ASOS CONFIGURATION CONTROL BOARD (ACCB)

ACCB Meeting Minutes of September 26, 2006

I. CONVENE – 10:00 A.M.

Meeting number 60 of the ASOS Configuration Control Board (ACCB) was held on Tuesday, September 26, 2006, in room 4246 of the Silver Spring Metro Center #2.

Members participating:

OPS22 – Joe Facundo (Chair)
OST11 – Bruce Giza
OPS22 – David Mannarano
OS7 – James Heil
ATO-T – Bing Huang
ATO-T – Cal Smith
ATO-W – Don Bui (by Teleconference)
USAF – TSgt Souders (by Teleconference)
SPAWARSYSCEN – Ed Heusinger
OS12 – Rob Ericson (Secretariat)

Advisors and guests included: Kevin Conaty (CIO12), Paul Hamilton (OS12), Tony Leonardo (OPS12), Don Rinker (OPS13), Fred Hauschildt (OPS14), Gary Alessi and Rick Parry (OPS22), Peggy Hoch (OPS23), Gerry Dinges and Bryan Moore (OPS24), and Mike Sturgeon (OST22).

II. Review of Minutes

There were no comments on the June 20, 2006 minutes.

III. Review of Action Item Table

After a discussion of the problem with the lack of updated drawings, the ACCB decided to create two new action items to replace the pending action item: R*ecommend a solution for completing drawing and other documentation updates*.

Action – Ericson: Provide a list of Requests for Change (RCs) that have been approved but not recorded as completed.

Action – Giza: Form an ad hoc group to investigate a solution to the lack of updated drawings, upon receipt of a summary of the problem from Fred Hauschildt.

IV. Items for Discussion and Decision

Peggy Hoch summarized the future ASOS software loads. Prism has completed versions 2.84 and 2.84E that do not include the corrections of the latent defects. Joe Facundo asked about the impact of waiting on delivery until the latent defects fixes are in place. Delivery would be in October and Jerry Dinges indicated that the delay would not affect the testing schedule. The ACCB agreed with the proposal to an October delivery without latent defects. The ACCB asked for more details on the latent defects problem.

Action – Hoch: Provide the details on the latent defects.

Joe Facundo recommended that the remaining software loads be accomplished in serial, wrapping the remaining software changes into version 3.0. The ACCB agreed and decided to form an ad hoc group to recommend the composition of the remaining software loads.

Action – Hoch: Form an ad hoc group to define the V3.0 load, wrapping in V3.2 RCs and Trouble Reports (TRs) where appropriate by November 1, 2006.

Mike Sturgeon noted a software problem with the Ice Free Wind (IFW) Sensor causing a large number of trouble tickets and maintenance actions. Mike will continue to work with Doug Gifford to determine the cause of the problem.

Bruce Giza summarized the remaining Planned Product Improvement (PPI) activities. The All Weather Precipitation Accumulation Gauge (AWPAG) deployment will begin in 2FY07 after a successful evaluation of some early winter wind-driven snow events at 20 sites; the ceilometer contract negotiations will begin in 4 to 6 weeks; and the NWS is working with the contractor to have the Enhanced

Precipitation Identifier (EPI) comply with specifications. Bing Huang asked when the EPI would be deployed. Bruce indicated that testing will be completed and the system would be ready for deployment at the end of April 2007.

Joe Facundo provided a briefing on the projected PPI testing schedule. Early winter testing of the EPI for freezing precipitation will begin at Johnstown and Sterling when software version 2.88E is available. The plan is to conduct an early winter field demonstration including evaluating false hail events at a number of sites running through April 2007. Additional independent activities include specification compliance certification and Operational Acceptance Testing (OAT).

The ceilometer will be tested to the current federal standards (i.e., clear below 12,000 feet), with independent verification using LIDARs at Sterling and Howard University. NWS will continue to evaluate the system for 1 year after contract award and when the Federal Meteorological Handbook standards are changed the system will be tested for ceilings up to 25,000 feet.

