

“CL31 Replacement with ASOS ACU V2.79X, DCP V2.0 EPROM, and IFW Sensor Firmware V4.54” OT&E Test Review Group Status Meeting

August 6, 2009

ATTENDEES:

NWS:

OT&E Site Electronics System Analyst (ESA)/ Electronic Technician (ET):

WFO Caribou, ME
WFO Wilmington, OH
WFO Blacksburg, VA
WFO Gaylord, MI
WFO Dodge City, KS
WFO Jackson, KY
WFO Midland, TX
WFO Amarillo, TX
WFO Norman, OK
WFO Cheyenne, WY
WFO Phoenix, AZ
WFO Spokane, WA

NWS Regional Headquarters:

Don Bolton, ARH (ABSENT)
Jim Jones, ARH (ABSENT)
John Bush PRH
Lew Harrington, SRH RMS
Dan Lester, CRH RMS
Tom Townsend CRH (ABSENT)
Duane Wilkinson CRH ASOS Focal Point
Bob Brashears CRH (ABSENT)
Matt Ferrell, ERH RMS (ABSENT)
Kevin Murray, ERH (ABSENT)
Tim Rutkowski, ERH (ABSENT)
Son Nguyen, WRH

National Weather Service Headquarters:

John Monte – W/OST11
Joel Williams W/OST/11
Joyce Dickerson – W/OST11
Greg Dalyai – W/OPS12 (ABSENT)
Joseph Devost – W/OPS12 (ABSENT)
Mickey Renegar – W/OPS12 (ABSENT)
David Mannarano – W/OPS22
Richard Parry - W/OPS22 (ABSENT)
Chet Schmitt – W/OPS22

Peggy Hoch – W/OPS23 (ABSENT)
Hak Kim – W/OPS23
Kevin Conaty – AOMC (ABSENT)
Tony Weiss -AOMC
Beth McNulty – W/OS23
Laura Cook – W/OS7
Fred Hauschildt – W/OPS14 (ABSENT)
Jennifer Dover – W/OPS22 (ABSENT)
Brian Rice – SAIC SFSC (ABSENT)
Barbara Childs – SAIC SFSC (ABSENT)
Khien Nguyen – W/OPS24 (ABSENT)
Harry Tran – W/OPS24 (ABSENT)
Joseph Fiore – W/OPS24 (OT&E Test Director)
Jerald Dinges – W/OPS24 (Moderator)

National Weather Service Training Center

Bob Retzlaff - Kansas City, MO
Bill Ryman (W/OPS12)

National Reconditioning Center (NRC)

Mark Russo – Kansas City, MO (ABSENT)

NWS Employees Organization (NWSEO) Representative:

Chris Kornkven –WFO Milwaukee, WI

FAA:

Bing Huang, ATO- T
Jerry Kranz, (contractor)

DOD - U.S. Navy:

Gerald “Wayne” Knight - Space and Naval Warfare System Center
(SPAWARSYSCEN), Charleston, SC (ABSENT)

Ronald Heatherdale – Space and Naval Warfare System Center (SPAWARSYSCEN),
Charleston, SC

DOD - U.S. Air Force:

William (Mac) Lawrence
Ricky Keil (ABSENT)

The twenty-second CL31 ceilometer replacement Operational Test and Evaluation
(OT&E) Test Review Group (TRG) status meeting was held by audio conference call on
Thursday, August 6, 2009. Jerry Dinges, moderator, convened the meeting with a “roll
call” (See above list of attendees).

