

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

**May 28, 2009**

**ATTENDEES:**

**NWS:**

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

WFO Caribou, ME  
WFO Burlington, VT  
WFO Blacksburg, VA  
WFO Gaylord, MI  
WFO Phoenix, AZ  
WFO Midland, TX  
WFO Amarillo, TX  
WFO Bismarck, ND  
WFO Honolulu, HI  
WFO Wilmington, OH  
WFO Norman, OK

**NWS Regional Headquarters:**

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

**National Weather Service Headquarters:**

John Monte – W/OST11  
Joel Williams – W/OST11 (ABSENT)  
Greg Dalyai – W/OPS12  
Joseph Devost – W/OPS12  
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  
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)  
Fred Hauschilt – W/OPS14 Logistics

**National Weather Service Training Center**

Bob Retzlaff - Kansas City, MO (ABSENT)

**NWS Employees Organization (NWSEO) Representative:**

Chris Kornkven –WFO Milwaukee, WI

**FAA:**

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

**DoD - U.S. Navy:**

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

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

**DoD - U.S. Air Force:**

William (Mac) Lawrence (ABSENT)  
Ricky Kyle

The Twelfth CL31 ceilometer replacement Operational Test and Evaluation (OT&E) Test Review Group (TRG) status meeting was held by audio conference call on Thursday, May 28, 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 21 TRG meeting. There were no changes to the minutes. The minutes from the May 21st TRG meeting were ratified, and will be posted on the W/OPS24 website:

[http://www.nws.noaa.gov/ops2/ops24/documents/asos\\_ceilometer.htm](http://www.nws.noaa.gov/ops2/ops24/documents/asos_ceilometer.htm)

Joe Fiore provided an update on the status of the “Switch to the CL31 as the Operational Ceilometer” at the 16 dual installation OT&E sites, using the spreadsheet that he sent out to the group with the TRG minutes. A total of fourteen sites completed the switch successfully to date. The TRG voted to instruct the twelve sites that have been running

the CL31 as the operational sensor for at least a week, to deconfigure the CT-12K sensor and run with only the CL31 configured as the operational sensor. At next weeks TRG meeting (scheduled for Friday, June 5th, 2009 from 2-3:30 PM), the TRG will vote to proceed to phase II of OT&E if there are no major problems with the twelve sites operating with the CT12K deconfigured and the CL31 as the operational sensor. The two sites (Dodge City, KS (DDC), and Fairbanks, AK (FAI) that have recently switched the CL31 to the operational ceilometer will run in dual mode (with CT12K as the test sensor) for one week. If there are no major problem DDC and FAI will deconfigure their CT12K sensors at the end of next week. John Monte presented a status of the ongoing SYSLOG analysis at the CL31 OT&E sites. John reported that there were many SIO card lock ups and CL31 sensor response timeouts at Spokane, WA (GEG). Spokane will check the SIO card status on Monday June 1, and they also reported that they have ACU/DCP communication problems every summer. Next, Jerry reviewed the “OPEN” Action Items from the May 14 TRG meeting related to the CL31 OT&E project. In addition, OPS24 summarized the ongoing System Tests (ST) for ASOS ACU test firmware for V2.79X and V3.01 at Sterling Field Support Center, Sterling, VA (SFSC) and at the US. Navy SPAWARSYSCEN, Charleston, SC. Lastly, 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 May 28th CL31 OT&E TRG meeting included:

- 1) Joe Fiore presented a summary on the status of the “Switch to the CL31 as the Operational Ceilometer” at the 16 dual installation OT&E sites using the Microsoft Excel spreadsheet he created. Joe reported 14 OT&E sites have either switched the CL31 to the operational ceilometer as of 1 PM EDT on May 21. Joe reported that the latest two sites to switch the CL31 to the operational ceilometer were: Dodge City, KS (DDC) on May 27, and Fairbanks, AK on May 28. Aberdeen (ABR) and Cheyenne (CYS) reported they checked the tilt angle of their ceilometers. In addition, Bismarck, ND (BIS) previously reported they checked the tilt angle of the CL31 ceilometers. The following fourteen sites have switched the CL31 to the operational ceilometer:

**KNBC- Beaufort, SC (U.S. Navy)** – CL31 switched to operational ceilometer on 5/8/09 at 12 PM EDT

**KITO – Hilo, HI** – PNS sent out on 5/11/09, CL31 switched to the operational ceilometer at 10 AM HST on 5/13/09

**KGEG- Spokane, WA** – CL31 switched to operational ceilometer at 2100 UTC on 5/13/09.

**KJKL – Jackson, KY** – sent out the PNS on 5/8/09, CL31 switched to operational ceilometer at 10 AM EDT on 5/14/09

**KGDP – Guadalupe Pass, TX** – sent out the PNS on 5/14/09, CL31 switched to operational ceilometer at 9 AM CDT on 5/14/09

