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Public Information Statement
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 -NOAA Weather Wire Service
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From: Neal Dipasquale, Acting Director
 Field Systems Operations Center
 AWIPS Support Branch

Subject: Weather Radio Improvement Project (WRIP) Operational Test and
Evaluation (OT and E) will start February 20, 2012

The new WRIP system is an effort by the NWS to modernize the current National Weather Radio (NWR) and NOAA Weather Wire Service (NWWS) dissemination systems. WRIP will replace the Console Replacement System (CRS), which is reaching its end of life due to parts obsolescence. The WRIP system will enable NWR and NWWS dissemination systems, facilities, and processes to be merged into a single infrastructure to provide a timely, robust, cost-effective, and scalable network. Additionally, the WRIP system will provide the interface to Department of Homeland Security (DHS), Federal Emergency Management Agency (FEMA), and other emergency management agencies for dissemination of localized and national emergency voice alerts to specific stations.

The WRIP OT and E will be conducted in two phases. Phase I will begin with the OT and E site installations and site acceptance testing at each site starting February 22, 2012.

The OT and E will be conducted at the following NWS Weather Forecast Offices (WFOs; in order of installation):

- WFO El Paso, TX (EPZ)
- WFO Blacksburg, VA (RNK) and WFO Omaha, NE (OAX) (concurrently installed)
- WFO Anchorage, AK (AFC) and Honolulu, HI (HFO) (concurrently installed)
- WFO Portland, OR (PQR)

OT and E phase I will conclude on April 5, 2012. OT and E Phase II will begin shortly thereafter following a test readiness review meeting.

During the OT and E, NWWS monitoring will be performed with specific NWWS users and at the following national centers:

- Storm Prediction Center (SPC)
- National Hurricane Center (NHC)

- West Coast/Alaska Tsunami Warning Center (ATWC)
- Pacific Tsunami Warning Center (PWTC)

For the duration of the OT and E, the test sites will monitor and verify that actual weather messages are successfully scheduled in WRIP and broadcast to NWR and that NWWS messages are transmitted to the master ground station for dissemination. The selected OT and E sites and NWWS users will report any problems with the message transmission.

If you have any questions or comments, please contact:

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