

## RACC Meeting Minutes No. 149 (5/18/05)

1. Purpose: A regularly scheduled meeting of the RACC was held from 2:00 p.m. to 3:00 p.m. EST in Room 3246 on Wednesday, May 18, 2005, to discuss and address national and regional AWIPS issues, problems and concerns.
2. Regions In Attendance: The following regions (and other NWS organizations) participated in the conference call: **ERH**: Neal DiPasquale; **SRH**: Eric Howieson; **WRH**: Sean Wink; **CRH**: Greg Noonan; **PRH**: Alan Samori, **NGIT**: Bruno Vercillo, Doug Rankin; **Warning Decision Training Branch**: Tim Decker,
3. Discussion Items: The following topics were discussed/briefed at the meeting:
  - a. Status of OB5: A total of 63 sites have installed OB4.1a, 76 are at OB4.2, and 8 WFOs and 1 RFC have OB5. We plan on installing OB5 at one more WFO by June 1 with the SVR scheduled for June 3. We may wait a few weeks later before doing the field implementation.

The Red Hat Enterprise (RHE) Operating System Upgrade was previously planned to be OB5.1 but is now planned to be phase 1 of the OB6 install. Current plans for OB6 deployment is to install RHE (with no site downtime) and then follow a week later with the OB6 functionality. The installation and testing of the RHE on the OB5 final environment will begin next week.

We may not go ahead with a OB4.1b Maintenance Release after all since a number of sites have already upgraded to OB4.2. Most of the fixes in OB4.1b were for sites experiencing severe weather in the spring and for many sites this threat has passed. There are a few fixes that are needed for all field sites and we may consider a OB4.2a. These are fixes that the Tiger Team pulled back from OB5. A decision will be coming soon. *[Editor's Note: A decision was made at the AWIPS Patch Status Meeting to deploy OB4.1b, since it is nearly ready to go.]*

b. Update on Performance Issues: The Warning Mode Performance Tiger Team has been looking at many of the JAN performance problems in conjunction with OB5. Many of the recent problems have been alleviated and OS&T has decided to proceed with OB5 National Deployment. An AWIPS Patch Status Meeting will be held tomorrow and the decision will be made on whether to go with OB4.1b or place the fixes into a OB4.2a maintenance release. The consensus of the regions was to scuttle OB4.1b and jump ahead to a OB4.2a. **[See Editor's Note above.]** The Tiger Team is continuing to work on the SEND delays problem and FSL has agreed to add extra logging for this problem.

The Tiger Team will be meeting on just a weekly basis and its members spending up to 25 percent of their time on the OB5 performance issues versus the nearly full time work for the past few weeks.

c. Status of AWIPS Patch or Other Modification Note 26: About 6 months ago, we provided the instructions in Note 26 for converting the radar One-Time-Request X.25 dial protocol to a WAN protocol. However, Note 26 is not complete as sites need to update the radar configuration files

on DS1 and DS2 on all radar servers and workstations. Also, after some sites upgraded to OB4.1a, the sites reverted back to the dial one time request protocol. The fix is the sites need to run a minus radar localization on all the servers and workstations. Wayne Martin is working on the detailed instructions to correct both of the problems noted above.

Bruno and Diane Deitz have been running a script to determine which sites have converted over to the WAN protocol. This is a reminder that all sites need to convert since the ROC will soon take action to terminate the dial radar telephone lines. Wayne was asked if he could pin down the sites that have not converted over to the WAN protocol. Wayne took the action item to identify these sites and will notify the appropriate regional focal points if there are any sites in their region that have not converted over.

d. Focal Point/Participants Reports, Problems and Concerns:

Central Region: Wayne Martin is at BCQ and assisting the region with the rack consolidation. We took out the AS servers and all the remaining parts from that rack and consolidated them into one rack. Also, at BCQ we have installed the new LDAD firewalls whereby we replaced the Gauntlet firewalls with two Netscreen firewalls.

Eastern Region: In the hydro application files, the Damcrest software (part of the DAM catalog database) does not work with OB4.2 and this is a national issue. A fix is being prepared as a post install step for OB4.2 and will be added to the lessons learned document that is posted on the AWIPS One Stop web page and is sent to all upcoming sites to be upgraded to OB4.2.

What is the status of DR 14332 whereby the radar loops stop automatically updating after so many cycles? NGIT looked up the status and determined that is fixed in OB5.

Pacific Region: nothing significant to report.

Southern Region: What is the status of the OS upgrade for the CWSU ARD machines? WSH responded that the mod note has been tested at three sites and is ready to be released within a week or two.

What is the latest time line of the LDAD replacement? WSH responded that it could possibly be in OB8 at the earliest.

Western Region: What is the status of the documents for the DS performance improvements that was discussed at an earlier RACC in late March? The SST is still working on this document but it had to become a lower priority due to the urgency of the WFO Jackson and OB5 situation.

Warning Decision Training Branch: We received beta 13 of OB5 this week and have installed it into the WES. We would like to have the latest beta version for the WES when OB5 is given the go ahead for field implementation.

NGIT: nothing significant to report.

**The next RACC is scheduled for Wednesday, June 1, 2005. If you know of any agenda items you wish to be discussed at this RACC, please e-mail them to Jim Stenpeck and cc Wayne Martin. This is to ensure that all of the appropriate WSH personnel attend this RACC to address your issues.**