 1: The ATRB will decide whether to approve proceeding to operational test phase (i.e., ST and OT&E) prior to national deployment.**

6. **SCHEDULE NEXT ATRB MEETING**  
Coordinate DATE/TIME/LOCATION. [5 Minutes]

7. **ADJOURN**

8. **EXECUTIVE SESSION**  
(Special session called when needed. The session closed except for the ATRB members and alternates.)