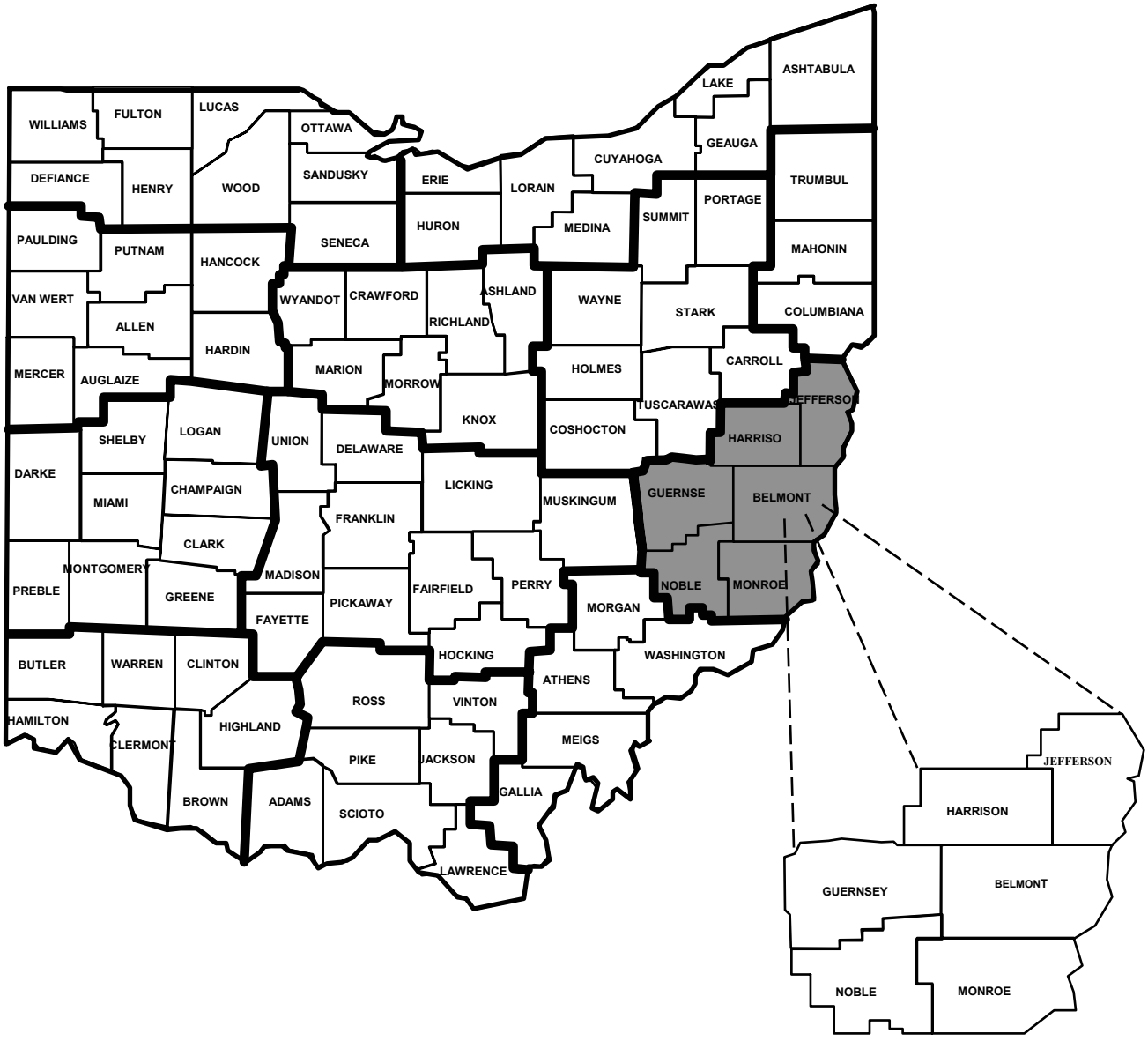
UPPER OHIO VALLEY EMERGENCY ALERT SYSTEM

OPERATIONAL AREA PLAN



EMERGENCY ALERT SYSTEM

UPPER OHIO VALLEY
OPERATIONAL AREA

PLAN AND PROCEDURES
FOR THE FOLLOWING OHIO COUNTIES

BELMONT
GUERNSEY
HARRISON
JEFFERSON
MONROE
NOBLE

Revised July 2003

APPROVALS

This Upper Ohio Valley Operational Area EAS Plan was developed and approved by the Upper Ohio Valley Emergency Communications Committee, and the National Weather Service in cooperation with the Ohio Emergency Management Agency (EMA).

JACK REESE, Chairman
Emergency Communications Committee

STEVE FRAUNFELTER, Vice Chairman
Emergency Communications Committee

THERESA ROSSI, M-I-C
National Weather Service Office, Pittsburgh, PA

WILLIAM C. GLASSER, Chairman
State Emergency Communications Committee

MARK A. PATCHEN, Director
Technical Support Division
Ohio Emergency Management Agency /
Vice Chairman
State Emergency Communications Committee

Ohio Emergency Management Agency (EMA) (20)
All Upper Ohio Valley Operational Area County EMA Directors
All Upper Ohio Valley Operational Area County Sheriffs

All EAS Upper Ohio Valley Operational Area Radio and TV Stations
All Upper Ohio Valley Operational Area Cable TV Systems

Ohio SECC Chairman
Ohio SECC Cable Co-Chairman
Operational Area LECC Chairman
Operational Area LECC Vice Chairman
Federal Communications Commission (FCC)
National Weather Service - Pittsburgh, PA
Ohio Educational Telecommunications Network Commission (OET)
Ohio Cable Telecommunications Association (OCTA)
Ohio Association of Broadcasters (OAB)
West Virginia State Dept. of Emergency Services
West Virginia SECC
Brooke County, WV, Dept. of Emergency Services
Hancock County, WV, Dept. of Emergency Services
Marshall County, WV, Dept. of Emergency Services
Ohio County, WV, Dept. of Emergency Services
Tyler County, WV, Dept. of Emergency Services
Wetzel County, WV, Dept. of Emergency Services

Additional copies are available from:

Ohio Emergency Management Agency
2855 West Dublin Granville Road
Columbus, Ohio 43235-2206
(614) 889-7150

TABLE OF CONTENTS

I. PURPOSE

This document provides procedures agreed upon by the broadcast and cable industry which will permit designated federal, state and local government officials to issue emergency information, instructions and warnings to the general public of the Upper Ohio Valley Area by activating the Upper Ohio Valley Operational Area Emergency Alert System (EAS).

II. AUTHORITY

Title 47 USC 151, 154(i), (o), 303 (r), 524 (g) and 606. 47 CFR, Part 11, Federal Communications Commission (FCC) Rules and Regulations.