After roll call, Jerry asked the TRG if there were any changes to the minutes from the July 30th TRG meeting. There were no changes to the minutes. The minutes from the July 30th TRG meeting were ratified, and will be posted on the W/OPS24 website:

http://www.nws.noaa.gov/ops2/ops24/documents/asos_ceilometer.htm

The first topic discussed was an update of the weekly SYSLOG analysis at the CL31 OT&E sites provided by John Monte (W/OST11). **John reported overall, most sites continue to exhibit no SYSLOG issues since installing V2.79V and now V2.79X.** John reported that some sites have experienced random “window condition” failures or warnings. John stated that OKC had a “window condition” failure on their CL31’s, and the ET went out to the CL31’s and cleaned the windows. Lew Harrington will ask OKC what the condition of the window was before they cleaned the window. Spokane, WA (GEG) and Portland, OR (HIO) continued to work on the SIO card error that was seen at GEG. The CL31 from GEG was installed at HIO, and it initially failed. After ET investigation, it was determined that a FO cable at the DCP was bad, causing the CL31 to fail. The FO cable was replaced, and the CL31 has been operating with no problems since the FO cable was replaced. HIO still has the original CL31 that they took off the ASOS at HIO. HIO will hold onto this CL31 for another few days until it is confirmed that the CL31 at HIO (from GEG) is operating properly. The CL31 from Malmstrom AFB (GFA) was diverted from NRC to GEG when it was believed that the CL31 at HIO was bad. GEG should receive the CL31 from GFA by August 7. GEG will install the CL31 from GFA on their ASOS and monitor its operation in an attempt to solve the SIO card errors at GEG. If the CL31 from GFA installed at GEG operates without problems it will be kept on the GEG ASOS. If the CL31 on the ASOS at HIO has no problems, the extra HIO CL31 may be shipped to NRC to support field questions during deployment.

John Monte stated that if GEG continues to exhibit the SIO card errors, that GEG should move the CL31 to a different SIO card and port. Hak Kim (W/OPS23) then stated that since the CT-12K has been re-configured at GEG (until they receive the CL31 from GFA), there have been no more SIO card transmission errors at GEG. Hak stated that the plan to troubleshoot the SIO card transmission at GEG should follow a three-step priority. First, they should fix their ACU/DCP comms errors. Next, they should move the CL31 to a different SIO card and port (John Monte’s suggestion), and as a last resort, the ACU software would need to be modified to allow the CL31 to be configured to a baud rate of 2400. Currently, the baud rate on the CL31 is hard coded to 9600 in the ACU software, even though the baud rate can be changed to 2400 or 9600 at the CL31. Hak believes that the fast baud rate of 9600 may be causing some of the SIO card errors at GEG. However, the other OT&E sites have not experienced chronic problems with SIO card errors like GEG. This change would require an RC for a software modification, and would only occur if the other solutions fail to fix the SIO card error problem.

GEG reported some CT-12K sensor response timeouts (1015 errors) since they re-configured the CT-12K at GEG. GEG also that since the FZRA sensor was de-configured, there were no more CT-12K sensor response timeouts. John Monte asked

GEG to re-configure their FZRA sensor for one day to see if the CT-12K sensor response timeouts (1015 errors) return.

To help fix the ACU/DCP comms errors at GEG, Walt Jameson (ET PHX) stated that GEG should once again contact the FAA to have them turn off their SAWS equipment that Walt believes is interfering with the ACU/DCP communications at GEG. After a long discussion, John Monte agreed to have GEG install a band pass filter on their ASOS to filter out this interference. John will also make sure that the appropriate FAA contacts at GEG are contacted about the SAWS interference. John Monte and Hak Kim will continue to assist GEG in trouble shooting this problem.

Replacing a failed DTS-1 sensor and moving the DTS-1 sensor to another card and port resolved the SIO card problem at GDP.

Next, John asked about the status of CL31 at Aberdeen, SD (ABR). Dan Lester CRH reported that ABR had successfully replaced the engine board on the CL31 at ABR, and that the CL31 was operating without any problems since the engine board was replaced.

