Subject: Marine Forecast Matrix Issued by Weather Forecast Office Honolulu, HI for Additional Pacific Locations Beginning October 1, 2021

Beginning on or about October 1, 2021, the NWS Weather Forecast Office (WFO) in Honolulu, HI (HFO) will begin issuing a new Marine Forecast Matrix (MFM) text product for locations outside of the Main Hawaiian Island coastal waters (MFMN10). No changes will be made to the existing MFM for locations across the Main Hawaiian Island coastal waters (MFMHFO).

With the addition of MFMN10, there will be two MFM products issued by HFO. The World Meteorological Organization (WMO) Identifiers (IDs) and Advanced Weather Interactive Processing System (AWIPS) Product Identifiers (PILs) are:

<table>
<thead>
<tr>
<th>Product Name</th>
<th>WMO Heading</th>
<th>AWIPS ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Marine Forecast Matrix</td>
<td>FXHW40</td>
<td>MFMHFO*</td>
</tr>
<tr>
<td>Marine Forecast Matrix</td>
<td>FXPA41</td>
<td>MFMN10+</td>
</tr>
<tr>
<td>*existing product</td>
<td></td>
<td></td>
</tr>
<tr>
<td>+new product</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The MFMN10 product will include a subset of elements covered in the MFM Product Description Document available at:

https://nws.weather.gov/products/PDD/MFM_PDD.pdf

The elements included in MFMN10 are wind direction (WIND DIR), wind speed (WIND SPD), significant wave height (SIG WAVE HGT) and probability of thunderstorms (TSTMS). Additional forecast elements and forecast locations may be added at a later date.

An example of the MFMN10 product is available at:

https://www.weather.gov/media/hfo/MFMN10.txt
For more information, please contact:

John Bravender  
Warning Coordination Meteorologist  
NWS Honolulu, HI  
john.bravender@noaa.gov  
Phone: 808-973-5275

National Service Change Notices are online at:

https://www.weather.gov/notifications/

NNNN