III. GENERAL INFORMATION

A. The Upper Ohio Valley EAS System will utilize digital message encoding/decoding equipment which complies with the standards in the FCC rules, Part 11, and is certified by the Commission.

B. This plan was prepared by members of the Upper Ohio Valley Emergency Alert System (EAS) Emergency Communications Committee (ECC) in cooperation with the State of Ohio Emergency Management Agency (EMA), the National Weather Service (NWS) and County Emergency Management Agencies. The plan provides background data and prescribes specific procedures for the broadcast and cable television media to disseminate emergency information and warnings to the general public throughout the State of Ohio, at the request of designated federal, state and local government officials, known as *Notifiers*. The Upper Ohio Valley EAS Plan may be activated on a day-to-day basis in response to such emergencies as; tornadoes, severe storms, flash floods, widespread fires, discharge of toxic chemicals or gases, nuclear incidents, widespread power failures, industrial explosions, civil disturbances, child abductions or any other occurrence which poses an immediate threat to health, life, safety or property.

C. The plan provides for access to the EAS by designated officials (notifiers) working in conjunction with the Local Primary (LP) stations. They are: WEGW-FM, Wheeling, WV (LP-1) and WBNV-FM, Barnesville, OH (LP-2). The Upper Ohio Valley EAS Operational Area consists of the following six (6) counties: Belmont, Guernsey, Harrison, Jefferson, Monroe and Noble.

D. Acceptance of or participation in this plan shall not be deemed to prohibit a broadcast licensee or cable TV operator from exercising independent discretion and responsibility in any given situation. Stations originating EAS emergency communications shall be deemed to have conferred rebroadcast authority.

E. This plan shall be considered an appendix to, and part of, the Ohio State EAS Plan.

F. EAS Designations: The FCC has provided for EAS Station Designations which reflect the EAS status of every broadcaster and cable operator. Below is a listing of these designations. Consult the State of Ohio EAS Plan, the "FCC Mapbook" or Attachment II of this plan to determine your EAS designation.

NP (National Primary) = Sole source of national EAS alerts. In Ohio, WTAM and WLW are NP stations. These stations will feed national level alerts to the State Primary stations.

SP (State Primary) = The entry point for statewide Ohio EAS announcements. WNCI, Columbus serves as the state primary station. The alternate state primary station is WLVQ.

SR (State Relay) = In Ohio, several Public Broadcasting TV and radio stations serve in this capacity to deliver statewide emergency announcements to other LP stations in the state. The Ohio ETV network distributes WNCI audio to these stations via their fiber optic system.

LP-1 and LP-2 (Local Primary) = EAS entry point stations for activating the EAS in each operational area. There will be at least two in each area. The LP-1 is the primary Local Primary

station. The LP-2 is the alternate Local Primary station. Local Primary 1 and 2 stations are to be monitored by all participating stations in the area.

LP-3 (Local Primary 3) = In Ohio, several stations serve as relay stations to deliver station emergency announcements to LP-1 and LP-2 stations throughout the state. LP-3 stations also serve as monitoring points for stations that cannot pickup a signal from an LP-1 or LP-2.

PN (Participating National) = Most broadcasters and cable operators are designated as PN. They monitor the area LP stations and deliver EAS alerts directly to the general public.

NN (Non-participating National) = Broadcasters who hold an "NN Authorization" from the FCC are required to sign off during a national EAS activation. There are very few of these in Ohio.

IV. OHIO EAS CONFIGURATION

The Ohio EAS is a fully automated system allowing notifiers through dedicated encoders to selectively provide Ohio citizens with timely emergency information and warnings.

This Operational Area Plan outlines general guidelines for EAS configuration, activation and use. Notifiers must have EAS encoder equipment to activate the EAS. Notifiers without EAS equipment must activate the EAS through a notifier with the proper EAS encoder. LP stations serve as the primary contact point for EAS entry and therefore, carry an extra EAS responsibility. With this in mind, a key criterion for the selection of Ohio State Primary (SP) and Local Primary (LP) stations was their ability to provide 24-hour staffing.

The process of selecting monitoring assignments in the Ohio EAS structure was based on station coverage areas with an emphasis on the ability to span state, local area and county boundaries. This focus provides Ohio with an approach for disseminating EAS messages over all stations with broadcast coverage serving an impacted area regardless of the physical location of the transmitter or cable head-end equipment. To achieve this capability, cross monitoring and

multiple Local Primary (LP) monitoring assignments are required. While this monitoring scheme creates some additional burden on LP stations in hardware procurement and configuration, the benefits of specific and thorough coverage far outweighs these burdens.

The ability to fully utilize the automated technology of the EAS to assure 24-hour system reliability and selective signaling was key to the setting of our Ohio EAS goal. Throughout the life of the Ohio EAS, emphasis will be placed on configuring a fully automated but interruptible system. Emphasis will be placed on notifiers having EAS encoders and on the reliable interface of the National Weather Service's Specific Area Message Encoder (SAME) into the Ohio EAS structure. Ohio EAS monitoring assignments *specify* the monitoring of the Local Area LP-1 and LP-2 stations by all broadcasters and cable operators and *strongly recommend* the monitoring of the NOAA weather radio station issuing weather warnings for counties within their coverage area. Monitor assignments for LP-3 stations are granted when difficulties are encountered in receiving any LP-1 or LP-2 station.

V. ORIGINATING STATIONS

A. The originating station for the Upper Ohio Valley Operational Area is WEGW (FM), Wheeling, West Virginia (107.5 MHz), designated the Local Primary (LP-1). EAS emergency numbers for direct interface to WEGW EAS equipment and as a means to contact WEGW personnel have been given to notifiers.

B. The Upper Ohio Valley Local Area *alternate* originating station is WBNV-FM, Barnesville, OH (93.5 MHz), designated the alternate Local Primary (LP-2) station. If WEGW cannot be contacted, WBNV should be notified and requested to activate the Upper Ohio Valley Operational Area EAS. EAS emergency numbers for direct access to WBNV EAS equipment and personnel have been provided to notifiers.

VI. EAS MESSAGE PROTOCOL

A. The EAS system uses a four part message structure for emergency activation. The four parts are: (1) *The preamble and EAS header codes*; (2) *The audio attention signal*; (3) *The EAS message audio text* and (4) *The preamble and end-of-message code*. The description of the protocol that follows is provided for informational purposes only. The actual generation of EAS messages is accomplished through the use of EAS encoder/decoder equipment. EAS encoder/decoder equipment software generates the header and end-of- message codes using plain English entries, through menu prompts. The equipment user interface works much like a bank ATM machine. The FCC protocol is as follows:

(1) The Preamble and EAS Header

The preamble and EAS header code contains specific information related to the origination, handling and routing of the EAS message. The code is transmitted by an EAS encoder three times with a one second pause between transmissions.

