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FROM:      Captain James Crocker, NOAA
Director, Surface and Upper Air Division
Office of Observations

SUBJECT:   Updated: Transition of the Radiosonde Replacement System (RRS) to the 403 MHz Manual Radiosonde Observation System (MROS) at Five Upper Air Sites in May 2022

Updated to include two additional sites to transition to MROS: Tiyan, Guam, and Koror, Palau.

The National Weather Service will convert five Upper Air sites to Manual Radiosonde Observation System (MROS) 403 MHz operations in May 2022. Transition will occur on or about the MROS Start date indicated.

<table>
<thead>
<tr>
<th>UPPER AIR SITE</th>
<th>WMO ID</th>
<th>STN ID</th>
<th>MROS START</th>
<th>MROS SONDE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flagstaff, AZ</td>
<td>72376</td>
<td>KFGZ</td>
<td>16 May 2022</td>
<td>GRAW DFM-17</td>
</tr>
<tr>
<td>Key West, FL</td>
<td>72201</td>
<td>KKEY</td>
<td>16 May 2022</td>
<td>VAISALA RS41-NG</td>
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<tr>
<td>Tiyan, GUAM</td>
<td>91212</td>
<td>PGUM</td>
<td>16 May 2022</td>
<td>VAISALA RS41-NG</td>
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<td>Koror, PALAU</td>
<td>91408</td>
<td>PTKR</td>
<td>23 May 2022</td>
<td>VAISALA RS41-NG</td>
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<tr>
<td>Gaylord, MI</td>
<td>72634</td>
<td>KAPX</td>
<td>23 May 2022</td>
<td>GRAW DFM-17</td>
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<td>Upton, NY</td>
<td>72501</td>
<td>KOKX</td>
<td>23 May 2022</td>
<td>GRAW DFM-17</td>
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<tr>
<td>Tucson, AZ</td>
<td>72274</td>
<td>KTWC</td>
<td>23 May 2022</td>
<td>GRAW DFM-17</td>
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</tbody>
</table>

During the transition period of up to 30 days, dual radiosonde flights may be performed until the MROS is declared operational for the regularly scheduled observations of 00Z and 12Z.

For additional information on the message requirements, see WMO 306 Manual on Codes (International Codes):

- Volume I.1 Part A - Alphanumeric Codes
- Volume I.2 Part B - Binary Codes
- Volume II Regional Codes and National Coding Practices (WMO Region IV)

If you have questions or feedback, please contact:

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A complete list of Upper Air radiosonde types and ground equipment can be found at: https://www.weather.gov/upperair/

NWS Service Change Notices are online at:

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

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