**KCAR – Caribou, ME** – PNS sent out on 5/8/09, CL31 will be switched to the operational ceilometer at 1300 UTC on 5/15/09

**KBTV- Burlington, VT** – CL31 switched to operational ceilometer on 5/18/09 at 12 PM EDT, PNS issued on 5/15/09.

**KANJ – Sault Ste. Marie, MI** –CL31 switched to the operational ceilometer at 7 AM CDT on 5/13/09, PNS issued on 5/15/09,

**KBIS- Bismarck, ND** – CL31 switched to operational ceilometer at 8 AM CDT on 5/18/09.

**KCYS – Cheyenne, WY** – CL31 switched to operational ceilometer at 11 AM MDT on 5/14/09

**KHIO – Portland, OR** – CL31 switched to operational ceilometer at 1430 UTC on 5/21/09, PNS issued on 5/18/09.

**KABR – Aberdeen, SD** – CL31 switched to the operational ceilometer at 11:40 CDT on 5/21/09.

**KDDC – Dodge City, KS** – CL31 switched to the operational ceilometer at 12 PM CDT on 5/26/09; the PNS was issued on 5/21/09.

**KFAI – Fairbanks, AK** - CL31 switched to the operational ceilometer at 8 AM local time on 5/26/09.

The two California sites have not yet switched the CL31 to the operational ceilometer:

**KOKR – Oxnard, CA**

**KCMA, Camarillo, CA**

Son reported he sent has tried several times to contact the OXR WFO, and has had no response. Joe also reported that he has tried to contact the OXR WFO by phone and email, with no response. Joe reported that he sent an email to the OPL at the OXR WFO on May 28 asking if the PNS statement has been sent out announcing the switch of the CL31 to the operational ceilometer, and if not, when they plan to put out the PNS. **UPDATE:** *Son Nguyen sent an e-mail to Joe Lachacz on 5/21/09 after the TRG meeting stating that the two California Sites had not switched CL31 to the operational ceilometer.*

Joe reported that on May 28, Steve Butler (ET ITO) contacted Todd Redinuis (ET FAI) to let him know that the cloud output (on the 12-hour archive and sensor data page) from the CL31 was slightly different from the cloud output from the CT12K, and that it was ok to switch the CL31 to the operational sensor. So, FAI successfully switched the CL31 to the operational ceilometer at 8 AM local time on May 28. Last week FAI also installed new radios at the ACU and DCP. Joe reported that he had written a TTR (216) “SIO Card Lock Up does not allow CL31 to be configured as the Operational Ceilometer”.

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 that there were many SIO card lock ups and CL31 sensor response timeouts at Spokane, WA (GEG). Spokane reported that they will check the SIO card status on Monday June 1, and they also reported that they have ACU/DCP communication problems with the ASOS at GEG every summer. John reported that Sault Ste. Marie (ANJ) is now clean of any CT12K sensor response timeouts since the CL31 was switched to the operational sensor. John reported that Fairbanks had ACU/DCP communications issues over the last couple of weeks, and had swapped out the radios at the ACU/DCP. Since the radios have been swapped out and the CL31 has successfully switched the CL31 to the operational sensor, John will continue to monitor FAI for any issues. John reported that Hilo, HI (ITO) had experienced a transient failure (a window conditioner failure) on their CL31 ceilometer. John stated that Joel Williams CL31 COTR – W/OST11) will contact Vaisala and Hilo to resolve the problem. John also reported continued occasional “background radiance” warnings from the CL31 at Hilo, HI. John stated that Vaisala had contacted him and said that this is not a serious issue. Phoenix (PHX) had hardware related ACE communication failures. These failures were not related to V2.79V firmware.