The originator code part of the header is pre-set once by the user. The code is then sent automatically by the encoder as part of each message activation. The following originator codes will be used as part of the Ohio EAS:

ORIGINATOR	CODE
Broadcast station or cable system	EAS
Civil authorities	CIV
Emergency Action Notification network	EAN (National use only)
National Weather Service	WXR
Primary Entry Point system	PEP (National use only)

Within the EAS header is an eight character identification or location code. This eight character ID identifies the broadcaster, cable operator, NWS office or civil

authority sending or relaying the message. After initial programming, the EAS encoder will automatically affix this code to all outgoing EAS messages. The location identifier codes in Ohio will follow the convention shown in the examples given below:

WHBCAMFM - Broadcast station combo

WNCI(FM) - Single broadcast station

WLW/(AM) - Single broadcast station

NWS/KCLE - NWS, NOAA weather radio

STARCOEM - County Emerg. Management. (Example, Stark County)

STARCOSO - County Sheriff. (Example, Stark County)

OHIOSTEM - State EOC/Emergency Management Agency

LOROHADE – Lorain Adelphia Cable Company

Location Identifier codes for county notifier encoders can be found in Attachment IV to this plan. Location Identifier codes for cable systems will consist of the first three letters of the city of the cable head end, followed by the OH for Ohio, followed by a three letter designator for the company name.

Cable company name designators are as follows:

Adelphia Cable Communications	ADE
Americable USA	AMU
Ameritech New Media	AME
Armstrong Cable Services	ARM
ATT Broadband	ATT
B. R. Cablevision, Inc.	BRC
Buckeye Cablevision	BUC
Cable Co-op	CAC
Cable One	CAO
Cablevision Communications (Woodsfield)	CCM
Century Ohio Cable Television	CEN
Charter Communications	CHA
Classic Cable	CLA
Clear Picture, Inc.	CLE

Comcast Cablevision	COM	
Cox Communications	COX	
East Cleveland Cable	ECC	
Erie County Cablevision	ERI	
Fremont Cablevision	FRC	
FrontierVision Operating Partners	FRO	
Grafton Cable Communications	GRA	
Insight Communications, Inc.	INS	
Jefferson County Cable	JEF	
Kalida Telephone Company	KAI	
KAS Cable TV, Inc.	KAS	
Lowell Community Cable TV		LOW
Massillon Cable TV, Inc.	MAS	
MediaOne, Inc.	MED	
Nelsenville Cable TV	NEL	
NK Telco	NKT	
Orwell Cable Television Company	ORW	
OTEC Communications Company	OTE	
Richards Cable TV Co., Inc.	RIC	
Riley Video Services	RIL	
Telephone Service Company	TSC	
Time Warner Cable	TWC	
Watch TV	WAT	
Wellington Cable Communications	WCA	
Wide Open West	WID	

(2) Audio Attention Signal

The audio attention signal is a two-tone signal transmitted after the EAS header code. This signal is 8 seconds in duration and serves to alert listeners to an upcoming emergency broadcast.

(3) EAS Message Text

The EAS message text is the actual text of the emergency message to be transmitted. All Upper Ohio Valley Local Area EAS messages will begin with the statement: **"WE INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT SYSTEM"** and end with the statement: **"THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM MESSAGE."** This audio message, including open, close and body

must be limited to two minutes in order to fit within the recording space provided in the EAS Decoders.

(4) End of Message Code

The end-of-message code is transmitted by the encoder three times with one second pauses between transmissions. Its purpose is to return automated broadcast programming equipment to normal programming after an EAS interruption.

B. The EAS Protocol described above is taken from the FCC Rules, Part 11, and shall be used exclusively by the Ohio EAS System. Each participating station, subject cable system and notifier in the state shall program their EAS Decoder/Encoder to facilitate the proper functioning of the system as described in this Operational Area Plan.

C. Ohio EAS Event Codes:

Whether used under the authority of the Ohio State EAS Plan, or any of the 12 Local Operational Area EAS Plans, the following are the *only* EAS Event Codes to be used in Ohio by anyone for any purpose. No codes can be added without SECC/FCC approval. This list will be maintained as a "Master List" for all event codes used in the State of Ohio.

Warning Codes – These are codes critical to the rapid dissemination of emergency information. This entire list must be programmed into your EAS Encoder/Decoder.

Emergency Action Notification	EAN
Emergency Action Termination	EAT
Required Monthly Test	RMT
Required Weekly Test	RWT
Child Abduction Emergency	CAE
Civil Danger Warning	CDW
Civil Emergency Message	CEM
Earthquake Warning	EQW
Evacuation Immediate	EVI
Fire Warning	FRW
Flash Flood Warning	FFW
Hazardous Materials Warning	HMW
Law Enforcement Warning	LEW
9-1-1 Telephone Outage Emergency	TOE
Nuclear Power Plant Warning	NUW
Radiological Hazard Warning	RHW
Shelter In Place Warning	SPW
Tornado Warning	TOR

Optional Codes – These codes are authorized for use by station on an as needed or optional basis. The programming of these codes into station EAS equipment is at the discretion of each EAS station.

National Information Center	NIC
National Periodic Test	NPT
Blizzard Warning	BZW
Flash Flood Watch	FFA
Flash Flood Statement	FFS
Flood Warning	FLW
Flood Watch	FLA
Flood Statement	FLS
High Wind Warning	HWW
High Wind Watch	HWA
Network Message Notification	NMN
Practice/Demo Warning	DMO
Severe Thunderstorm Warning	SVR
Severe Thunderstorm Watch	SVA
Severe Weather Statement	SVS
Special Marine Warning	SMW
Special Weather Statement	SPS
Tornado Watch	TOA
Winter Storm Warning	WSW
Winter Storm Watch	WSA

VII. MONITORING ASSIGNMENTS

A. As indicated in Paragraph V, WEGW is the Upper Ohio Valley Operational Area Primary station and will be the *originator* for Upper Ohio Valley Operational Area EAS messages. WBNV, the alternate Local Primary station will serve as the *alternate originator* for the Upper Ohio Valley Operational Area EAS and will monitor WEGW. All Upper Ohio Valley Operational Area stations and cable systems shall monitor WEGW and WBNV. In addition to these LP stations, all participating stations and cable systems are strongly encouraged to monitor the appropriate National Oceanic and Atmospheric Administration (NOAA) weather radio station serving their area. A list of these stations is outlined in Attachment V.

B. The specific monitoring assignment for each of the Upper Ohio Valley Operational Area participating stations are detailed in the Attachment I and III of this plan. If monitoring difficulties are experienced, the local area chairman should be consulted in resolving the problem. The local area chairman will coordinate any waiver necessary with the SECC chairman and the FCC. A letter will be sent by the SECC or vice SECC to the requesting station outlining the monitoring assignment change.

VIII. RESPONSIBILITIES OF PARTICIPATING STATIONS

A. Stations serving the Ohio EAS System are the key to the effective dissemination of emergency information to the public.

