Service Change Notice 14-44
National Weather Service Headquarters Washington DC
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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:

<table>
<thead>
<tr>
<th>SITE</th>
<th>APPROXIMATE START DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Amarillo, TX (KAMA)</td>
<td>September 22, 2014</td>
</tr>
<tr>
<td>Reno, NV (KRGX)</td>
<td>October 6, 2014</td>
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<tr>
<td>Ft. Polk, LA (KPOE)</td>
<td>October 14, 2014</td>
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<tr>
<td>Kenai, AK (PAHG)</td>
<td>October 20, 2014</td>
</tr>
<tr>
<td>Pittsburgh, PA (KPBZ)</td>
<td>October 27, 2014</td>
</tr>
</tbody>
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The content impacting external users will be limited. These changes include:

- Tuning the RPG Initial PhiDP estimate with the option to use in RPG algorithms.

- Adding ability for site modification of the dual polarization rainfall rates to address tropical and continental drop size distributions.

- 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:

https://www.roc.noaa.gov/WSR88D/

For questions or comments, please contact:

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National Service Change Notices are online at:

https://www.weather.gov/notification/archive

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