

**“CL31 Replacement with ASOS ACU V2.79V and DCP V2.0 EPROM” OT&E Test
Review Group Status Meeting**

June 5, 2009

ATTENDEES:

NWS:

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

WFO Caribou, ME
WFO Wilmington, OH
WFO Cheyenne, WY
WFO Gaylord, MI
WFO Spokane, WA
WFO Phoenix, AZ
WFO Midland, TX
WFO Amarillo, TX
WFO Norman, OK
WFO Honolulu, HI

NWS Regional Headquarters:

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

National Weather Service Headquarters:

John Monte – W/OST11
Greg Dalyai – W/OPS12
Joseph Devost – W/OPS12
David Mannarano – W/OPS22
Richard Parry - W/OPS22 (ABSENT)
Chet Schmitt – W/OPS22 (ABSENT)
Peggy Hoch – W/OPS23
Hak Kim – W/OPS23
Kevin Conaty – AOMC
Tony Weiss -AOMC (ABSENT)
Beth McNulty – W/OS23
Laura Cook – W/OS7
Jennifer Dover – W/OPS22

Brian Rice – SAIC SFSC (ABSENT)
Barbara Childs – SAIC SFSC (ABSENT)
Khien Nguyen – W/OPS24
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

National Reconditioning Center (NRC)

Mark Russo – Kansas City, MO

NWS Employees Organization (NWSEO) Representative:

Chris Kornkven –WFO Milwaukee, WI (ABSENT)

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 Kyle (ABSENT)

The Thirteenth CL31 ceilometer replacement Operational Test and Evaluation (OT&E) Test Review Group (TRG) status meeting was held by audio conference call on Friday, June 5, 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 May 28 TRG meeting. There were no changes to the minutes. The minutes from the May 28th TRG meeting were ratified, and will be posted on the W/OPS24 website:

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

Joe Fiore provided an update on the status of the “Switch” spreadsheet. Joe added two columns to the spreadsheet titled: 1) “CT-12Ks Deconfigured” which lists the sites completed the “deconfigure” action (Note: 12 sites given permission to deconfigure the CT-12K sensor); and, 2) “90-Day Maintenance”, which lists the sites that have performed

the 90-Day preventative maintenance on the CL31. 9 of the 12 sites have successfully deconfigured the 12K sensor. One site has not yet deconfigured the CT-12K sensor (Aberdeen, SD –ABR), one site (Burlington, VT – BTV) will remain in dual configuration mode for another couple of weeks, and one site Hilo, HI (ITO) cannot deconfigure their CT-12K sensor without generating a sensor response timeout for the DTS-1 Sensor. A meeting with OPS24, OST11, OPS23, and ITO will be set up to talk about the problems at ITO. The two sites (Dodge City, KS (DDC), and Fairbanks, AK (FAI) that were still operating in dual configuration mode, were given permission to deconfigure their CT-12K sensors as soon as possible.

John Monte presented a status of the ongoing SYSLOG analysis at the CL31 OT&E sites. John reported the ASOS at Spokane, WA (GEG) continues to report chronic sensor response timeouts, and chronic ACU/DCP comms errors. John also reported the ASOS at Hilo, HI (ITO) had serious sensor response time outs from the DTS-1 sensor when the ET deconfigured the CT-12K sensor. John reported the U.S. Navy site (KNBC - Beaufort, SC) experienced many visibility sensors errors. Ron Heatherdale (U.S. Navy) stated KNBC was working on the problem, and they believe the problem is with the visibility sensor, and not V2.79V firmware. Overall, most sites continue to exhibit no SYSLOG issues since installing V2.79V.

Next, Jerry reviewed the “OPEN” Action Items from the May 28th TRG meeting related to the CL31 OT&E project.

The TRG unanimously voted to move to Phase II of the CL31 OT&E. OPS24 will send out an e-mail to each of the 5 Phase II OT&E sites informing them that they can proceed to Phase II OT&E as soon as they can. In addition, OPS24 provided an update on the status of the test readiness for the OID/VDU Thin Client Logistics Replacement OT&E.

