



ASOS CONFIGURATION CONTROL BOARD (ACCB)

ACCB Meeting Minutes of November 14, 2006

I. CONVENE - 10:00 A.M.

Meeting number 61 of the ASOS Configuration Control Board (ACCB) was held on Tuesday, November 14, 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 (teleconference)
ATO-W - Don Bui (teleconference)
USAF - Not represented
SPAWARSYSCEN - Ed Heusinger (teleconference)
OS12 - Rob Ericson (secretariat)

Advisors and guests included: Tuyen Kieu (FAA), Paul Hamilton (OS1), Fred Hauschildt (OPS14), Gary Alessi and Rick Parry (OPS22), Jerald Dinges and Bryan Moore (OPS24), Kevin Conaty (OPS33), Rich Thomas and Peggy Hoch (OPS23); Mike Sturgeon (OST11), Tom Townsend (CRH), and Bob Brashears (WRH).

II. Review of Minutes

The minutes for the September 26, 2006 meeting were corrected as requested by the ACCB and redistributed to the members after the meeting.

III. Review of Action Item Table

Bruce Giza reported that upon receipt of a list of RCs needing drawings provided by Fred Hauschildt, he was able to form an ad hoc group to investigate a solution to the lack of updated drawings. The group met on November 8, 2006 to identify the highest priority drawings to be updated by a contractor in W/OPS13, available part time to the ASOS program.

Action - Hauschildt: Present the status of the RC drawing issue at the next ACCB meeting.

Joe Facundo recommended that the ACCB evaluate the proposed frog basket modification for ASOS.

Action - Facundo: Form an ad hoc group to resolve the frog basket modification issue and draft an action plan.

IV. Items for Discussion and Decision

Peggy Hoch organized an ad hoc group to define the Software Version 3.0 (V3.0) load. The group met on October 31, 2006 and compiled a list of previously approved RCs with recommendations for the ACCB ("Requests for Change Adjudicated on October 31, 2006" - attached).

Cal Smith recommended and the ACCB agreed to rescind RC S00848 (APO040) GTA Broadcast after a Corrected Report is Generated. The ACCB also agreed to rescind RC S01127 (CRH611S) Compute and Display Wind Chill and Heat Index on AUX-"WX Page.

Cal Smith stated that there needs to be a cost effective solution for RC S00583 (NWS328S) Capability to Transmit Hourly SAOs Early. He suggested that the software group explore other options that would resolve the problem at lower cost.

Action - Hoch: Provide a rough-order-of-magnitude cost estimate to the FAA for the alternate solution for RC S00853.

Jim Heil noted that the FMH-1 already covers the needs of RC AC921 (NWS690S) Sky Condition Algorithm Certification for 25K & 40K Ceilometers. Bruce Giza noted that there is no requirement for a

40K ceilometer and Joe Facundo expressed a need for an evaluation process for the 25K ceilometer.

Action - Hoch: Distribute the Sky Condition Algorithm for ACCB review.

Action - Facundo: Form an ad hoc group to propose an evaluation process for the 25K Sky Condition Algorithm.

Garry Alesii formed an ad hoc group to make recommendations to the ACCB on the disposition of open trouble reports ("ASOS Operational Trouble Report (OTR) Data Base" - attached). Priority 1 OTRs require immediate correction and will be included in V2.79. An additional problem with the ADAS dewpoint reporting problem should be submitted and added to the priority 1 list. Priority 2 OTRs will be included in V3.0. The ACCB discussed the Priority 2 list and assigned the following action items:

Action - Smith and Huang: Write an OTR on the ADAS dewpoint reporting problem.

Action - Dinges: Revise the test procedures to assist the FAA Tech Center to verify the message content in the 1 minute data on the ADAS communications line.

Action - Giza: Install the IFW Sensor and the AWPAG at Atlantic City.

Action - Hoch and Alessi: Convene another meeting to review the remaining OTR issues and report any updates to the ACCB.

Peggy Hoch presented the software group's recommendations to the ACCB for V3.0 Builds 1, 2, and 3 ("ASOS Software Version 3.0 - Approved RCs, OTRs, and TTRs" - attached). PRISM has been funded to work on Build 1. Joe Facundo asked the ACCB members to review the Build 2 and 3 lists prior to the next ACCB meeting. Following are actions resulting from the discussion of V3.0:

Action - Hoch: Provide the details on the pending RC on the ASOS Redesign of Tasking and Inter-task Communications.