The next topic discussed was a status report on CL31 false reporting of low clouds/SPECIs focusing on OKC and GEG (TTR # 224 False Reporting of Low Clouds with SCT Layer). OKC reported that since the grass was cut at OKC, the bird activity has significantly decreased around the CL31's at OKC. OKC also reported that taking off the vertical rods bars has also decreased bird activity around the CL31. OKC stated that the bird did not sit on the CL31 since the vertical rods were removed. OKC stated that the birds were using the vertical rods as a perch, and were jumping back and forth from one vertical rod to the other across the CL31 window. John Monte stated that the final report on the bird abatement that was done at SFSC was near completion, and that he would present a summary report on the results of that study at next weeks CL31 RG meeting. Because the bird activity has significantly decreased since the grass was cut, the "false cloud" problem at OKC has not occurred again. This problem is not chronic, and seems to be resolved for now, but it will continue to be monitored. It was noted cutting the grass around the ASOS might not be a simple remedy for the bird problem at other airport locations where the grass might not be cut but once a season.

John then asked the USAF and FAA if they had a chance to ask their agency if there was any bird intrusion problem associated with the ceilometers on their automated systems. The USAF reported that there were not bird intrusion problems into the ceilometers reported at their sites. The FAA will ask their sites about the bird intrusion into the ceilometers

The next topic discussed was a status on the proposal by Dan Lester (NWS CR) to have the OT&E sites configure their Freezing Rain (FZRA) sensors to see if adding another sensor to the suite has any adverse effect on the V2.79X firmware. **Joe reported that all sites have re-configured and turn on their FZRA sensors except for Dodge City, KS (DDC) and Guadalupe Pass, TX.**

Next, Walt Jameson (ET PHX) reported a problem he had seen at PHX in which there was an unexplained “\$” generated. Walt reported that before he could investigate this problem, the AOMC cleared the “\$”. Walt asked if the AOMC would not clear the “\$” counts his site and other sites during OT&E. AOMC did not agree with this proposal. Jerry asked the regions what they thought about this proposal. Central Region agreed with the proposal, the Western and Pacific region had no comment on the proposal, and the Eastern and Southern Regions were not available for comment. This unexplained “\$” has occurred in ASOS firmware loads prior to V2.79V or V2.79X. W/OPS24 and AOMC will follow up on this proposal before the TRG meeting next week. If no resolution is in place before the meeting next week, it will be discussed at the TRG meeting.

Jerry concluded the CL31 portion of the meeting by stating that the focus in the next couple of weeks will on continuing to resolve the issue at GEG and monitoring the bird issue at OKC. Jerry also stated that an OT&E “wrap up” meeting would be held on August 20, and **the TRG will be asked to vote on whether to proceed to national deployment of the CL31 at the August 20th TRG meeting.**

W/OPS24 will continue to gather several pieces of information needed for the completion of OT&E including:

- 1) Completing the SYSLOG analysis from the ‘baseline’ SYSLOG analysis before V2.79V OT&E;
- 2) Collecting the TTRs, OTR, and RC documented during the OT&E for adjudication;
- 3) Collecting the OT&E questionnaire from the 21 OT&E sites;
- 4) Collecting the comments on Mod Note 80 and Mod Note 92 from the OT&E sites;
- 5) Writing a “lessons learned” document from the OT&E; and,
- 6) Ensuring the OT&E test objectives (sent out my email to the TRG on 7/1/09) are met.

This concluded the session on the CL31 OT&E.

Jerry and Brian Rice (SAIC SFSC) next provided a brief update on the status of V3.01 ST. First, Jerry reported that he sent the modified V3.01 ST Test Plan out for review on August 6th. Jerry then reported that NCDC is now an active member of V3.01ST. NCDC will dial into the SFSC ST1 ASOS to download the ASOS data and assure that it is correct. Jerry reported the 10 remaining regression tests (ADAS ALDARS and FTI tests) need to be performed by Khien Nguyen with the FAA Technical Center, Atlantic City, NJ when he returns from emergency leave. 37 of 79 additional specific functional tests still need to be run at SFSC. After all the tests and data sets have been run successfully on ST0, they will be run again on the SCA ASOS at SFSC. This concluded the session on the ASOS V3.01 ST.