B. Local Primary (LP) stations serving the Ohio EAS are chosen on the basis of signal coverage and their ability and willingness to serve in this important key capacity. LP stations are normally required to operate 24-hours/day and if possible, be attended operations.

C. In accepting this plan, all LP stations agree to transmit any EAS messages requested by official EAS notifiers identified in this Operational Area Plan. Additionally, LP stations agree to

re-transmit any received message carrying any of the warning event codes specified in Paragraph VI, C., which are originated in their adjoining local areas. This will ensure message dissemination through all broadcast and cable media, which may have listeners, viewers or subscribers in the area affected by the emergency. This will require effort to attention to detail in EAS decoder programming, station operational planning and staff training. LP station engineers or other responsible personnel should consult with their operational area chairman, adjoining area chairman and state chairman in coordinating this important function.

D. All stations should re-transmit as a minimum any emergency message carrying the warning event codes listed in Paragraph VI, C., which are originated in the Upper Ohio Valley Ohio Operational Area. This will ensure message dissemination through all broadcast and cable media, which may have listeners, viewers or subscribers in the area affected by the emergency. This will require effort and attention to detail in EAS decoder programming, and station operational planning and staff training. Station engineers or other responsible personnel should be sure that their station procedures and encoder/decoder programming adhere to this plan. Your operational area chairman, adjoining area chairmen and the state chairman will assist you if questions arise regarding the implementation of this plan.

E. Stations and cable systems must program their EAS decoders to accept emergency messages carrying location codes for all counties which are covered, in whole or in part, by their secondary coverage contour or cable system. Attachment III of this plan provides a listing of counties that should be programmed for your station. Additional counties may apply to LP stations.

IX. NOTIFICATION PROCEDURES

A. Notifiers: The Emergency Management Agency (EMA) Director and the County Sheriff of each of the six (6) counties in the Upper Ohio Valley Operational Area are designated officials authorized to request activation of the EAS and are known as notifiers. Other local officials must request EAS activation through the authorized notifiers.

B. EAS activation is accomplished by notifier-owned EAS encoder equipment at Sheriff offices or county Emergency Operations Centers (EOC). Each notifier has been given contact telephone numbers for accessing the automated EAS equipment at the LP-1 and LP-2 stations. Station staff assistance numbers have also been provided. Notifiers are listed in Attachment IV of this plan.

C. Requests for Activation: Requests for activation of the Upper Ohio Valley Operational Area EAS will be made by contacting WEGW, the Local Primary (LP) station control room. If WEGW cannot be contacted, WBNV, the alternate LP, shall be contacted. EAS telephone numbers have been provided to all notifiers. Emergency communications from designated notifiers will be handled immediately. Notifiers should have all information to be broadcast loaded in their EAS encoder and ready to send prior to connecting to station EAS equipment. EAS messages should contain the type of emergency, area affected and action that should be taken. Messages must be less than two minutes in length.

D. Authentication: All Upper Ohio Valley Operational Area EAS messages will be formatted to begin and end with the following statements:

"WE INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT SYSTEM." (text of emergency announcement) **"THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM MESSAGE."**

E. Severe Weather Warnings: The National Weather Service (NWS) will serve as the primary notifier for severe weather warnings and subsequent weather information. Detailed activation procedures have been agreed upon by the NWS, WEGW and the LP stations. The primary means of NWS activation of the Ohio EAS will be over NOAA Weather Radio Specific Area Message Encoder (NWR-SAME) through station monitoring of the NOAA weather radio system. The NWS will verify that the transmission of all weather warnings sent over the NOAA weather radio system occurred. No verification of EAS activation will be made by the NWS unless a specific agreement exists between the LP station and the NWS to contact stations directly by telephone for EAS activation in severe weather situations.

X. BROADCASTERS' PROCEDURE

A. Upon receipt of a pre-formatted EAS alert from an authorized notifier, the LP-1 or LP-2 station shall re-transmit that alert immediately.

B. All broadcast stations and cable systems in the Upper Ohio Valley Operational Area monitoring the key LP stations will be alerted by their EAS decoders based on the event and location codes contained in the EAS digital header. Upon receipt of a valid EAS message each station or cable system should re-transmit the message within 15 minutes of receipt.

C. To avoid unnecessary escalation of public confusion, all broadcast stations must be cautious in providing information and news pertaining to the emergency. All messages must be based on definite and confirmed facts. This can best be assured by using the notifier's or originating station's own audio as transmitted through the EAS decoder/encoder equipment. Discussion of unconfirmed facts can lead to public confusion and heightened anxiety.

D. Upon completion of the EAS transmission, appropriate notations must be entered into the station log.

XI. LEGAL MATTERS

A. As a reminder to broadcasters and cable systems, the following legal points are made regarding emergency alert operations. (For complete information, consult FCC Rules and Regulations, Part 11)

B. While the broadcast of EAS messages is encouraged, use of Ohio EAS material is solely up to the discretion of individual station or cable system management. Although the activation of the EAS is discretional at the state and local levels, *if it is activated*, all communications facilities within the affected area that are participating in the EAS at the state or local level are expected to take part in the activation and to follow the requirements of the FCC's rules, the EAS Operating Handbook, the State EAS Plan and this Operational Area Plan. (See FCC Rules, Part 11, Sections. 11.21, 11.41 and 11.55.)

C. All participating stations and cable systems have permission to rebroadcast Ohio EAS messages. Such rebroadcast permission begins with issuance of the EAS signaling and alert tones, and ends with the EAS end-of- message code. Stations and cable systems are encouraged to configure their EAS encoders for automatic relay of EAS messages. Unattended stations must operate EAS encoders in automatic mode.

D. In the event of an EAS activation stations with certain power, pattern and operating hour limitations may forego those limitations subject to FCC Rules and Regulations.

XII. STEPS STATIONS SHOULD TAKE TO PARTICIPATE IN THE UPPER OHIO VALLEY OPERATIONAL AREA EMERGENCY ALERT SYSTEM

A. The success of the Upper Ohio Valley Operational Area EAS will hinge entirely upon the operating staff and equipment configuration of each broadcast station and cable system at the time of a weather warning or other emergency which justifies activation of the Ohio EAS.

B. All stations and cable systems must have an EAS encoder/decoder installed with audio inputs from their LP-1, LP-2 or LP-3 monitoring assignments serving their operational area. In addition, input from the appropriate NWS weather radio station is strongly encouraged. A list of NOAA radio stations covering Ohio is provided in Attachment V

C. The following decoder/encoder programming must be accomplished in order to participate in the plan.

For Radio and TV Stations: As a minimum, decoders must be programmed to accept alerts using all of the warning event codes given in Paragraph VI, C. As a minimum, decoders must be programmed to accept alerts containing county location codes for all counties covered in whole or in part by the station. The EAS station specification sheets, Attachment III to this plan, should be used as a guide. Stations must transmit all received alerts in accordance with FCC Rules in Paragraph 11.51 (g) and 11.51 (h).

