

NOUS41 KWBC 151940
PNSWSH

Technical Implementation Notice 13-24
National Weather Service Headquarters Washington DC
340 PM EDT Thu Aug 15, 2013

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FROM: Kevin Schrab
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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 3 days.

NAME	WMO#	SID	LMS START DATE
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 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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NWS National Technical Implementation notices are online at:

<http://www.weather.gov/os/notif.htm>

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