Jerry also informed the TRG a new ST for the AWPAG LogoSense V3.61 and orifice heater V2.1 will start in August using the new SCA system (ST2) at SFSC. Harry Tran is the ST Director for this new project. This project was approved by the ATRB in

February 2009 and the ST strategy approved in May 2009. OPS22 finished coordinating a policy decision to set the now programmable low temperature cut-off threshold on the orifice heater to be always set 9F degrees. The ST will validate the draft NWS Engineering Modification Note and validate the new AWPAG firmware has no negative affect on ASOS using V2.79X, V2.7D, and V3.01 ACU firmware.

This concluded the session on status of the ST for ASOS ACU V3.01.

Finally Jerry summarized the test readiness of the Thin Client OT&E. Jerry stated the Thin Client OT&E began with OT&E “Kick-Off” Test Readiness Review (TRR) Meeting for Thin Client OT&E is scheduled via teleconference at WSH at 1:30 PM EST on Wednesday, August 5th. Jerry reported that TRG meeting for the Thin Client OT&E will be held separately on Wednesdays during OT&E. The goal; if all sites have installed their thin clients and there are no critical TTRs’; is to have the wrap up for the OT&E on August 19.

This concluded the session on the AXEL thin client logistics replacement for ASOS OID/VDUs.

The following is the accounting for each action items from the previous TRG meetings:

- a. Action Items 8 (03/09/09), 17 (3/19/09), 35 (4/16/09), 43 (5/7/09), 79 (6/11/09), 84 (6/18/09), 85 (6/18/09), and 93 (7/1/09) will remain OPEN (No change until Phase II OT&E). **NO CHANGE**
- b. Action Items 108 (7/23/09), 110 (7/23/09), 112 (7/23/09), and 113 (7/23/09) were **CLOSED**.
- c. Action Items 109 (7/23/09) and 111 (7/23/09) remain **OPEN**.

The specifics for each action item follow:

Related to CL31 OT&E:

Action Item 8 (03/09/09) - OPEN: WSH will download the SYSLOG error messages (1015, 1515, and 1537) from all 22 OT&E sites daily and will analyze the data to determine how many random sensor time out SYSLOG error messages are generated with a \$. SAIC contract personnel at Sterling Field Support Center, Sterling VA will perform the work. Jennifer Dover (W/OPS22) will report the statistics to the OT&E TRG at the weekly meetings during the OT&E. In preparation for this activity OPS24 personnel will analyze the same SYSLOG error messages for each 15 OT&E site (22 minus the 7 Meteorological Comparison Evaluation Beta sites) for 30 days PRIOR to the OT&E. This analysis will “baseline” the number of random sensor time out errors occurrences before V2.79 V is installed.

STATUS: This action will remain open until the completion of the V2.79X OT&E (currently planned for mid-August). An NWS “tiger team” has been formed to perform detailed analysis on this SIO card error problem. The “tiger team” was originally lead by

W/OPS12 and NRC, with participation by W/OPS22, W/OPS23, W/OPS24, and W/OST11. The “tiger team” responsibilities have been shifted to W/OST11 and W/OPS23. The SIO card errors are now isolated to GEG. W/OST11 and W/OPS23 are working with GEG to solve these problems. The “tiger team” will determine if the SIO card errors are serious enough to stop the deployment of the CL31 ceilometers and suspend OT&E until the problem is fixed.

Action Item 17 (03/19/09) – OPEN: Re-Assigned to W/OPS22 and W/OS7. W/OPS22 will coordinate the policy and procedure for disposal of the old CT12K sensors after deployment of the CL31 sensors. The disposition of the remainder of the CT12Ks will be in accordance with procedures defined by OPS12.

STATUS: Dave Mannarano reported that W/OPS22 would talk in detail about plans for disposal of the old CT-12K ceilometers during Deployment Readiness Review Meetings which will be piggy backed onto the CL31 TRG meeting beginning in late June when OT&E is nearing completion. Dave stated that the initial plan is to have approximately 300 CT-12K ceilometers shipped to NRC after the CL31 ceilometers are deployed and installed. Dave said that there was no resolution yet on who would pay for the shipping and local disposal of the remaining CT-12K ceilometers after deployment of the CL31 ceilometers. **This Action Item will remain open until OT&E is complete and until the CL31 Deployment Readiness meetings are conducted “piggy backed” to the end of the CL31 TRG meetings in mid July.**

Action Item 35 (4/16/09) - OPEN: Assigned to OPS12 and OPS24. Greg Dalyai and Jerry Dinges will track “Lessons Learned” to ensure the problems encountered and solutions found are published, as appropriate (i.e., test report, final Mod notes, Tech tips, etc.) to minimize repeated problems occurring during the installations of CL31 for general deployment.