Next, Jerry reviewed the OPEN Action Items from the May 14 TRG meeting. A status of the most important Action Items follows. Jerry first reported on (Action Item 3) the status of the shipment of CL31 ceilometers, hardware mounting kits, ancillary hardware kits, V2.0 DCP EPROMS, and V2.79V firmware for Phase II of OT&E to Roanoke, VA (ROA), Phoenix, AZ (PHX), Oklahoma City, OK (OKC), and Columbus, OH (CMH). Jerry reported all four sites received their CL31 ceilometers. CMH still needs one more hardware mounting kit, and two ancillary kits. PHX still needs one hardware mounting kit. John Monte reported that he had shipped the required kits to CMH and PHX on 5/28/09 for delivery on 5/29/09. UPDATE: Joe Devost placed the V2.79V firmware on the secure test OPS12 website on 5/29/09, so the phase II sites can download the firmware once the ok is given to proceed to phase II OT&E. Jerry reported on the plans for local disposal or shipment of the old CT-12K ceilometers back to NRC once the new CL31 ceilometers are deployed.

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.

Jerry discussed the plans for 90-day preventative maintenance that should be performed at some of the OT&E sites during OT&E. Guadalupe Pass, TX (GDP) reported that they would perform the 90-day preventative maintenance at GDP on 5/29/09. W/OPS24 (Joe Fiore) will provide a list (via email) of a subset of OT&E sites that can perform the 90-day preventive maintenance (clean the window) on their CL31 ceilometers.

- 2) Khien Nguyen, OPS24, updated the TRG on the V2.79X and V3.01 ST at SFSC and the US Navy SPAWARSYSCEN, Charleston, SC. . 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 email after the TRG May 28<sup>th</sup> meeting asking Gary Alessi (W/OPS22) if an OTR already exists for this problem, and if there is a solution to this problem. If an OTR is written for this, the TTR will be closed with reference to the OTR. V2.79X ST testing has been completed at SFSC. The Navy reported that they still had to run ST tests for V2.79X, and would start those tests next week.
- 3) Finally, Joe provided an update n 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 is in progress. 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. The line driver test (power boost) of the “daisy chained” VDU’s at the US Navy SPAWARSYSCEN in Charleston, SC have not yet been completed. The Navy reported that they would perform this test next week, when they receive approximately 3000 feet of cable.

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 (11/17/08), 58 (5/21/09), 59 (5/21/09), and 60 (5/214/09) were **CLOSED.**

- d. Action Items 41 (4/30/09), 52 (5/14/09), 54 (5/14/09), 61 (5/21/09), 62 (5/21/09), 63 (5/21/09), and 64 (5/21/09) 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

**STATUS:** PHX, ROA, and OKC have received their phase II CL31 ceilometers, and V2.0 EPROMS. John Monte shipped the required hardware mounting kit and ancillary kit to CMH and PHX on May 28 for delivery on May 29. **COMPLETED**

**Action Item 41 (4/30/09) OPEN–** 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.

**STATUS:** The first part of the action item is closed. The FAA reported that the CWO has no issues with this slight change. The second part of this action item remains OPEN, and the NWS is waiting to hear from the FAA on this topic.

**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.

**Action Item 58 (5/21/09) CLOSED:** Assigned to W/OPS24. Joe Fiore will pass Walt Jameson’s email (and PDF attachment) about the section of the Vaisala CL31 User’s Manual that talks about tilting the CL31 and pointing at a building for calibration to Joe Devost. **COMPLETED.**

**Action Item 59 (5/21/09) CLOSED:** A TTR (216) will be written by W/OPS24 to track the problem of SIO cards locking up. **COMPLETED**

**Action Item 60 (5/21/09) CLOSED:** Assigned to W/OPS22. Dave Mannarano agreed to get in touch with Ed Berkowitz (ROC) on the issue of the disposal of old CT-12K ceilometers after OT&E and at deployment. Ed Berkowitz has used an outside contractor for the removal of old equipment in the past that was in compliance with all NOAA disposal requirements. **COMPLETED**

**STATUS:** This action Item has been superceded by W/OPS22 meeting with W/OS7 on this issue, and will be discussed at the Deployment Readiness Meetings that will be part of the CL31 TRG meetings starting at the end of June. Tracking of deployment issues will be done in Action Item 17.

The following new CL31 related Action Items were assigned during the May 21<sup>st</sup> TRG Meeting:

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

**Action Item 66 (5/28/09):** 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.

**Action Item 67 (5/28/09):** 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.

**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 SPAWARSYSCEN, 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 email 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.

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

The following new OID/VDU Thin Client Logistics Replacement Action Items were assigned during the May 21, 2009 TRG meeting:

**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 Navy reported that they will perform this test next week, when they receive approximately 3000 feet of cable.

**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.

The following new Action Item for the OT&E Thin Client Logistics Replacement was assigned during the May 28<sup>th</sup> TRG meeting:

**Action Item 68 (5/28/09):** 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.

**NOTE: The next OT&E TRG meeting will be scheduled for Friday, June 5, 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#