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PNSWSH

SERVICE CHANGE NOTICE 07-10  
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC  
135 PM EDT TUE MAR 7 2007

TO: FAMILY OF SERVICES /FOS/ SUBSCRIBERS...NOAA  
WIRE SERVICE /NWS/ SUBSCRIBERS...EMERGENCY MANAGERS  
WEATHER INFORMATION NETWORK /EMWIN/ SUBSCRIBERS  
...NOAAPORT SUBSCRIBERS...OTHER NATIONAL WEATHER  
SERVICE /NWS/ CUSTOMERS AND PARTNERS...AND NWS  
EMPLOYEES

FROM: THERESE Z. PIERCE  
CHIEF...MARINE AND COASTAL SERVICES BRANCH

SUBJECT: DATA AND PRODUCT CHANGES FROM DEPARTMENT OF DEFENSE  
/DOD/ WC-130J RECONNAISSANCE AIRCRAFT: EFFECTIVE  
JUNE 1 2007

DOD IS CONTINUING THE WC-130J AIRCRAFT RETROFIT AND  
IMPLEMENTATION OF NEW SOFTWARE FOR THE COLLECTION AND  
TRANSMISSION OF HIGH DENSITY/HIGH ACCURACY DATA COLLECTIVELY  
REFERRED TO AS HIGH DENSITY OBSERVATIONS /HDOB/ THROUGH 2007.

1. NEW PRODUCTS: EFFECTIVE JUNE 1 2007 THE TROPICAL PREDICTION  
CENTER/NATIONAL HURRICANE CENTER /NHC/ WILL BEGIN ISSUANCE OF  
THREE NEW PRODUCTS FOR THE TRANSMISSION OF AIR FORCE HDOB. USERS  
WHO WISH TO RECEIVE THIS DATA MUST MAKE THE FOLLOWING CHANGES IN  
THEIR WMO COMMUNICATIONS DATABASES BY JUNE 1 2007:

BASIN	WMO HEADING/ACTION	AWIPS ID/ACTION
ATLANTIC	URNT15 KNHC/ADD	AHONT1/ADD
EASTERN/CENTRAL PACIFIC	URPN15 KNHC/ADD	AHOPN1/ADD
WESTERN PACIFIC	URPA15 KNHC/ADD	AHOPA1/ADD

IN 2006 THIS DATA WAS ROUTED VIA THE FAMILY OF SERVICES /FOS/  
SXXX50 MESSAGE.

2. NEW BACKUP PRODUCTS: EFFECTIVE JUNE 1 2007...IN THE EVENT THE  
PRIMARY MEANS OF DISSEMINATION FOR AIR FORCE HDOB CANNOT BE  
ACCOMPLISHED VIA THE NHC...BACKUP PRODUCTS WILL BE DISSEMINATED  
THROUGH KEESLER AIR FORCE BASE. USERS WHO WISH TO RECEIVE THIS  
DATA MUST MAKE THE FOLLOWING CHANGES IN THEIR COMMUNICATIONS  
DATABASES BY JUNE 1 2007:

BASIN	WMO HEADING/ACTION	AWIPS ID/ACTION
ATLANTIC	URNT15 KBIX/ADD	AHONT1/ADD
EASTERN/CENTRAL PACIFIC	URPN15 KBIX/ADD	AHOPN1/ADD
WESTERN PACIFIC	URPA15 KBIX/ADD	AHOPA1/ADD

THESE NEW PRODUCTS WILL BE PROVIDED ON THE FOS...EMERGENCY MANAGERS WEATHER INFORMATION NETWORK /EMWIN/...NOAAPORT...AND NOAA WEATHER WIRE SERVICE /NWS/.

3. NEW PRODUCT FORMAT: EFFECTIVE JUNE 1 2007...IN ADDITION TO THE COMMENCEMENT OF NEW PRODUCT HEADERS...THERE WILL BE A CHANGE IN THE HDOB MESSAGE FORMAT.

USERS WISHING TO READ ABOUT THE NEW HDOB MESSAGE FORMAT MAY GO TO /USE LOWER CASE LETTERS/:

[WWW.NHC.NOAA.GOV/ABOUTHDOBS\\_2007.SHTML](http://WWW.NHC.NOAA.GOV/ABOUTHDOBS_2007.SHTML)

USERS WISHING TO VIEW A SAMPLE HDOB IN THE NEW DATA FORMAT MAY GO TO /USE LOWER CASE LETTERS/:

[WWW.NHC.NOAA.GOV/HDOBS\\_SAMPLE\\_2007.SHTML](http://WWW.NHC.NOAA.GOV/HDOBS_SAMPLE_2007.SHTML)

HDOB MESSAGE FORMATS ARE PROVIDED IN NATIONAL HURRICANE OPERATIONS PLAN /NHOP/ APPENDIX G. THE 2006 NHOP...ALONG WITH THE 2006 HDOB MESSAGE FORMAT...IS CURRENTLY PROVIDED ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.OFCM.GOV/NHOP](http://WWW.OFCM.GOV/NHOP)

THE 2007 NHOP WILL BE POSTED ONLINE BY JUNE 1 2007...ALONG WITH THE 2007 NEW HDOB MESSAGE FORMAT.

PLEASE NOTE: 2007 WILL BE A TRANSITION YEAR TO RETROFIT THE ENTIRE WC-130J FLEET WITH THE ENHANCED DATA CAPABILITY. WHEN AIRCRAFT NOT OUTFITTED WITH THE NEW INSTRUMENTATION ARE DEPLOYED IN 2007...THEN THE ASSOCIATED DATA BLOCKS IN THE HDOB MESSAGE FORMAT WILL BE REPORTED AS MISSING...USING THE FIGURE NINE /9/ AS A PLACEHOLDER.

4. PRODUCT DISCONTINUATION: EFFECTIVE JUNE 1 2007 THE DISSEMINATION OF SUPPLEMENTAL VORTEX MESSAGE PRODUCTS WILL BE DISCONTINUED. THE NEW HDOB INFORMATION IS NOW PROVIDED TO THE ENTIRE USER COMMUNITY AND PROVIDES FAR MORE DETAILED INFORMATION. USERS CAN MAKE THE FOLLOWING CHANGES IN THEIR COMMUNICATIONS DATABASES BY JUNE 1 2007:

BASIN	WMO HEADING/ACTION
ATLANTIC	URNT14 KNHC AND KBIX/DELETE
EASTERN AND CENTRAL PACIFIC	URPN14 KNHC AND KBIX/DELETE
WESTERN PACIFIC	URPA14 KNHC AND KBIX/DELETE

IF YOU HAVE ANY QUESTIONS...PLEASE CONTACT

TIMOTHY SCHOTT  
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MARINE AND COASTAL SERVICES BRANCH

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THIS NOTICE AND OTHER SERVICE CHANGE NOTICES CAN BE FOUND ONLINE  
AT /USE LOWER CASE LETTERS/:

[WWW.NWS.NOAA.GOV/OM/NOTIF/HTM](http://WWW.NWS.NOAA.GOV/OM/NOTIF/HTM)

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