STATUS: **This action item will remain OPEN until the OT&E Final Report is generated. A summary of lessons learned will be developed before the final report is generated.**

Action Item 43 (5/7/09) OPEN: Assigned to W/OPS12. Joe Devost and Greg Dalyai will coordinate with the field on plans to discuss options for a possible national policy on the issue of the new solar winds program download problems on ET’s laptops, and possible issues with local WFO access rights with the laptops and the LAN.

STATUS: W/OPS12 will continue to investigate options for downloading the solar winds programs to the ET’s laptop with WSH, the NWS regions, and the individual WFO’s. **This action item will remain OPEN until the conclusion of OT&E. W/OPS12 will contact National Weather Service Headquarters’ IT to help resolve this issue. A recommendation was made by the TRG to have W/OPS12 contact the ASOS security officer about national policy on this issue.**

Action Item 79 (6/11/09) OPEN: Assigned to OPS24. Jerald Dinges will ensure a recommendation in the OT&E test report state, the Maintenance Branch (W/OPS12)

establish a “tech tip” documenting a recommended port assignment scheme for sensors contacted through the SIO card on ASOS. New Action: Jerry will coordinate and lead a meeting between W/OPS24, W/OPS23, W/OPS22, W/OPS12, and W/OST11 to discuss this topic next week

STATUS: The SIO card errors and prioritization of SIO ports was discussed at a separate meeting between NWS Headquarters (WSH) W/OPS24, W/OPS23, W/OPS22, W/OPS12, and W/OST11. The meeting took place at WSH on July 15th, and minutes from that meeting will be attached to the July 16th TRG minutes. OPS12 was assigned the action with NRC to determine the problem sites’ configuration before and after the CL31 was installed and to determine if prioritizing port assignment of sensor on the SIO card will decrease the occurrence of ASOS SYSLOG error problems.

UPDATE: The urgency of this action was lowered since the GDP and GEG sites were deemed the only 2 OT&E sites with chronic SYSLOG error reports for the CL31. The problem at GDP appears resolved by replacing a faulty DTS1 sensor. The problem at GEG is being worked on at the site and might be caused by a faulty CL31 at GEG.

This action item will remain open until the OT&E test report is complete.

Action Item 84 (6/18/09) OPEN: Assigned to regional focal points and OT&E sites. The regional focal points and field sites (sites with temporary mounts) that ordered and received additional SIO, A/D cards, power control modules, and Fiber Optic Modems for OT&E need to remove them from their respective DCPs at the conclusion of the OT&E and return them for credit to clear the due-in.

STATUS: This action will remain open until all Regions report their OT&E sites have turned in the parts back to NLSC for the temporary mounts for credit on “due ins.” Joe Fiore will help focal points track all actions are completed to ensure the proper disposal of the temporary mounts at each affected sites.

Action Item 85(6/18/09) OPEN: Assigned to OPS24 and OPS12. Joe Fiore will work with Joe DeVost to collect all comments received from the OT&E ETs on both NWS Engineering Modification Note #80 and #92 and send them to all the ASOS OT&E ESAs and ETs so they can see what comments have been noted during the OT&E during the installation phase of the new Vaisala CL31 and the associated ASOS ACU firmware and DCP EPROMs.

STATUS: This action will remain open until the regions confirm we received all comments on the draft mod notes from the OT&E sites.

Action Item 93 (7/1/09) OPEN: Assigned to W/OPS24 and W/OST11 a comparison of the “baseline” SYSLOGs and the SYSLOGs after the CL31 became the stand-alone ceilometer will be performed by W/OPS24 and W/OST11.

