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PNSWSH

Service Change Notice 24-54 Updated  
National Weather Service Headquarters Silver Spring MD  
140 PM EDT Fri Aug 16 2024

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

From:     David Michaud, Director  
          NWS Office of Central Processing

Subject: Updated: Suspension of the Change to NOAAPort / Satellite  
Broadcast Network (SBN) Channel Alignment

Updated to suspend the implementation date from 1200 Coordinated  
Universal Time (UTC) August 19, 2024, to a later date yet to be  
determined. This implementation has been suspended due to numerous  
severe weather events recently along with associated delays.

Once the new date is established, the NWS recommends that all users  
ensure their requests from NOAAPort / SBN utilize the feed type of ANY  
rather than specific feed types such as HDS and NGRID. After this  
change, patterns could be duplicated so users should cross-check and make  
sure there are no duplicates.

An example of a request to change is for the contiguous U.S. (CONUS)  
Model Output Statistics (MOS) products.

Before:

NGRID|IDS|DDPLUS       ^(FOUS[1-589].) (....) (..)(..)(..)

After:

ANY       ^(FOUS[1-589].) (....) (..)(..)(..)

From the original Service Change Notice (SCN) 24-54:  
The NWS has studied the existing NOAAPort/SBN/NWWS channel alignment,  
bandwidth usage, prioritization, and delay times. This study identified  
that reorganizing the data on the various channels will improve the  
timeliness of distributed products.

The first of three changes to the existing NOAAPort/SBN/NWWS channels is  
to migrate all gridded binary (grib), grib2, and Binary Universal Form  
for the Representation of meteorological data (bufr) formatted data from  
the NMC channel to the NMC2 channel.

The following is a list of World Meteorological Organization (WMO)  
Headers that will move: (Channel: NMC | Priority: 0 | Bandwidth: 20 |  
Port: 1201 | PID: 101) to (Channel: NMC2 | Priority: 5 | Bandwidth: 30 |  
Port: 1203 | PID: 103):

^(AT....)^(DT....)^(ES....)^(FT....)^(GT....)^(HH....)  
^(HR....)^(HT....)^(HU....)^(HV....)^(IU....)^(JS....)  
^(JU....)^(LA....)^(LE....)^(LH....)^(LP....)^(LR....)  
^(LT....)^(LU....)^(LV....)^(MA....)^(ME....)^(ME....)  
^(MH....)^(MP....)^(MP....)^(MR....)^(OE....)^(PE....)  
^(RD....)^(RE....)^(RH....)^(SL....)^(SV....)^(YA....)  
^(YB....)^(YC....)^(YD....)^(YE....)^(YF....)^(YG....)  
^(YH....)^(YI....)^(YJ....)^(YK....)^(YL....)^(YM....)  
^(YN....)^(YO....)^(YP....)^(YQ....)^(YR....)^(YS....)  
^(YT....)^(YU....)^(YV....)^(YW....)^(YX....)^(YY....)  
^(YZ....)^(ZA....)^(ZB....)^(ZC....)^(ZD....)^(ZE....)  
^(ZF....)^(ZG....)^(ZH....)^(ZO....)^(ZP....)^(ZQ....)  
^(ZR....)^(ZS....)^(ZT....)^(ZU....)^(ZV....)^(ZW....)  
^(ZX....)^(ZY....)^(ZZ....)

No change is expected to the data feed at the receiver. If no issues are experienced, the configuration will remain in place. If any issues are identified, the changes will be evaluated, and a new implementation date will be determined.

We encourage all NOAAPort/SBN/NWWS users to closely monitor this SCN during the transition period for updated information. If you have any questions or concerns, please contact the focal points below:

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National Service Change Notices are online at:

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

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