

## AWIPS II Topic of the Week -- 8th Center-Level Forecaster Initial Testing (FIT)

All,

The eighth Center-Level Forecaster Initial Testing (FIT) at the National Weather Service Headquarters (NWSHQ) occurred on April 20-22, 2010. The Systems Engineering Center (SEC), in cooperation with the NWSHQ Raytheon Test Facility, are hosting several AWIPS II Task Order 11 (TO11) "Forecaster Initial Testing" (FIT) events at NWSHQ. The goals of the three day testing exercises include:

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

For the April FIT session six forecasters, as well as, several on-site Raytheon Omaha developers participated and generated around 55 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, AWIPS II installation and rollback, as well as, site localizations 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 April FIT team members:

- ✚ SSHQ – Shannon White (OCWWS)
- ✚ Forecasters – Robert Ballard (HFO), Robert Radzanowski (CTP), Edward Tirado (SJU), Mark Jarvis (LMK)
- ✚ Raytheon Developers – Kevin Johnson, Sean Webb

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](mailto:Frances.Curnow@noaa.gov).

To UNSUBSCRIBE please use the following URL for instructions: <http://www.weather.gov/ndm/listhelp.html>

Regards,  
Olga Brown-Leigh

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