UPDATE: Joe Fiore sent a spreadsheet summarizing the SYSLOG analysis for the ASOS “baseline” firmware prior to OT&E out to the TRG on July 7. Final

comparison between the “baseline” SYSLOG analysis and the SYSLOG analysis for V2.79V/V2.79X after the CL31 was the stand-alone sensor (CT-12K deconfigured) will be completed before the end of the OT&E.

STATUS: This action will remain “OPEN” until the end of the OT&E.

Action Item 109 (7/23/09) OPEN: Assigned to WFO Midland, TX and WFO Spokane WA and their respective NWS southern and western regional headquarters ASOS focal points. The WFO Midland agreed to ask WFO Amarillo, TX if they were willing to switch the Guymon, OK (GUY) CL31 sensor for the GDP CL31 sensor. During the meeting, the WFO in Midland (GDP) contacted the WFO in Amarillo (GUY), and they agreed to meet in Amarillo to swap the CL31 sensors next Tuesday, July 28th. WFO Midland will include Lew Harrington (SR Focal Point) in any correspondence on the status of this switch. The WFO in Spokane, WA (GEG) agreed to ask the WFO in Portland, OR (HIO) to see if they could swap the CL31’s. Son Nguyen (WR Focal Point) and Joe Lachacz (WR) are coordinating the swap of the CL31’s between GEG and HIO with the ESA’s at GEG and HIO. The swap of the CL31 between GEG and HIO should occur next week.

STATUS: GDP has solved their SIO card errors. The swap of the GEG CL31 with HIO is in progress and should be complete shortly. HIO is running the CL31 from GEG without any issue since replacing a FO cable at the DCP. The CL31 from Malmstrom AFG that was going to NRC has been diverted to GEG. GEG will install the CL31 form GFA on their ASOS next week. If the CL31 from GFA works properly at GEG, GEG will keep the CL31 on their ASOS. The extra CL31 currently at HIO will be kept at HIO for about a week to see if the CL31 on the ASOS continues to operate without a problem. If the CL31 on the ASOS at HIO has no problems, the extra HIO CL31 may be shipped to NRC to support field questions during deployment.

Action Item 111 (7/23/09) CLOSED: Assigned to OPS12. Joe DeVost will coordinate with Jerry Dinges (determined after meeting, Jerry is manager of the CL31 OT&E assets) whether to ship the limited production unit for Malmstrom AFB, MT to NRC for support and an action item for OPS12 and NRC to analyze the SIO sensor timeout problems occurring in the OT&E.

UPDATE: This Action Item will be combined with Action Item 110, and tracked to completion.

Action Item 114 OPEN (7/30/09): Assigned to OST11. John Monte and Joel Williams will work with WFO Aberdeen to determine if the CL31 at ABR is faulty. After WFO Aberdeen sends the engine board LRU to NRC, Joel will ensure the LRU is sent to Vaisala for diagnostic work and report the results to the TRG.

STATUS: Dan Lester reported that ABR installed a new engine board on the CL31, and that the CL31 was functioning normally since the installation. This Action Item will be closed next week if ABR’s CL31 has no problems.

Action Item 117 (7/30/09) OPEN: Assigned to Mac Lawrence (USAF) and Bing Huang (FAA). John Monte asked the U.S. Air Force and FAA to query their sites to see if bird intrusion into the ceilometers at the Air Force and FAA non-ASOS sites is a problem.

STATUS: Mac Lawrence reported that the U.S. Air Force sites had not experienced any bird intrusions into their ceilometers. The FAA will check with the non-ASOS sites to see if bird intrusion is a problem for the ceilometers installed at their sites.

Action Item 118 (7/30/09) CLOSED: Assigned to OST11. John Monte will dial into GDP after power is restored to the site and confirm the chronic ASOS SYSLOG error reports are resolved from the previous action by WFO Midland replacing the site's DTS1. **COMPLETE**

STATUS: GDP has solved their SIO card errors.

