

NOUS41 KWBC 151940
PNSWSH

Technical Implementation Notice 13-24
National Weather Service Headquarters Washington DC
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From: Kevin Schrab
 Chief, Observing Services Division
 Office of Climate, Water and Weather Services

Subject: Kodiak Upper Air (UA) Site Conversion from Automated
Radiotheodolite Tracking (ART) and Radio Direction Finding Radiosondes
(RDF) to LMG6 Ground Tracking and LMS6 Radiosondes on or about September
20, 2013

On or about September 20, 2013, the Kodiak UA site will terminate RDF and
ART operations and begin using the Lockheed Martin Sippican (LMS) 403 MHZ
tracking system (LMG6). During the transition, UA observations may be out
for up to three days:

Name	WMO#	SID	LMS Start Date
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Kodiak	70350	PADQ	September 18-25 2013

When implementation is complete, the Kodiak site will gather
meteorological data from the newest category of Global Positioning System
(GPS) radiosondes the LMS6. The assigned equipment code is: 48208. The
leading "4" indicates a correction is applied for solar and infrared
exposure. The 08 suffix indicates automatic satellite navigation. This
code appears immediately after the heading, 31313, in the TAA, TTB, TTC
and TTDD messages.

The format of the messages will be the same WMO format for coded UA
messages used with the MicroArt legacy system. The number of levels in
the TTAA, TTBB, TTCC, TTDD, PPBB and PPDD parts will be relatively
unchanged.

In addition, the 31313 message indicator associated with various parts of
the message will be included with each part of the thermodynamic message
parts.

For additional information on the message requirements, please see the
World Meteorological Organization (WMO) 306 Manual on Codes (International
Codes): Volume I.1 Part A-Alphanumeric Codes, and Volume II, Regional
Codes and National Coding Practices. Users can find information on the
levels selection criteria used in NWS coding software online at:

<http://www.ua.nws.noaa.gov>

If you have questions or feedback, please contact:

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National Technical Implementation notices are online at:

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

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