

AWIPS II Topic of the Week -- 3rd Center-Level Forecaster Initial Testing (FIT)

All,

The third Center-Level Forecaster Initial Testing (FIT) at the National Weather Service Training Center (NWSTC) occurred on December 15 -17, 2009. The Systems Engineering Center (SEC), in cooperation with the NWSTC in Kansas City and the Central Region Headquarters, are hosting several AWIPS II Task Order 11 (TO11) "Forecaster Initial Testing" (FIT) events at NWSTC. The goals of the three-day testing exercises included:

- Assess TO11 functionality
- Perform AWIPS I-AWIPS II Side-by-Side Testing
- Construct and execute weather event test cases/scenarios

For the November FIT session seven forecasters, as well as two on-site Raytheon Omaha developers, participated and generated approximately 248 Test Trouble Reports (TTRs). During the three-day testing exercises, the team performed a myriad of actual WFO operational activities (i.e. tasks required by a WFO to produce products) such as, OAX/EAX (or their local WFO office) localizations, GFE, Warngen, SCAN, FFMP, RiverPro, AvnFPS to name a few. As with any testing of development software, TTRs were created by the FIT Team.

As noted in previous weekly topics, TTRs serve a role similar to DRs throughout the AWIPS II development. TTRs are the primary way to get technical information about software defects to the AWIPS contractor.

Special thanks to the AWIPS II Developmental Test and Evaluation (DT&E) Manager, Thomas Piper (OST/SEC), and the User Test Team Lead, William "Bill" Gery for their contributions. In addition, OST acknowledges and thanks the following key December FIT team members:

- ✚ NWSTC – Randy Schupbach, Jim Totusek, Jim Poole, Jeff Zeltwanger
- ✚ SSHQ – Jay Morris (OOS), Shannon White (OCWWS)
- ✚ Forecasters – Matt Foster (OUN), Steve Ahn (AJK), Dave Metze (PUB), Anita Silverman (RNK), Greg Koch (OTX), Robert Ballard (HFO)
- ✚ Raytheon Developers - Bryan Rockwood and Nate Jesson

We're excited about the various testing activities and we look forward to the continued collaborations with the field. To find out more about the Center-Level Testing, please go online to the test page on the AWIPS Tech Infusion website (<http://www.nws.noaa.gov/ost/SEC/AE/Testing.htm>).

To join the mail list for these messages, please contact Fran Curnow at Frances.Curnow@noaa.gov.

Regards,
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