Action Item 119 (7/30/09) OPEN: Assigned to John Monte (W/OST11) and Hak Kim (W/OPS23). GEG is the now the only site that continues to have chronic SIO card problems. John Monte and Hak Kim will concentrate their efforts and work with GEG next week to help resolve their SIO card errors.

STATUS: John Monte agreed to have GEG install a band pass filter on their ASOS to filter out this interference. John will also make sure that the appropriate FAA contacts at GEG are contacted about the SAWS interference. John Monte and Hak Kim will continue to assist GEG in trouble shooting this problem.

Action Item 120 (7/30/09) CLOSED: Assigned to W/OPS24. Joe Fiore will ask the OT&E sites that have a FZRA sensor to turn on the FZRA as soon as possible to see if configuring another sensor has any adverse affect on V2.79X firmware.

STATUS: Joe sent an email on August 4th to the OT&E sites with a FZRA sensor to have them re-configure and turn on the FZRA sensor. All sites have re-configured and turn on their FZRA sensors except for Dodge City, KS (DDC) and Guadalupe Pass, TX.

The following new Action Items were assigned during the V2.79X TRG meeting on August 6:

Related to V3.01 ST:

Action Item 103 (7/9/09) OPEN: Assigned to W/OPS24. Khien will complete the 50 (NOTE: Actual number is 79) specific test procedures for V3.01 and provide them to SFSC soon. Khien also stated that he would provide SFSC with 20 data sets provided by Chet Schmitt (W/OPS22) to test various break points for the ASOS algorithms in V3.01 using data from real data collected at ASOS sites. **Khien, with technical support from Chet, will teach SFSC personnel how to run the 20 datasets.**

STATUS: Khien Nguyen provided Brian Rice, SFSC SAIC test support, with the last 9 regression test procedures, 42 of **79** (unedited) specific function test procedures, and 20 ‘real world’ data sets on Tuesday, July 21. Khien will be away on leave from July 24 through August 7. Joe Fiore will be the contact point for SFSC regarding the ST in Khien’s absence. Chet Schmitt will be the contact point for questions and problems related to the data sets.

Action Item 104 (7/9/09) OPEN: Assigned to W/OPS24. Joe Fiore will contact the NWS regional focal points, the FAA focal Point, the U.S. Navy focal point, and the USAF focal points for suggested sites for V3.01 ST. Joe Fiore will begin to write the Draft Test Plan for V3.01 OT&E to be completed by September 30, 2009.

STATUS: Initial site selection for V3.01 is underway between W/OPS24 and W/OPS22. Sites that experience bird problems with the IFW sensor and sites that experience large amounts of freezing rain will be included in the list of sites for V3.01 OT&E.

Action Item 110 (7/23/09) OPEN: Assigned to U.S. Navy. Ron Heatherdale (U.S. Navy) will confirm that the U.S. Navy SPAWARSYSCEN ASOS no longer uses the test AOMC to download their ASOS site data.

STATUS: Ron Heatherdale needs to confirm this at the overseas Navy ASOS sites.

Action Item 111 (7/23/09) CLOSED: Assigned to W/OPS24. Jerry Dinges will updated the ST plan for ASOS ACU V3.01 with final comments and send out the final version by e-mail.

STATUS: Jerry sent the revised V3.01 ST Test Plan on 8/6.

Related to OT&E for OID/VDU Thin Client Logistics Replacement:

Action Item 63 (5/21/09) OPEN: Assigned to W/OPS24. Khien Nguyen will contact the US Navy SPAWARSYSCEN in Charleston, SC to make sure that the line driver test (power boost) of the ‘daisy chained’ VDU’s has been completed.

STATUS: The U.S. Navy has not yet had a chance to perform this test. Greg Daylai may travel to the SPAWARSYSCEN to help the Navy test this scenario.

The next OT&E TRG meeting will be scheduled for **Thursday, August 12 at 2 pm EDT** to provide a status report on OT&E activities. Please use the following information to dial into the meeting:

Telephone: 1-866-685-1879
Password: 8259362#