The noteworthy discussions and statements from the June 5th CL31 OT&E TRG meeting included:

Joe Fiore provided an update on the status of the “Switch” spreadsheet. Joe added two columns to the spreadsheet, one listing “CT-12K deconfigured” which provides the status on the 12 sites that were given permission to deconfigure the CT-12K sensor, and one, “90-Day Maint” that lists the sites that have performed the 90-Day preventative maintenance on the CL31. 9 of the 12 sites have successfully deconfigured the 12K sensor. One site has not yet deconfigured the CT-12K sensor (Aberdeen, SD ABR). Burlington, VT (BTV) will remain in dual configuration mode for another couple of weeks. W/OPS24 will send an e-mail to BTV asking them to let W/OPS24 know if they experience another event in which they believe the CL31 is unrepresentative of conditions; they should let W/OPS24 know about the event as soon as possible, so W/OPS24 can download the 12-hour archive and 5 MIN archive for analysis by running the data through the MCE spreadsheet for BOTH the CL31 and the CT12K ceilometers. Hilo, HI (ITO) cannot deconfigure their CT-12K sensor without generating a sensor response timeout for the DTS-1 Sensor. Steve Butler (Senior ET) tried deconfiguring the Uninterruptible Power Supply (UPS) unit on DCP 1, and performing a warm reset of the

DCP at ITO on Friday June 5th meeting to see if that eliminated the DTS-1 sensor response time out when they deconfigured the CT-12K. The first attempt to perform this task at ITO did not fix the DTS-1 sensor response time out issue. W/OPS24, W/OP23, and W/OST11 will continue to monitor this situation, and try to help ITO solve the problem. John reported the U.S. Navy site (KNBC - Beaufort, SC) experienced many visibility sensors errors. Ron Heatherdale (U.S. Navy) stated that KNBC was working on the problem, and that they believe the problem was with the visibility sensor and not V2.79V firmware. The following nine sites have successfully deconfigured the CT-12K sensor:

KNBC- Beaufort, SC (U.S. Navy) – 6/1/2009

KGEG- Spokane, WA – 6/3/2009

KJKL – Jackson, KY – 6/1/2009

KGDP – Guadalupe Pass, TX – 5/29/2009

KCAR – Caribou, ME – 5/29/2009

KANJ – Sault Ste. Marie, MI – 6/1/2009

KBIS- Bismarck, ND – 6/1/2009

KCYS – Cheyenne, WY – 5/29/2009

KHIO – Portland, OR – 6/1/2009

The following site has not yet deconfigured the CT-12K sensor:

KABR – Aberdeen, SD – (Update: should deconfigure this week)

The following site will remain in dual configuration mode for a couple of more weeks to compare CL31 to CT-12K:

KBTV- Burlington, VT –

The following site has not been able to deconfigure the CT-12K sensor:

KITO – Hilo, HI – tried several times between 5/29/2009 and 6/4/2009. ITO is still getting DTS-1 sensor response error when they deconfigure the CT-12K

The two California sites have successfully switched the CL31 to the operational ceilometer:

KOKR – Oxnard, CA – 6/5/2009

KCMA - Camarillo, CA – 6/5/2009

The following sites have been given permission to deconfigure the CT-12K sensor as soon as possible:

KDDC – Dodge City, KS – will deconfigure CT-12K this week

KFAI – Fairbanks, AK – successfully deconfigured on 6/8/2009 at 1600Z

Joe received an e-mail (on June 3) from the Observing Program Leader (OPL) at WFO Oxnard, CA (OXR) asking questions about the Public Notification Statement (PNS) and when to send it out. Joe sent an email back to the OXR OPL clarifying things about the PNS. UPDATE: On Monday June 8, Joe Lachacz (NWS WR Headquarters) called W/OPS24 to inform them OXR and CMA switched the CL31 to the operational ceilometer on June 5th.