Bryan Moore summarized the software testing schedules for versions 2.84 and 2.84E. For version 2.84, OPS 23 will baseline the software within 2 weeks, OPS24 will conduct system testing for an additional 3 weeks, and FAA will conduct interface testing for 3 more weeks. In mid-November, version 2.84 software will be deployed at twelve sites for OAT and version 2.83 will be installed at Boston and Orlando for testing through December 1, 2006. After that, the software will be deployed to 20 additional sites for testing through January 2007. Cal Smith of the FAA reminded the ACCB that the FAA moratorium on changes will go into affect in November and December and should be taken into account in the testing schedule. Ed Heusinger indicated that the Navy was interested in testing this software at Charleston and TSgt Souders expressed interest in the Air Force testing this software at Fort Rucker. Bryan will distribute the software to the Navy and the Air Force for testing.

Version 2.84E baselining and testing will begin in October. Joe Facundo questioned if 2 weeks of system testing was long enough and if Sterling was trained and ready to start the test. Bryan Moore indicated that Joe Fiore would be executing a new task order in October that requires the contractor to be ready for testing.

V. RCs Processed or In Process

Rob Ericson provided an RC status report of items adjudicated or received since the last meeting:

- S01063 (FAA106) Delete RVRNO Code from METAR Report -

Rescinded

- AC172 (FAA261) Rev 1 Provide VDU Output for FAA TDLS at 14 Sites (2 sites changed) – **Approved**

- 9311 (FAA290) Move ACU and OID at Manchester, NH – **Approved**

- 9872 (FAA319) Connect ASOS to SAIDS at Palm Springs, CA – **In Process**

- 9873 (FAA314) Relocate ACU at Miami, FL - **Approved**

- 9874 (SRH853) Replace Damaged ASOS Sensor Group at Salt Point, LA - **In Process**

- 9918 (FAA314) Move ACU at Aurora, IL - **Approved**

- 9919 (FAA316) Connect FS21 With ASOS VDU at A-76 AFSS Locations - **Approved**

- 9950 (FAA317) Move ACU at Ft. Worth, TX - **Approved**

- 9951 (ERH803) Remove UPS and Batteries from the ACU at Caribou, ME – **Approved**

- 9952 (V0018B and V0019) Ice Free Wind Sensor Verifier Replacement and Firmware v4.50 – **Approved (Fast Track)**

- 9953 (WRH377) Install UPS to the ACU and DCP at Shelton, WA – **Approved**

- 9954 (WRH383) Move ACU at Sexton Summit, OR - **Approved**

- 9955 (FAA318) Move ACU at Millville, NJ - **Approved**

- 9972 (FAA319) Connect ASOS to SAIDS at Palm Springs, CA - **In Review**

- 9982 (FAA320) Move ACU and Add OID and Antenna at Phoenix, AZ **Approved**

- 9991 (FAA321) Move ACU at New Orleans Lakefront Airport. LA – **Approved**

- 10019 (NWS605 Rev C) V2.83E OAT and EPI Field Demonstration – **Withdrawn** (To be resubmitted after testing is complete)

- 10022 (WRH384) Install a Wind Tower Maintenance Tie Down Anchor at Selected Sites – **On Hold**

- 10023 (WRH385) Move ACU at Logan, UT – **Approved**

- 10031 (NWS695) Upgrade Sites in Selected Coastal Hurricane-Prone Locations – **Approved**

- 10036 (ERH807) Move DCP and Combined Sensor Group at Caribou, ME – **Approved**

- 10055 (FAA322) Change ASOS RVR Reporting to Comply with FAAO 7900.5 Requirements – **On Hold**

- 10102 (WRH387) Add UPS at Campo, CA – **Approved**

- 10103 (ERH809) Move the Combined Sensor Group at Wilmington, OH – **Approved**

- 10105 (FAA324) Move ACU at Ann Arbor, MI – **Approved**

- 10119 (FAA325) Connect RVR to ASOS at San Antonio International Airport, TX – **In Review**