For Cable System Head Ends: Decoders must be programmed to accept alerts for all warning event codes given in Paragraph VI, C. As a minimum, decoders must be programmed to accept alerts containing county location codes for all counties covered, in whole or in part, by the system. Cable systems must transmit all alerts in accordance with FCC Rules, Paragraph 11.51 (g) and 11.51 (h).

All Stations and Cable Systems: EAS equipment should be configured to notify station personnel of any EAS activation. LP stations must program their decoders for additional location codes as prescribed in this and the State EAS plan. Unless a facility is attended 24-hours/day by operators trained in EAS operation, encoder/decoder equipment should be configured to automatically rebroadcast properly addressed EAS messages.

NOTE: *(The SECC recognizes the problems encountered in large cable systems, where selective delivery to specific areas may not be possible, resulting in alerts being received by subscribers, which may not be affected by the alert. However, the SECC expects that all alerts be sent. The information contained in the alert itself is sufficient to allow subscribers to determine if the alert applies to them.)*

D. Placement of the EAS equipment is critical. It must be placed where regular station personnel can hear it and observe the message printer on the decoder, should it activate at any time.

E. Each station is unique in the role that it plays in the EAS system. Questions related to this plan or on the specific details and requirements for fulfilling the needs of your specific area should be addressed to the Upper Ohio Valley Operational Area EAS chairman or vice chairman.

F. Stations and cable systems should, based on this plan, devise their own Standard Operating Procedures (SOP). Station personnel should post those procedures at the EAS equipment for quick reference. A copy of this plan alone cannot possibly be considered adequate for operating personnel to use as a guide at the time of activation, nor can operating personnel be expected to remember what to do after studying this plan. This plan must be applied to each facility. Therefore a clear, concise step-by-step operating procedure, readily available, for your operating personnel to use at the time of an emergency, is absolutely necessary if the EAS is to be successful.

G. The state EAS has both audio and video capabilities. Television stations and cable TV systems participating in the Ohio EAS should have systems configured at all times to air the EAS message crawler as well as audio during EAS messages. All participating stations and cable systems are encouraged to purchase EAS equipment with multiple monitoring capabilities.

This should include as a minimum the ability to monitor two assigned over-the-air LP broadcast stations plus a NOAA weather radio station. For LP-1 and LP-2 stations, equipment should also allow for the telephone interface of notifiers' encoders or the interface of existing remote pickup unit equipment, if appropriate. Local Primary stations should pay particular attention to their multiple monitoring responsibilities when selecting EAS equipment.

H. All participating stations and cable systems should assign a permanent input on their master control console to receive program audio from the LP station sources as shown on the station monitoring chart on Pages 23 - 25, Attachment III.

XIII. TEST PROCEDURES

A. EAS weekly tests of the EAS header and end-of-message codes must be conducted by all stations and cable systems in accordance with FCC Rules. This is known as the Required Weekly Test (RWT).

B. Upper Ohio Valley Operational Area monthly tests will originate from the Upper Ohio Valley Local Primary (LP) station or from county Emergency Operations Centers on the following schedule. Tests will be conducted in accordance with the FCC Rules and Regulations. Tests must be re-transmitted within 60 minutes of receipt by all participating EAS stations. Tests originating from County Emergency Operations Centers will be initiated by the county Emergency Management Agency on a rotational basis.

MONTH	TIME FRAME	STATION	ORIGINATING SOURCE
January	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC
February	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff
March	Daytime / Statewide Tornado Test	SP	State EOC/JDF Staff
April	Nighttime / Local Sunset to 8:30 AM	LP-1	Station Staff
May	Daytime / 8:30 AM to Local Sunset	LP-2	County EOC
June	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff
July	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC
August	Nighttime / Local Sunset to 8:30 AM	LP-1	Station Staff
September	Daytime / 8:30 AM to Local Sunset	LP-2	County EOC
October	Nighttime / Local Sunset to 8:30 AM	SP	State EOC/JDF Staff
November	Daytime / 8:30 AM to Local Sunset	LP-1	County EOC
December	Nighttime / Local Sunset to 8:30 AM	LP-2	Station Staff

C. Local closed-circuit tests will be scheduled by the LP-1 and LP-2 station with notifiers. The event code DMO will be used for these tests.

D. Statewide EAS tests will be conducted twice each year and will count as the required monthly test for the month in which it runs. One of these tests will take place as part of the Ohio "Severe Weather Awareness Week" activities, held in March of each year. This test will be conducted on Wednesday in March at 9:50 A.M. A second statewide EAS test will be conducted in October at 4:50 A.M. Statewide EAS tests will be originated by the Ohio EMA from the State Emergency Operations Center/Joint Dispatch Facility (EOC/JDF).

E. The following script will be used for operational area or statewide tests:

"THIS IS A (STATEWIDE/OPERATIONAL AREA) TEST OF THE (OHIO/UPPER OHIO VALLEY AREA) EMERGENCY ALERT SYSTEM, ORIGINATING FROM THE [STATE/COUNTY EMERGENCY OPERATIONS CENTER/STUDIOS OF THE (LP-1/LP-2) STATION] IN (COLUMBUS/COUNTY). THIS IS ONLY A TEST. THE OHIO EMERGENCY ALERT SYSTEM HAS BEEN DESIGNED TO PROVIDE THE PUBLIC WITH TIMELY WARNINGS AND EMERGENCY INFORMATION. HAD THIS BEEN AN ACTUAL EMERGENCY, YOU WOULD HAVE RECEIVED

INSTRUCTIONS AND INFORMATION RELATED TO THAT EMERGENCY OVER THIS AND OTHER STATIONS IN YOUR AREA. THIS CONCLUDES THIS TEST OF THE (OHIO/UPPER OHIO VALLEY OPERATIONAL AREA) EMERGENCY ALERT SYSTEM."

XIV. OHIO EAS EMERGENCY COMMUNICATIONS COMMITTEE (ECC)

A. The State Emergency Communications Committee (SECC) Chairman, Vice Chairman and cable Co-Chairman are appointed by the Federal Communications Commission (FCC). SECC members include a state Chairman, a state Vice Chairman, a cable Co-Chairman, the Chairman and Vice Chairman of the 12 Ohio Operational Areas and other voluntary members appointed by the SECC Chairman.

B. Operational Area ECC members include a Chairman and Vice Chairman appointed by the State Emergency Communications Committee Chairman and other volunteer members appointed by the Operational Area ECC Chairman. The Operational Area ECCs are sub-committees of the SECC and all Operational Area ECC Chairmen and Vice Chairmen are members of the SECC.

