

NOUS41 KWBC 032122
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 NATIONAL WEATHER SERVICE
/NWS/ CUSTOMERS AND PARTNERS...AND NWS 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 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.

NOAA WEATHER RADIO 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 NOAA WEATHER RADIO. A FUTURE SERVICE CHANGE
NOTICE WILL BE ISSUED REGARDING NEW COMMUNICATION IDENTIFIERS FOR
RELATED TEXT PRODUCTS TRANSMITTED ON NOAAPORT...NWWS...EMWIN...
AND FAMILY OF SERVICES...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 NATIONAL WEATHER SERVICE OVER NOAA WEATHER RADIO AND THE EAS AT THEIR REQUEST. THE NATIONAL WEATHER SERVICE 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 NOAA WEATHER RADIO LISTENERS...

TO PROPERLY RECEIVE AND PROCESS THE SAME CODES AND PROGRAM DESIRED ALERTS...LISTENERS MAY WANT TO REPROGRAM THEIR SAME-CAPABLE NOAA WEATHER RADIO 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 LETTERS/:

<http://www.nws.noaa.gov/nwr/nwrrevr.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>

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 LETTERS/:

http://www.nws.noaa.gov/os/eas_codes.htm

ADDITIONAL INFORMATION ON THE EMERGENCY ALERT SYSTEM IS AVAILABLE ONLINE AT /USE LOWER CASE LETTERS/:

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	MARK TEW
DISSEMINATION SERVICES MANAGER	OR PUBLIC WEATHER WARNING PROGRAM MANAGER
SILVER SPRING MARYLAND	SILVER SPRING MARYLAND
PHONE: 301-713-0090 X 146	301-713-1867 X 103
E-MAIL: HERBERT.WHITE@NOAA.GOV	MARK.TEW@NOAA.GOV

THIS AND OTHER NWS SERVICE CHANGE NOTICES ARE AVAILABLE ONLINE AT
/USE LOWER CASE LETTERS/:

<http://www.nws.noaa.gov/os/notif.htm>

\$\$
NNNN