Action - ACCB Members: Review the Build 2 and 3 items on the V3.0 list.

V. RCs Processed or In Process

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

- 9874 Rev 2 (SRH853) Replace Damaged ASOS Sensor Group at Salt Point, LA - **In Review**
- 9972 (FAA319) Connect ASOS to SAIDS at Palm Springs, CA - **Approved**
- 10022 (WRH384) Install a Wind Tower Maintenance Tie Down Anchor at Selected Sites - **Withdrawn**
- 10055 (FAA322) Change ASOS RVR Reporting to Comply with FAAO 7900.5 Requirements - **Approved**
- 10119 (FAA325) Connect RVR to ASOS at San Antonio International Airport, TX - **Approved**
- 10128 (WRH389) Install 5 Meter Tipping Wind Towers at Elevated Sensor Platforms at Blue Canyon, CA; Mullan Pass, ID; and Stampede Pass, WA - **On Hold**
- 10154 (FAA328) Add OID and Modems to New ATCT at Leesburg, FL - **Approved**
- 10158 (SRH869) Install UPS to ACUs and DCPs at Farmington, Raton, and Clayton, NM - **Approved**
- 10162 (FAA329) Move ACU at Billings, MT - **Approved**
- 10173 (WRH868) Move ACU at Wichita Falls, TX - **Approved**
- 10174 (SRH871) Raise Combined Sensor Group at Bootheville, LA - **Approved**
- 10175 (FAA330) Move ASOS from Utica to Rome, NY - **Approved**
- 10182 Rev 1 (FAA331) Install GTA Radio at Esler Field, Alexandria, LA - **In Process**
- 10184 (FAA332) Move ASOS Observer OID at Muskegon, MI - **Approved**
- 10214 (WRH390) Install UPS on the DCP at Deer Park, WA - **Approved**
- 10243 (FAA333) Move ACU and OID at Covington, KY - **In Process**

- 10246 (FAA334) Connect RVR to ASOS at Chicago Midway International Airport, Chicago, IL - **In Process**
- 10247 (WRH393) ADD UPS to the Single Cabinet ASOS at Rome, OR - **In Process**
- 10287 (WRH394) Add UPS to the DCP at Mullan Pass, ID - **In Process**
- 10288 (FAA335) Move ACU at Alexandria, LA - **In Process**
- 10289 (FAA336) Add VDU at Islip, NY - **In Process**

VI. Items for Discussion

VII. Next Meeting

The next ACCB Meeting is tentatively scheduled for Tuesday, February 6, 2007 at 9:30 A.M. in Room 4246 of the SSMC2 Building in Silver Spring, Maryland.

VIII. ADJOURNED 11:20

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.	Completed 11/8/06	
	Hoch	Provide details on the latent defects.	Completed 10/31/06	
	Hoch	Form an ad hoc group to define the V3.0 load, wrapping in V3.2 RCs and TRs where appropriate.	Completed 9/27/06	
	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.	Completed 10/24/06	
	Facundo	Form an ad hoc group to resolve the frog basket modification issue and draft an action plan.	Assigned 11/14/06	
	Hoch	Provide a rough-order-of-magnitude cost estimate to the FAA for the alternate solution for RC S00853.	Assigned 11/14/06	
	Hoch		Assigned 11/14/06	
Facundo	Distribute the Sky Condition Algorithm for ACCB review.	Assigned 11/14/06		

Reference	FOCAL PT	REQUIRED ACTION	AI STATUS	DUE
	Smith Huang	Form an ad hoc group to propose an evaluation process for the 25K Sky Condition Algorithm.	Assigned 11/14/06	
	Dinges	Write an OTR on the ADAS dewpoint reporting problem.	Assigned 11/14/06	
	Giza	Revise the test procedures to assist the FAA Tech Center to verify the message content in the 1 minute data on the ADAS communications line.	Assigned 11/14/06	
	Hoch Alessi	Install the IFW Sensor and the AWPAG at Atlantic City.	Assigned 11/14/06	
	Hoch	Convene another meeting to review the remaining OTR issues and report any updates to the ACCB.	Assigned 11/14/06	
	ACCB Members	Provide the details on the pending RC on the ASOS Redesign of Tasking and Inter-task Communications.	Assigned 11/14/06	1/9/07
	Hauschildt	Review the Build 2 and 3 items on the software version 3.0 list.	Assigned 11/14/06	1/9/07
		Present the status of the RC drawing issue at the next ACCB meeting.		