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Service Change Notice 22-87  
National Weather Service Headquarters Silver Spring MD  
1210 PM EDT Fri Sep 9 2022

To:           Subscribers:  
              -NOAA Weather Wire Service  
              -Emergency Managers Weather Information Network  
              -NOAAPort  
              Other NWS Partners, Users and Employees

From:       Terrance J. Clark  
              Director, WSR-88D Radar Operations Center

Subject: WSR-88D RDA/RPG Build 21.0 Beta Test Began on August 22, 2022

The Radar Operations Center began the Beta Test phase of Radar Data Acquisition (RDA) / Radar Product Generator (RPG) Build 21.0 on August 22, 2022. It will continue through approximately September 23, 2022.

The Rain Rate Classification product (RRC/197) is new with Build 21.0 and identifies which Dual Polarization rain rate relationship is being used. The RRC will be available on or about February 21, 2023 when dissemination via the Radar Product Central Collection Dissemination Service (RPCCCDS) begins. For additional information on this product please see:

<https://www.roc.noaa.gov/wsr88d//PublicDocs/NewTechnology/Build-21.0-RRC-Product-Information.pdf>

The velocity resolution in all Level 2 data will now be 0.5 m/s, regardless of the velocity increment value set at the RPG in Build 21.0.

The Build 21.0 Beta Test sites and tentative start dates are as follows:

PHKI - South Kauai, HI  
August 22, 2022

KMAX - Medford, OR  
August 29, 2022

KCLX - Charleston, SC  
September 12, 2022

KDYX - Dyess AFB, TX  
September 19, 2022

KTWX - Topeka, KS  
September 19, 2022

Full deployment of Build 21.0 is expected to begin in November or early December 2022.

Draft Interface Control Documents (ICDs) are located at:

<https://www.roc.noaa.gov/WSR88D/NewRadarTechnology/NewTechDefault.aspx>

For questions or comments, please contact:

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National Service Change Notices are online at:

<https://www.weather.gov/notification/>

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