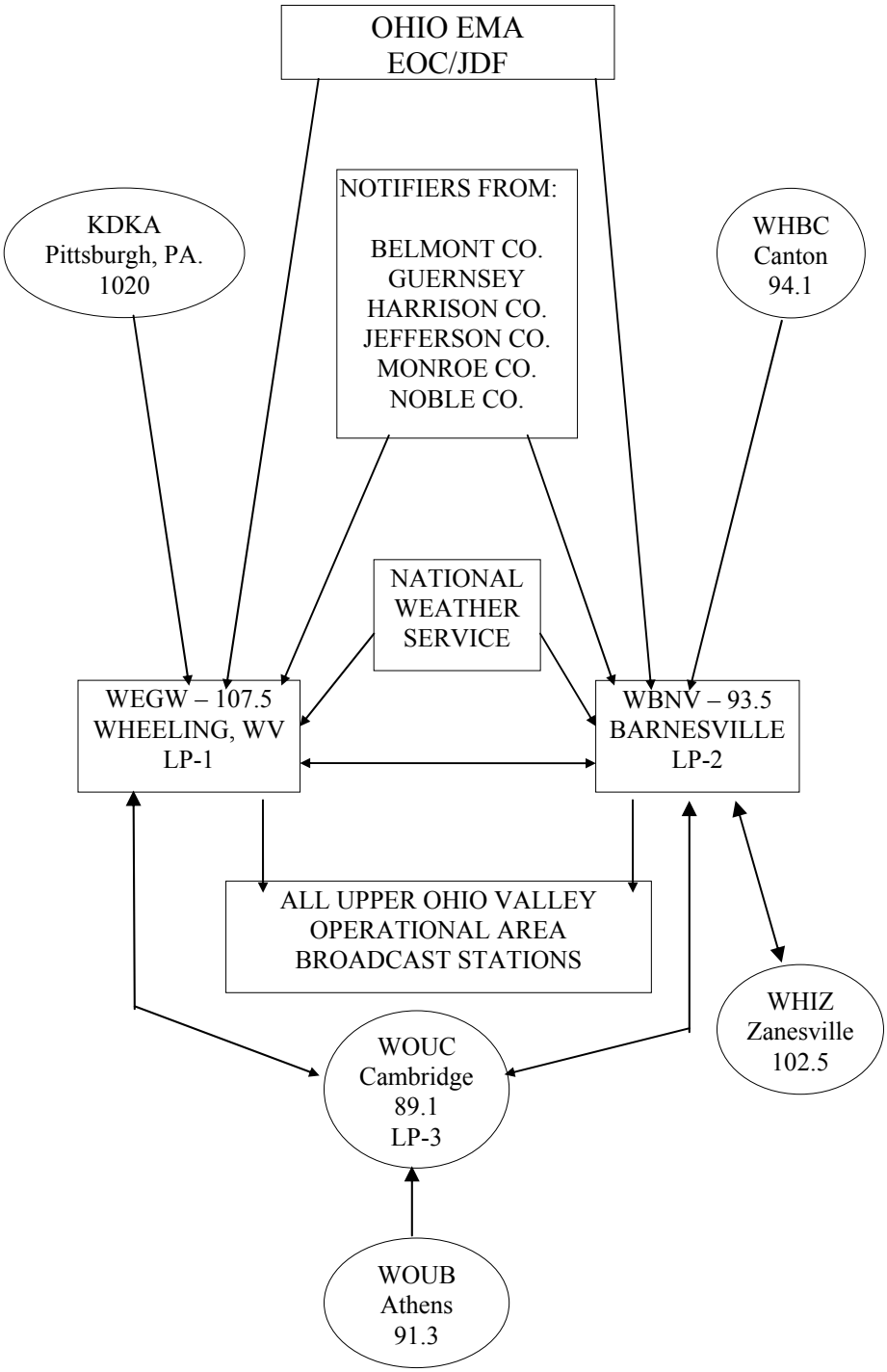
C. Your ECC Chairman and Vice Chairman welcome your questions and comments concerning this plan. The Upper Ohio Valley and State ECC Chairman and Vice Chairman are listed in Attachment VI.

XV. ACRONYMS

EAS	Emergency Alert System
EMA	Emergency Management Agency
EOC	Emergency Operations Center
FCC	Federal Communications Commission
LP-1	Local Primary Station
LP-2	Local Primary Station, alternate
LP-3	Local Primary Station, alternate, relay
LECC	Local Emergency Communications Committee
NOAA	National Oceanic and Atmospheric Administration
NWS	National Weather Service
RPU	Remote Pickup Unit
SAME	Specific Area Message Encoder
SECC	State Emergency Communications Committee
EOC/JDF	Emergency Operations Center/Joint Dispatch Facility

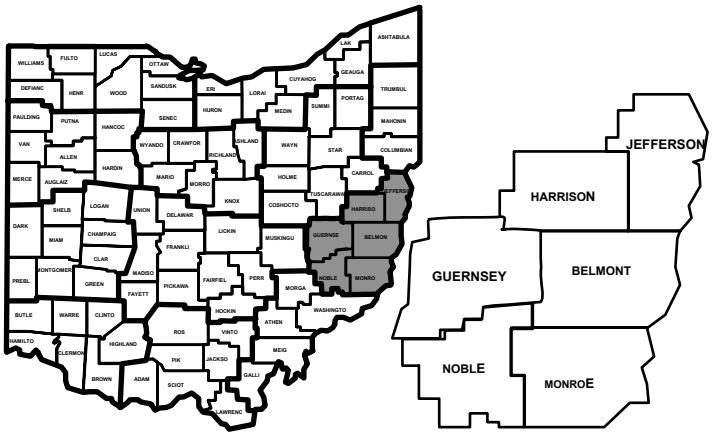
ATTACHMENT I

UPPER OHIO VALLEY OPERATIONAL AREA
COMMUNICATIONS AND EAS MONITORING CHART



RADIO AND TV STATIONS IN THE
UPPER OHIO VALLEY OPERATIONAL AREA

Attachment II



STATION	FREQUENCY	EAS DESIGNATION
	AM	
WDIG Steubenville	950	Participating
WOMP Bellaire	1290	Participating
WSTV Steubenville	1340	Participating
WILE Cambridge	1270	Participating
	FM	
WWKC Caldwell	104.9	Participating
WOMP Bellaire	100.5	Participating
WCDK Cadiz	106.3	Participating
WBNV Barnesville	**93.5**	**Local Primary-2**
WEEL Shadyside	95.7	Participating
WOVK Wheeling, WV	98.7	Participating
WEGW Wheeling, WV	**107.5**	**Local Primary-1**
WBJV Steubenville	88.9	Participating
WOUC Cambridge	**89.1**	**Local Primary-3**
WILE Barnesville	97.7	Participating
WCMJ Cambridge	96.7	Participating
WBIK Pleasant City	92.1	Participating
	TV	
WTOV Steubenville	CH 9	Participating
WOUC Cambridge	CH 44	Participating
	Cable TV	
Adelphia Cable Communications		Participating
AT&T Broadband		Participating
Cable One		Participating
Cablevision Communications		Participating
Classic Cable		Participating
Jefferson County Cable		Participating
Richards Cable TV Company, Inc.		Participating
Time Warner Communications		Participating