John Monte reported on the status of the SYSLOG analysis at the OT&E sites being performed by the staff at the SFSC, Sterling, VA. John referred to the latest spreadsheet (5/19/09) that summarizes SYSLOG error messages seen to date at the OT&E sites. Overall, most sites continue to exhibit no SYSLOG issues since installing V2.79V. John reported the ASOS at Spokane, WA (GEG) continues to have chronic ACU/DCP comms errors, and CL31 sensor response timeouts at GEG. WFO GEG reported they installed a new SIO card on Monday June 1, but they still have ACU/DCP comms problems. GEG also reported that they have ACU/DCP communication problems with the ASOS at GEG every summer. Hak Kim (W/OPS23) proposed a possible solution to the sensor response timeouts that have occurred at some OT&E sites. The following information was part of an e-mail Hak sent regarding this proposal:

“During my investigation to find the cause of the sudden increase in the CL31 and CT-12K sensor response errors and SIO transmit errors, I found a very important piece of information regarding the 8530 Serial Communication controller (SCC) chip in the SIO card in our ASOS system.

That piece of information is that four serial communication channels in which the two SCC chips provide in the SIO card do not have the same level of priority. For the interrupt operation, the serial channels are prioritized, with channel #0 (port #1 in ASOS) having the highest priority and channel # 3 (port #4 in ASOS) having the lowest priority. This information is not available anywhere else but the old XYCOM manual.

So, in theory, if you connect the lower data rate sensor, such as TD (600 bps), LEDWI, DELTEC UPS (1200 bps), TB (150 bps), or sensors with 2400 bps to higher priority port and connect higher data rate sensor such as CL31 (9600 bps) and/or TS (9600 bps) to the one of the lower priority port, there will be some serial communication errors such as a framing error which will cause the SIO to have a transmission error in a certain system condition.

To prevent the sensor response error and SIO transmission error caused by a serial communication framing error in our ASOS system, we should connect sensors to the appropriate port by their data rate. In other words, we should group sensors with similar data rates and connect them to a SIO card with the order of a sensor's data rate. It is highly recommended not to connect to the TB or TD sensors with the CL31 or TS sensors in the same SIO card.

The conclusion of my finding is that before the new CL31 sensor, the fastest data rate of sensors was 2400 bps except TS and SOLA UPS (9600 bps connected to SIO #1 Port1) so there were few communication framing errors. The new CL31 is causing framing errors in an alarming rate if the sensor is connected to lower priority port with other sensor connected to higher priority port. Therefore, the CL31 should be connected to port #1 of any SIO card if the other sensors have to be connected to the same SIO card.” – HAK KIM

After GEG fixes their ACU/DCP comms problems, we most likely will ask GEG to move their CL31 from Port 3 to port 1 to test Hak Kim's theory. W/OPS24, W/OP23, and W/OST11 will continue to monitor this situation, and try to help ITO and GEG solve the problem with sensor response timeouts.

John reported the U.S. Navy site (KNBC - Beaufort, SC) experienced many visibility sensors errors. Ron Heatherdale (U.S. Navy) stated the technicians for KNBC were working on the problem, and they believe the problem was with the visibility sensor and not V2.79V firmware.

Kevin Murray (NWS Eastern region headquarters) asked Laura Cook (W/OS7) if there were a requirement to report clouds up to 25,000 feet, and when clouds reports to 25,000 feet would be include in an ASOS firmware version. Laura Cook responded there is indeed a requirement to report clouds to 25,000 feet. John Monte then responded he has written a Request for Change (RC) to implement a modification to the 3-layer ASOS sky condition algorithm that will report clouds up to 25,000 feet (with 3 layers). John stated he will submit this RC as soon as CL31 OT&E is successfully completed using the existing ASOS sky condition algorithm (which currently only reports clouds to 12,000 feet.)

Next, Jerry reviewed the OPEN Action Items from the May 28 TRG meeting. A status of the most important Action Items follows.

The TRG unanimously vote to move to Phase II of the CL31 OT&E. OPS24 will send out an e-mail to each of the 5 Phase II OT&E sites (See below list) informing them that they can proceed to Phase II OT&E as soon as they can. W/OPS24 will send out an email to the 5 Phase II OT&E sites, to authorize them to move to Phase II using draft NWS Engineering Mod Note 92 and Mod Note 80 as soon as possible.

