

NOUS41 KWBC 201653
PNSWSH

Technical Implementation Notice 14-44
National Weather Service Headquarters Washington DC
1253 AM EDT Wed Aug 20 2014

To: Subscribers
-Family of Services
-NOAA Weather Wire Service
-Emergency Managers Weather Information Network
-NOAAPORT
-Other NWS Partners and Employees

From: Terrance J. Clark
Acting Director, Radar Operations Center

Subject: Beta Test of WSR-88D Software Build 15 Changes and Beta
Test Sites beginning on or about September 22, 2014 at five
WSR-88D locations

The NEXRAD Program will conduct a Beta Test of the Radar Data Acquisition/Radar Product Generator (RDA/RPG) Build 15.0 software and hardware upgrade beginning on or about September 22, 2014 at five WSR-88D locations. The Beta Test locations and approximate start dates are as follows:

SITE	APPROXIMATE START DATE
-----	-----
Amarillo, TX (KAMA)	September 22, 2014
Reno, NV (KRGX)	October 6, 2014
Ft. Polk, LA (KPOE)	October 14, 2014
Kenai, AK (PAHG)	October 20, 2014
Pittsburgh, PA (KPBZ)	October 27, 2014

The content impacting external users will be limited. These changes include:

1. Tuning the RPG Initial PhiDP estimate with the option to use in RPG algorithms
2. Adding ability for site modification of the dual polarization rainfall rates to address tropical and continental drop size distributions
3. Adding the Supplemental Adaptive Intra-volume Low-Level Scan (SAILS) location within the volume scan to the General Status Message (GSM)

For more information, visit the Radar Operations Center website:

<http://www.roc.noaa.gov/wsr88d>

For questions or comments, please contact:

Jessica Schultz
NWS Radar Focal Point
Radar Operations Center
Jessica.A.Schultz@noaa.gov

National Technical Implementation Notices are online at:

<http://www.weather.gov/os/notif.htm>

\$\$