PARTICIPATING STATION SPECIFICATION												
UPPER OHIO VALLEY AREA												
FM STATIONS												
Monitoring Assignments	WEGW-WBNV	WEGW-WBNV	WEGW-WBNV	WEGW-WBNV	SEE ATT. I	WEGW-WBNV	WEGW-WBNV	SEE ATT. I	SEE ATT. I	WEGW-WBNV	WEGW-WBNV	WEGW-WBNV
PN Stations	WWKC	WOMP	WBJV	WCDK	WBNV	WEEL	WOVK	WEGW	WOUC	WILE	WCMJ	WBIK
COUNTIES												
BELMONT		X		X	X	X	X	X	X			
CARROLL		X		X		X	X	X				
COLUMBIANA		X		X			X	X				
COSHOCTON										X	X	
GUERNSEY	X	X			X	X	X	X	X	X	X	X
HARRISON		X		X	X	X	X	X	X			
JEFFERSON		X	X	X		X	X	X				
MAHONING												
MONROE	X	X			X	X	X	X	X			
MORGAN	X	X					X	X		X	X	
MUSKINGUM	X	X					X	X		X	X	X
NOBLE	X	X			X		X	X	X	X	X	X
STARK												
TUSCARAWAS		X					X	X	X	X	X	
WASHINGTON	X	X			X		X	X				

PARTICIPATING STATION SPECIFICATIONS													
UPPER OHIO VALLEY AREA													
AM STATIONS													
Monitoring Assignments	WEGW-WBNV	WEGW-WBNV	WEGW-WBNV	WEGW-WBNV									
PN Stations	WDIG	WOMP	WSTV	WILE									
COUNTIES													
BELMONT		X											
COLUMBIANA	X												
COSHOCTON				X									
GUERNSEY				X									
HARRISON	X	X											
JEFFERSON	X	X	X										
MONROE		X											
MUSKINGUM				X									
NOBLE				X									
TUSCARAWAS				X									

PARTICIPATING STATION SPECIFICATIONS													
UPPER OHIO VALLEY AREA													
TV STATIONS													
Monitoring Assignments	WEGW-WBNV	WEGW-WBNV-WOUB											
PN Stations	WTOV	WOUC											
COUNTIES													
BELMONT	X	X											
CARROLL	X	X											
COLUMBIANA	X	X											
COSHOCTON	X	X											
GUERNSEY	X	X											
HARRISON	X	X											
HOLMES	X	X											
JEFFERSON	X	X											
MAHONING	X												
MONROE	X	X											
MORGAN		X											
MUSKINGUM		X											
NOBLE	X	X											
PORTAGE	X												
STARK	X	X											
SUMMIT	X												
TRUMBULL	X												
TUSCARAWAS	X	X											
WASHINGTON	X	X											
WAYNE		X											

ATTACHMENT IV

BELMONT COUNTY	**"L" CODE**
Richard G. Quinlin, Director 68329 Fox Shannon Place Bannock Road, State Route #331 St. Clairsville, Ohio 43950 (614) 695-5984	BELMCOEM
Thomas C. McCort, Sheriff 68137 Hammon Rd., Shannon Place St. Clairsville, Ohio 43950 (614) 695-7833	BELMCOSO
GUERNSEY COUNTY	
Ermal Shimp, Director 1112 Wheeling Avenue Cambridge, Ohio 43725 (740) 432-9292	GUERCOEM
Michael R. McCauley, Sheriff 601 Southgate Parkway Cambridge, Ohio 43725 (740) 439-4455	GUERCOSO
HARRISON COUNTY	
Lorna C. Bower, Director 538 North Main Street, Suite F Cadiz, Ohio 43907 (614) 942-3922	HARRCOEM
Mark Miller, Sheriff 114 Court Street Cadiz, Ohio 43907 (614) 942-2197	HARRCOSO
JEFFERSON COUNTY	
Mary Petrozzi, Director 423 North Street Steubenville, Ohio 43952 (614) 283-8542	JEFFCOEM
	ATTACHMENT IV
Fred J. Abdalla, Sheriff	JEFFCOSO

117 North Third Street
Steubenville, Ohio 43952
(614) 283-8600

MONROE COUNTY	**"L" CODE**
Richard J. Schuerman, Jr., Director 216 Oaklawn Avenue Woodsfield, Ohio 43793 (614) 472-2144	MONRCOEM
Fred Sirianni, Sheriff 108 West Court Woodsfield, Ohio 43793 (740) 472-1612	MONRCOSO

NOBLE COUNTY

Chasity Schmelzenbach, Director 45835 CO. RD. 14a Caldwell, Ohio 43724 (740) 732-7387	NOBLCOEM
Landon T. Smith, Sheriff 419 West Street Caldwell, Ohio 43724 (740) 732-4158	NOBLCOSO

Mark A. Patchen, Director Technical Support Division Ohio Emergency Management Agency 2855 West Dublin Granville Road Columbus, Ohio 43235-2206 (614) 889-7150	OHIOSTEM
Theresa Rossi, M-I-C National Weather Service Office 192 Shafer Road Coraopolis, Pennsylvania 15108 (412) 262-1882	KPBZ/NWS

ATTACHMENT V
NOAA WEATHER RADIO STATIONS SERVING OHIO COUNTIES

The following is a listing of all NOAA weather radio station outlets serving Ohio points along with the counties for which SAME encoded warnings will be carried. Warnings for some counties are carried on more than one station:

City, Call Sign, Radar Site, Frequency

Akron, KDO-94, CLE, 162.40, Counties: Ashland, Carroll, Columbiana, Harrison, Holmes, Jefferson, Mahoning, Medina, Portage, Summit, Trumbull, Tuscarawas, Wayne, Stark

Angola, IN, KXI-94, IWX, 162.425, Counties: Defiance, Fulton, Williams

Ashland, KY, KIH-39, RLX, 162.55, Counties: Lawrence, Scioto, Gallia

Athens, KZZ-46, RLX, 162.425, Counties: Athens, Gallia, Hocking, Jackson, Meigs, Morgan, Perry, Vinton, Washington

Bridgeport, WWF-35, PBZ, 162.525, Counties: Belmont, Carroll, Columbiana, Coshocton, Guernsey, Harrison, Jefferson, Monroe, Morgan, Muskingum, Noble, Perry, Tuscarawas, Washington

Cambridge, (High Hill) WXJ-47, PBZ, 162.475, Counties: Belmont, Carroll, Coshocton, Guernsey, Harrison, Jefferson, Licking, Monroe, Morgan, Muskingum, Noble, Perry, Tuscarawas, Washington