OKC – Oklahoma City, OK

PHX – Phoenix, AZ

GUY – Guymon, CO

ROA – Roanoke, VA

CMH – Columbus, OH

Finally, Joe Fiore provided an update on the status of the test readiness for the OID/VDU Thin Client Logistics Replacement OT&E. The reconfiguration of the 50 VDU thin clients to OID thin clients that were sent back to the thin client vendor has been completed. The vendor will ship the 50 OID thin clients back to NSLC this week (June 8-12). After all VDU thin clients (72), OID thin clients (50) are in stock at NLSC, and one spare thin client for each site to be stored at corresponding WFO for each OT&E site, the OT&E can commence. Once we are ready for OT&E, a Thin Client “kick-off” Test Readiness Review meeting will be held prior to the start of OT&E. W/OPS24 agreed to ask the ET’s at each site participating in OT&E to send notice to the Air Traffic Control Tower (ATTC), and the Contract Weather observer (CWO) one-week in advance of the plan to install the thin client VDU’s and or OID’s. Finally, W/OPS24 will contact NWS CRH ASOS focal point, to confirm they understand that ORD requirement is to validate the FAA FTI communication link to an OID. ORDs inclusion in the OT&E does not mean all VDU/OIDs at the site will be replaced by the AXEL thin client.

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

- a. Action Items 3, 6, 7 (11/17/08), and 12 (03/19/09) remain OPEN (No change until Phase II OT&E). **NO CHANGE**
- b. Action Item 8 (03/09/09), 11 (3/12/09), 17 (3/19/09), 35 (4/16/09), 43 (5/7/09), and 55 (5/14/09) remain OPEN. (No change until OT&E is completed). **NO CHANGE**
- c. Action Items 3, 41, 65, 66, and 67 were **CLOSED**.
- d. Action Items 52 (5/14/09), 54 (5/14/09), 62 (5/21/09), 63 (5/21/09), 64 (5/21/09), and 68 (5/28/09) remain **OPEN**.

The specifics for each action item follow:

Related to CL31 OT&E:

Action Item 6 (11/17/09) – OPEN: Assigned to ESA’s to inventory all items they receive from NLSC and WSH. The ESA’s will inventory all items received (CL31 ceilometer) CL31 hardware kits, V2.0 DCP EPROMS, V2.79V software (and documents obtained from the OPS12 website), and let the OT&E Test Director (Joe Fiore) know by e-mail (or phone) if the inventory list is complete.

STATUS: This action will remain OPEN until all 22 OT&E sites have the CL31 ceilometer installed along with the ASOS ACU V2.79V firmware and DCP V2.0 EPROMS.

Action Item 7 (11/17/09) - OPEN: Assigned to ESA's. The ESA's (NOTE: exception is Dan Lester for NWS Central Region) will notify the OT&E Test Director (Joe Fiore) by e-mail when they are ready to install the CL31 ceilometer, V2.0 DCP EPROMS (for sites that use EPROMS), and ASOS V2.79V ACU Software. They will also notify the OT&E test director when installation of all required material is complete.

STATUS: This action will remain OPEN until all 21 OT&E sites have the CL31 ceilometer installed along with the ASOS ACU V2.79V firmware and DCP V2.0 EPROMS.

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 OT&E.

Action Item 11 (03/12/09) – OPEN: Assigned to W/OPS24. Joe Fiore will provide the TRG a status update at each status meeting on the CL31 ceilometer and ASOS ACU V2.79V and DCP V2.0 EPROM installation until all 22 sites have completed this activity.

STATUS: This action will remain OPEN until all 21 OT&E sites have completed their installations.

Action Item 12 (03/19/09) – OPEN: Assigned to W/OST11. John Monte will query EMRS to obtain the serial numbers for the CL31 installed at the 22 OT&E sites. He will e-mail the appropriate contact if the information is not found in EMRS.

