

NOUS41 KWBC 032125
PNSWSH

SERVICE CHANGE NOTICE 04-10
NATIONAL WEATHER SERVICE HEADQUARTERS WASHINGTON DC
425 PM EST WED MAR 3 2004

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

FROM: ROBERT J. MCLEOD
CHIEF...AWARENESS BRANCH
OFFICE OF CLIMATE...WATER AND WEATHER SERVICES

SUBJECT: NATIONAL WEATHER SERVICE IMPLEMENTATION OF NEW EMERGENCY ALERT
SYSTEM /EAS/ EVENT CODES AND SPECIFIC AREA MESSAGE ENCODING /SAME/ CODES
ON NOAA WEATHER RADIO AND THE EMERGENCY ALERT SYSTEM: EFFECTIVE JUNE 30
2004

ON WEDNESDAY JUNE 30 2004 AT 1800 COORDINATED UNIVERSAL TIME /UTC/...ALL
NATIONAL WEATHER SERVICE /NWS/ WEATHER FORECAST OFFICES /WFOS/ WILL
IMPLEMENT THE NEW EMERGENCY ALERT SYSTEM /EAS/ EVENT CODES IN MESSAGES
BROADCAST ON NOAA WEATHER RADIO /NWR/. IN A FEW AREAS OF THE
COUNTRY...NWS OFFICES HAVE PREVIOUSLY ANNOUNCED AND IMPLEMENTED ONE OR
MORE OF THE NEW EAS EVENT CODES IN PARTNERSHIP WITH LOCAL OR STATE
EMERGENCY COMMUNICATIONS COMMITTEES.

NWR IS THE PRIMARY MEANS FOR NWS ALERTS TO ACTIVATE THE EAS. EAS EVENT
CODES ARE EQUIVALENT TO SPECIFIC AREA MESSAGE ENCODING /SAME/ CODES USED
BY SAME-CAPABLE NWR RECEIVERS TO ALLOW LISTENERS TO PROGRAM DESIRED ALERT
MESSAGES. THIS CHANGE HAS NO IMPACT ON NWR LISTENERS WITH NWR RECEIVERS
THAT DO NOT USE THE SAME TECHNOLOGY FOR ALERTS.

NO COMMUNICATION IDENTIFIER CHANGES ARE REQUIRED IN ASSOCIATION WITH THIS
CHANGE ON NWR. A FUTURE SERVICE CHANGE NOTICE WILL BE ISSUED REGARDING
NEW COMMUNICATION IDENTIFIERS FOR RELATED TEXT PRODUCTS TRANSMITTED ON
NOAAPORT...NOAA WEATHER WIRE SERVICE /NWWS/...EMERGENCY MANAGERS WEATHER
INFORMATION NETWORK /EMWIN/ AND FAMILY OF SERVICES /FOS/...WHICH WILL ALSO
BE IMPLEMENTED JUNE 30 2004.

THE FEDERAL COMMUNICATIONS COMMISSION /FCC/...WHO MAKE THE RULES
CONCERNING EAS...ISSUED A REPORT AND ORDER AMENDING THE EAS RULES ON
FEBRUARY 26 2002...AND THE REPORT AND ORDER BECAME EFFECTIVE MAY 16 2002.
THE REPORT AND ORDER INCLUDES NUMEROUS NEW WEATHER AND NON-WEATHER RELATED
EAS EVENT CODES AND NWS/S NEW MARINE AREA LOCATION CODES. NWS WAITED TO
IMPLEMENT THE NEW EAS EVENT/SAME CODES AND MARINE LOCATION CODES TO ALLOW
NWR RECEIVER AND EAS EQUIPMENT MANUFACTURERS TIME TO UPGRADE THEIR
PRODUCTS TO ACCOMMODATE THE NEW CODES...AND BROADCASTERS TIME TO UPGRADE
THEIR EAS EQUIPMENT.

THE DIGITAL SAME CODES ARE PREFIXED TO SPECIFIC MESSAGES BROADCAST ON NWR. THE EAS/SAME CODES CAN BE USED TO SELECT SPECIFIC MESSAGES FOR WHICH YOU WANT TO BE ALERTED USING YOUR SAME-CAPABLE NWR RECEIVER OR EAS DECODER EQUIPMENT.

ALL NWR LISTENERS WITH SAME-CAPABLE RADIOS...BROADCASTERS AND EMERGENCY MANAGERS WHO USE THE EAS EVENT CODES SHOULD REVIEW THEIR USE OF THE EAS/SAME CODES...AND MAY WANT TO REPROGRAM THEIR EQUIPMENT TO RECOGNIZE ONE OR MORE OF THE NEW CODES...NO LATER THAN JUNE 30 2004. WE RECOMMEND CUSTOMERS PROGRAM THEIR DESIRED NEW SAME/EAS EVENT AT THEIR CONVENIENCE BEFORE JUNE 30 2004 SO THE CHANGE WILL BE TRANSPARENT ON THE EFFECTIVE DATE.

