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Technical Implementation Notice 11-22, Amended
National Weather Service Headquarters Washington DC
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To: Subscribers
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 -NOAA Weather Wire Service
 -Emergency Managers Weather Information Network
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From: Richard J. Vogt
 Director, WSR-88D Radar Operations Center

Subject: Amended: WSR-88D Dual Polarization Modification
 beginning September 12, 2011

References: Technical Implementation Notices 10-22 and 10-23
 (Corrected) dated Nov 2, 2010
 Public Information Statement, Jun 18, 2010

The Next Generation Weather Radar (NEXRAD) agencies have approved the network-wide deployment of the WSR-88D (Weather Surveillance Radar-1988, Doppler) Dual Polarization modification. The full deployment phase of the project is scheduled to begin Sep 12, 2011. Please note the following information concerning the installations:

The deployment schedule is posted at the following link under the title "Deploy Schedule"

<http://www.roc.noaa.gov/WSR88D/DualPol/Default.aspx>.

The status of the sites completed to date and installations planned for the next month is posted under the title "Deployment Status" at:

<http://www.roc.noaa.gov/WSR88D/DualPol/Default.aspx>

Each WSR-88D will be inoperable for approximately 12 days during the modification. Sites will issue a Public Information Statement and a Free Text Message before turning off the legacy system. Another Free Text Message will be issued when the Dual Polarization modification is complete and the radar is placed back in operation.

Transmission of Level II Dual Polarization data will begin when the modification is completed. Initially, Level III Dual Polarization products will not be transmitted. The Dual Polarization products will generally be added to Level III

product transmission during the first Tuesday through Thursday work day after the modification completion.

Information on the Dual Polarization Level II data formats is under the title "Documentation" at:

<http://www.roc.noaa.gov/WSR88D/DualPol/Default.aspx>

Information on the Dual Polarization Level II data and products to be collected, archived, and distributed is in NWS Technical Implementation Notice 10-23, issued May 19, 2010.

Dual Polarization training materials are available at:

<http://www.wdtb.noaa.gov/>

If you have questions or comments, please contact:

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National Technical Implementation Notices are online at:

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

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