STATUS: This activity is ongoing, and will be complete once all 22 OT&E sites have provided the CL31 Serial number in EMRS or by email to John Monte.

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.

Action Item 43 (5/7/09) OPEN: Assigned to W/OPS12. Joe Devost and Greg Dalyai will coordinate with the field 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: 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.

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 CT-12K sensors after deployment of the CL31 sensors. Joe Devost and Fred Hauschildt will provide the disposal plan for the CT12K.

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 late June.

Action Item 55 (5/14/09) OPEN: Assigned to the NWS Alaska Region Headquarters and OST11. The NWS Alaska Region Headquarters will coordinate (with OST 11 help) moving the CL31 ceilometers from the test bed in Fairbanks, AK, to a test bed in Barrow, AK. This will allow further testing of the CL31 ice crystal study, because, climatologically. Barrow has 10 times more occurrences of ice crystals than any other site in the U.S.

STATUS: Don Bolton and Joe Fiore reported the WFO FAI will move the two CL31 ceilometers from Fairbanks to Barrow. This needs to be completed before the long winter sets in at Barrow. This Action Item will remain open until completion later in the summer of 2009.

Action Item 3 (11/17/09) - CLOSED: Assigned to W/OPS12 and W/OPS24 regarding when Phase II OT&E sites will get their additional CL31. E-mail will be sent to ROA, CMH, OKC, and PHX to inform them when to expect the second ceilometers. ROA, CMH, OKC, and PHX will receive their second CL31 ceilometer after the decision is

made to make the CL31 the operational ceilometer. W/OPS12 will make sure that all four-phase II OT&E sites have all the required hardware and software to begin OT&E. This includes:

Required hardware mounting kits for each site:

- Required ancillary kits for each site,
- Required number of sets of V2.0 DCP EPROMS, and,
- Putting V2.79V ACU firmware on the secure OPS12 website so each site can download

COMPLETED

Action Item 41 (4/30/09) CLOSED– The NWS (W/OPS22) agreed to ask the FAA (Jerry Kranz, Paul Armbruster, Bing Huang) to inform the CWO that on the maintenance report processing page the new CL31 ceilometer will say “CL31”, while the current CT12K ceilometer will say “ceilometer” on the report processing page. The action is to find out if the CWO has any problems with this slight change. A new part of this action item is to have the FAA ask the CWO if they need to see the PNS before the CL31 goes operational. **COMPLETE**

STATUS: The CWO said that they did not need to see the PNS before the CL31 is switched to the operational ceilometer.

Action Item 52 (05/14/09) OPEN: Assigned to U.S. Navy SPAWARSYSCEN, Charleston, SC. Ron Heatherdale will ensure the proper U.S. Navy liaison with NCDC is notified to contact NCDC about the switch to the CL31 May 8 for the ASOS at Beaufort, SC.

STATUS: W/OPS24 will e-mail Ron Heatherdale the name of the NCDC focal point so KNBC can contact the right person, and find out what forms need to be sent.

Action Item 65 (5/28/09) CLOSED: Assigned to W/OPS24. Joe Fiore will send out the list of the 12 sites that have the go ahead to deconfigured the CT-12K sensors at their sites. **COMPLETE**

Action Item 66 (5/28/09): CLOSED Assigned to W/OPS24: Joe Fiore will provide a list of OT&E sites that can perform the 90-day preventive maintenance (clean the window) on their CL31 ceilometers. **COMPLETE**

Action Item 67 (5/28/09): CLOSED Assigned to W/OPS24, W/OST11, and W/OPS12. The NWS will confirm that all phase II OT&E sites have all the required parts and documents to start Phase II OT&E. **COMPLETE.**

The following new Action Items were assigned during the June 5th TRG meeting:

Action Item 69 (6/5//09): Assigned to W/OP23, W/OPS24, and W/OST11 will continue to monitor the problem of chronic sensor response timeouts at ITO and GEG, and try to help ITO and GEG solve the problem with sensor response timeouts. John Monte and Hak Kim will meet Monday, June 8th to discuss options for both sites.