- 10120 (FAA326) Move ACU at Ann Arbor, MI – **Approved**

- 10121 (FAA323) Move the Combined Sensor Group at Iowa City, IA – **Approved**

- 10122 (FAA327) Add VDU at Chicago O’Hare, IL – **Approved**

- 10128 (WRH389) Install 5 Meter Tipping Wind Towers at Elevated Sensor Platforms – **In Process**

- 10154 (FAA328) Add OID and Modems to New ATCT at Leesburg, FL – **In Review**

- 10158 (SRH869) Install UPS to ACUs and DCPs at Farmington, Raton, and Clayton, NM – **In Process**

- 10162 (FAA329) Move ACU at Billings, MT – **In Review**

- 10173 (WRH868) Move ACU at Wichita Falls, TX – **In Review**

- 10174 (SRH871) Raise Combined Sensor Group at Bootheville, LA – **In Process**

- 10175 (FAA330) Move ASOS from Utica to Rome, NY – **In Process**

- 10182 (FAA331) Install GTA Radio at Esler Field, Alexandria, LA – **In Process**

- 10184 (FAA332) Move ASOS Observer OID at Muskegon, MI - **In Process**

- 10214 (WRH390) Install UPS on the DCP at Deer Park, WA - **In Review**

Bruce Giza told the ACCB that the IFW sensor wind evaluation is on track and there is a need to modify the bird perch. Joe Facundo asked for an RC to resolve that problem and indicated a need for another RC from John Monte for the frog basket modification.

Action – Sturgeon: Draft an RC on the IFW bird perch modification.

Action – Ericson: Request an RC from John Monte on the frog basket modification.

VI. Items for Discussion

In their June 26, 2006 meeting, the ASOS Program Management Committee tasked the ACCB to evaluate the operational and test trouble reports. After a discussion on how to adjudicate trouble reports and how to report back to the ACCB and APMC, the ACCB decided to form an ad hoc group to accomplish the task.

Action – Alessi: Form an ad hoc group to prepare a definitive list of OTRs and TTRs, including the software load assignment, status, and pending action; post to the ASOS web site by November 1, 2006.

VII. Next Meeting

The next ACCB Meeting is tentatively scheduled for Tuesday, November 14, 2006, at 9:30 A.M. in Room 4246 of the SSMC2 Building in Silver Spring, Maryland.

VIII. ADJOURNED 11:30

ASOS CONFIGURATION CONTROL BOARD ACTION ITEM/IMPLEMENTATION TABLE

ITEMS WITHOUT APPROVAL DATES MAY BE ELIGIBLE FOR FINAL VOTE UPON COMPLETION OF ACTION ITEMS.
FOCAL POINTS ARE RESPONSIBLE FOR REPORTING ACTION ITEM STATUS.

Reference	FOCAL PT	REQUIRED ACTION	AI STATUS	DUE
General Actions	Ahlberg	Recommend a solution for completing drawing and other documentation updates.	Superseded 9/26/06	
	Ericson	Provide a list of RCs that have been approved but not recorded as completed.	Completed 9/26/06	
	Giza	Form an ad hoc group to investigate a solution to the lack of updated drawings, upon receipt of a summary of the problem from Fred Hauschildt. Provide details on the latent defects.	Assigned 9/26/06	
	Hoch	Provide details on the latent defects.	Completed 9/27/06	
	Hoch	Form an ad hoc group to define the V3.0 load, wrapping in V3.2 RCs and TRs where appropriate.	Assigned 9/26/06	11/1/06
	Sturgeon	Draft an RC on the bird perch modification.	Assigned 9/26/06	
	Ericson	Request an RC from John Monte on the frog basket modification.	Completed 9/26/06	
	Alessi	Form an ad hoc group to prepare a definitive list of OTRs and TTRs, including the software load assignment, status, and pending action; post to the ASOS web site.	Assigned 9/26/06	11/1/06