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PNSWSH

Service Change Notice 24-54 Updated  
National Weather Service Headquarters Silver Spring MD  
1145 AM EDT Wed Aug 21 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: Change to NOAAPort / Satellite Broadcast Network (SBN)  
Channel Alignment: Effective on or about September 9, 2024

Updated to establish a new implementation date to on or about 1200  
Coordinated Universal Time (UTC) September 9, 2024. This new date has  
been established after several previous postponements due to extended  
severe weather,

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].) (....) (..)(..)(..)
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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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