Action Item 70 (6/5/09): Assigned to W/OPS24. Joe Fiore will send an e-mail to BTV asking them to let W/OPS24 know that; if they see another event in which they feel that the CL31 is unrepresentative of conditions; they should let W/OPS24 know about the event as soon as possible, so W/OPS24 can download the 12-hour archive and 5 MIN for analysis by running the data through the MCE spreadsheet for both the CL31 and the CT12K ceilometers.

Action Item 71 (6/5/09): Assigned to W/OPS24. W/OPS24 will send an e-mail to the 5 Phase II OT&E sites, to authorize them to move to Phase II using draft NWS Engineering Mod Note 92 and Mod Note 80 as soon as possible.

Action Item 72 (6/5/09): Assigned to W/OPS24. W/OPS24 will e-mail Ron Heatherdale the name of the NCDC focal point so KNBC can contact the right person, and find out what forms need to be sent.

Related to V2.79X/V3.01 ST:

Action Item 54 (5/14/09) OPEN: Assigned to OPS24. Khien Nguyen will write the V3.01 System Test (ST) Plan, and coordinate ST at SFSC, WSH, US. NAVY SPAWARSSYSCEN, and possibly a USAF site in Hurlbert Field, FL. This includes organizing resources to perform the ST test, assuring that data sets to test the IFW QC logic algorithm and other V3.01 changes are run and that the ST schedule is written in the test plan and provided to each site participating in ST.

The following new V2.79X/V3.01 ST Action Items were assigned during the May 21, 2009 TRG meeting:

Action Item 62 (5/21/09) OPEN: Assigned to Walt Jameson and Son Nguyen. Walt, with help from WR HQ (Son Nguyen) will use the information that he has gathered on this problem to generate an OTR and send it to Gary Alessi (W/OPS22) for inclusion in the ASOS OTR database.

STATUS: Walt said that he was preparing the background material for the OT&E, and that he would email the appropriate documentation on Tuesday June 2. Son Nguyen sent an e-mail after the TRG meeting asking Gary Alessi (W/OPS22) if an OTR already exists for this problem, and if there is a solution to this problem.

No new actions Items were assigned for the June 5th TRG meeting.

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 SPAWARSSYSCEN in Charleston, SC to make sure that the line driver test (power boost) of the “daisy chained” VDU’s has been completed.

STATUS: No change.

Action Item 64 (5/21/09) OPEN: Assigned to W/OPS12. OPS12 will track the status of the reprogramming of the configuration files for the 50 OID thin clients between the Thin Client vendor and NLSC. This will remain open until the pre-requisites for OT&E are complete.

STATUS: The reconfiguration of the 50 VDU thin clients to OID thin clients that were sent back to the thin client vendor has been completed. The vendor will ship the 50 OID thin clients back to NSLC this week. After all VDU thin clients (72), OID thin clients (50), and one spare for each site to be stored at corresponding WFO for each OT&E site, OT&E can commence.

Action Item 68 (5/28/09) OPEN: Assigned to W/OPS12. Another prerequisite for OT&E is the delivery of the thin client spares (one spare for each WFO participating in OT&E) to each WFO participating in OT&E. W/OPS12 will track this action item.

The following new Action Item was assigned during the June 5th TRG Meeting:

Action Item 73 (6/5/09): Assigned to W/OPS24. At the FAA request, Joe Fiore will ask the ETs at each OT&E site to send a notice to the Air Traffic Control Tower (ATCT), and the Contract Weather observer (CWO) 1-week in advance of the plan to install the thin client VDU's and/or OID's.

Action Item 74 (6/5/09): Assigned to W/OPS24. Joe Fiore will contact NWS CRH ASOS focal point, to confirm they understand that ORD requirement is to validate the FAA FTI communication link to an OID. ORDs inclusion in the OT&E does not mean all VDU/OIDs at the site will be replaced by the AXEL thin client.

The next OT&E TRG meeting will be scheduled for Thursday, June 11 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#