A FEW NEW WEATHER-RELATED EAS/SAME CODES WILL BE IMPLEMENTED ON JUNE 30 2004. THESE ARE:

NEW WEATHER-RELATED EVENT	EAS/SAME CODE
-----	-----
COASTAL FLOOD WATCH	CFA
COASTAL FLOOD WARNING	CFW
DUST STORM WARNING	DSW
SPECIAL MARINE WARNING	SMW
TROPICAL STORM WATCH	TRA
TROPICAL STORM WARNING	TRW

ALL BUT ONE OF THE REST OF THE NEW EAS EVENT CODES ARE FOR NON-WEATHER RELATED EVENTS...WHICH USED TO BE BROADCAST AND ALERTED USING THE CIVIL EMERGENCY MESSAGE /CEM/ EVENT CODE. CEM WILL CONTINUE TO BE A VALID EAS/SAME CODE. THE NEW NON-WEATHER RELATED EAS/SAME CODES ARE:

NEW NON-WEATHER RELATED EVENT	EAS/SAME CODE
-----	-----
AVALANCHE WATCH	AVA
AVALANCHE WARNING	AVW
CHILD ABDUCTION EMERGENCY	CAE
CIVIL DANGER WARNING	CDW
EARTHQUAKE WARNING	EQW
FIRE WARNING	FRW
HAZARDOUS MATERIAL WARNING	HMW
LAW ENFORCEMENT WARNING	LEW
LOCAL AREA EMERGENCY	LAE
911 TELEPHONE OUTAGE EMERGENCY	TOE
NUCLEAR POWER PLANT WARNING	NUW
RADIOLOGICAL HAZARD WARNING	RHW
SHELTER-IN-PLACE WARNING	SPW
VOLCANO WARNING	VOW

NON-WEATHER RELATED EAS MESSAGES ARE PREPARED BY LOCAL OR STATE CIVIL AUTHORITIES AND MAY BE RELAYED BY THE NWS OVER NWR AND THE EAS AT THEIR REQUEST. THE NWS DOES NOT INITIATE NON-WEATHER RELATED EAS MESSAGES.

THE REMAINING NEW EAS/SAME CODE IS AN ADMINISTRATIVE EVENT CODE...

NEW ADMINISTRATIVE EVENT	EAS/SAME CODE
-----	-----
NETWORK MESSAGE NOTIFICATION	NMN

FOR NWR LISTENERS: TO PROPERLY RECEIVE AND PROCESS THE SAME CODES AND PROGRAM DESIRED ALERTS...LISTENERS MAY WANT TO REPROGRAM THEIR SAME-CAPABLE NWR RECEIVER. INSTRUCTIONS ON REPROGRAMMING YOUR SAME-CAPABLE RECEIVER ARE IN YOUR OWNERS MANUAL OR AVAILABLE FROM THE MANUFACTURER OF YOUR RADIO. FOR YOUR INFORMATION...A LIST OF MANY WEATHER RADIO RECEIVER MANUFACTURERS IS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/NWR/NWRRCVR.HTM](http://www.nws.noaa.gov/nwr/nwrRCVR.HTM)

FOR BROADCASTERS: TO PROPERLY RECEIVE AND PROCESS THE NEW EAS EVENT CODES...BROADCASTER/S EAS ENCODER/DECODER EQUIPMENT MUST BE UPGRADED TO IMPLEMENT MANY OF THE CHANGES IN THE FCC/S REPORT AND ORDER...INCLUDING THE NEW EAS EVENT CODES. IF EAS EQUIPMENT IS NOT UPGRADED...THE NEW EAS EVENT CODES WILL CAUSE UNKNOWN EVENT CODE OPERATOR ALARMS. RADIO AND TELEVISION STATION ENGINEERS SHOULD VERIFY THEIR EAS EQUIPMENT HAS BEEN UPGRADED TO ACCOMMODATE THE NEW EAS EVENT CODES. CHECK WITH YOUR EAS EQUIPMENT MANUFACTURER FOR MORE INFORMATION IF YOU HAVE NOT UPGRADED YOUR EQUIPMENT.

MARINE AREA LOCATION CODES:

MORE INFORMATION ABOUT THE NEW MARINE AREA LOCATION CODES IS AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

[HTTP://WWW.NWS.NOAA.GOV/GEODATA/CATALOG/WSOM/HTML/MARINENWREAS.HTM](http://www.nws.noaa.gov/geodata/catalog/wsom/html/marinENWREAS.HTM)

A COMPLETE LIST OF THE CURRENT AND NEW EAS/SAME CODES TO BE IMPLEMENTED ON JUNE 30 2004 IS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/OS/EAS_CODES.HTM](http://www.nws.noaa.gov/os/EAS_CODES.HTM)

ADDITIONAL INFORMATION ON THE EAS IS AVAILABLE ONLINE AT /USE LOWER CASE/:

[HTTP://WWW.NWS.NOAA.GOV/OS/NWS_EAS.HTM](http://www.nws.noaa.gov/os/NWS_EAS.HTM)

FOR FURTHER INFORMATION ON THE NWS IMPLEMENTATION OF THE NEW EAS/SAME CODES...CONTACT:

HERB WHITE
DISSEMINATION SERVICES PROGRAM MANAGER
SILVER SPRING MARYLAND
PHONE: 301-713-0090 X 146
E-MAIL: HERBERT.WHITE@NOAA.GOV

MARK TEW
PUBLIC WEATHER WARNING MANAGER
SILVER SPRING MARYLAND
301-713-1867 X 103
MARK.TEW@NOAA.GOV

NATIONAL SERVICE CHANGE NOTICES ARE ONLINE AT /USE LOWER CASE/:

[HTTPS://WWW.WEATHER.GOV/NOTIFICATION/ARCHIVE](https://www.weather.gov/NOTIFICATION/ARCHIVE)

\$\$

NNNN