Carey-KZZ47, CLE, 162.525, Counties: Crawford, Hancock, Hardin, Marion, Seneca, Wyandot

Castalia, KHB-97, CLE, 162.40, Counties: Ashland, Crawford, Erie, Hancock, Huron, Lorain, Ottawa, Richland, Sandusky, Seneca, Wood, Wyandot

Chesterland, KHB-59, CLE, 162.55, Counties: Ashtabula, Cuyahoga, Erie, Geauga, Huron, Lake, Lorain, Medina, Portage, Summit

Columbus, KIG-86, ILN, 162.55, Counties: Athens, Champaign, Clark, Delaware, Fairfield, Fayette, Franklin, Greene, Hocking, Knox, Licking, Madison, Marion, Morgan, Morrow, Muskingum, Perry, Pickaway, Pike, Ross, Union, Vinton

Covington, KY, KIH-42, RLX, 162.55, Counties: Butler, Warren, Clermont, Brown, Clinton, Hamilton, Highland

Erie, PA, KEC-58, CLE, 162.40, Counties: Ashtabula

Ft. Wayne, IN, WXJ-58, IWX, 162.55, Counties: Defiance, Paulding, Van Wert

Holland, WXL-51, CLE, 162.55, Counties: Fulton, Hancock, Henry, Lucas, Ottawa, Sandusky, Seneca, Wood
Warnings for Defiance and Williams Counties will be aired for the purpose of relay to the EAS.

Lima, WXJ-93, ILN, 162.40, Counties: Allen, Auglaize, Hancock, Hardin, Logan, Mercer, Paulding, Putnam, Shelby, Van Wert, Wyandot

Mansfield: WWG-57, CLE, 162.450, Counties: Ashland, Crawford, Holmes, Knox, Licking, Marion, Morrow, Richland, Wayne, Wyandot

Mayesville, KY, KZZ-49, ILN, 162.425, Counties: Adams, Brown

Meadville, PA, KZZ-32, CLE, 162-475, Counties: Ashtabula, Trumbull

Miamisburg, WXJ-46, ILN, 162.475, Counties: Butler, Champaign, Clark, Clinton, Darke, Greene, Logan, Miami, Montgomery, Preble, Shelby, Warren

Otway, WXM-69, ILN, 162.525, Counties: Adams, Brown, Highland, Pike, Ross, Scioto, Vinton

Pittsburgh, PA, KEH-35, PBZ, 162.55, Counties: Columbiana

Richmond, IN, KHB-52, 162.50, Counties: Butler Darke, Montgomery, Preble

Youngstown, WWG-56, CLE, 162.500, Counties: Carroll, Columbiana, Lawrence, Mahoning, Portage, Stark, Trumbull

UPPER OHIO VALLEY OPERATIONAL AREA EMERGENCY COMMUNICATIONS COMMITTEE (ECC)

Chairman	Vice Chairman
Mr. Jack Reese	Mr. Steve Fraunfelter, Chief Engineer
Radio Station WWVA	Radio Station WBNV
1015 Main Street	P.O. Box 338, 4988 Skyline Drive
Wheeling, West Virginia 26003	Cambridge, Ohio 43725
(304) 232-1170, ext. 757	(740) 432-5605
(304) 234-0067 (Fax)	(740) 432-1991 (Fax)
e-mail – jackreese@clearchannel.com	e-mail – steve@yourradioplace.com

STATE EMERGENCY COMMUNICATIONS COMMITTEE (SECC)

Chairman	Vice Chairman	Cable Representative
Mr. William C. Glasser	Mr. Mark A. Patchen	Ed Kozelek, Executive VP
Radio Station WHBC	Ohio Emergency Mgmt. Agcy.	OH Cable Telecom Association
P.O Box 9917	2855 W. Dublin Granville Rd.	50 W. Broad St., Suite 1118
Canton, Ohio 44711	Columbus, Ohio 43235-2206	Columbus, Ohio 43215
(330) 456-7166	(614) 889-7155	(614) 461-4014
(330) 456-7199 (Fax)	(614) 889-7183 (Fax)	(614) 461-9326 (Fax)
e-mail – bglasser@whbc.com	**e-mail – mpatchen@dps.state.oh.us**	**e-mail – None**

EAS RADIO AND TV STATIONS

ADDRESS AND TELEPHONE NUMBERS

WDIG-AM
4039 Sunset Boulevard
Steubenville, Ohio 43952-3511
(740) 264-1760
(740) 264-5035 (fax)

WOMP-AM & FM
56325 High Ridge Road
P.O. Box 448
Bellaire, Ohio 43906-0448
(740) 676-5661
(740) 676-2742 (fax)

WSTV-AM
320 Market Street
Steubenville, Ohio 43952-2195
(740) 283-4747
(740) 283-3655 (fax)

WILE-AM & FM
4988 Skyline Drive
P.O. Box 338
Cambridge, Ohio 43725-0338
(740) 432-5605
(740) 432-1991 (fax)

WCDK-FM
Priority Communications Ohio, LLC
51 West Long Beach Avenue
Du Bois, Pennsylvania 15801

WKKC/WBNV/WCMJ/WBIK-FM
4988 Skyline Drive
P.O. Box 338
Cambridge, Ohio 43725-0338
(740) 432-5605
(740) 432-1991 (fax)

WEEL/WOVK/WEGW-FM
1015 Main Street
Wheeling, West Virginia 26003
(304) 232-1170

WBJV-FM
American Family Association
P.O. Drawer 3206
107 Parkgate
Tupelo, Mississippi 38803
(662) 844-8888

WOUC-FM
Ohio University
9 South College Street
Athens, Ohio 45701
(740) 593-4848
(740) 593-9599 (fax)

WTOV-TV Channel 9
9 Red Dontly Plaza
P.O. Box 9999
Steubenville, Ohio 43952-6799
(740) 282-9999
(740) 282-0439 (fax)

WOUC-TV Channel 44
RTV Building
9 South College Street
Athens, Ohio 45701
(740) 593-4848
(740) 593-9599 (fax)

Adelphia Cable Communications
351 Highland Avenue
P.O. Box 1280
Cambridge, Ohio 43725
(740) 432-7321
(740) 432-5040 (fax)

AT&T Broadband
908 National Road
Brookside, Ohio 43912
(800) 532-3779
(740) 633-3558 (fax)

Cable One
535 East Turkeyfoot Lake Road
Akron, Ohio 44319
(330) 896-9088
(330) 896-0022 (fax)

Cablevision Communications
68 Fifth Street
P.O. Box 220
Buckhannon, West Virginia 26201
(304) 472-4193
(304) 472-0756 (fax)

Classic Cable
4720 Mahoning Avenue
P.O. Box 4898
Youngstown, Ohio 44515
(330) 792-9577
(330) 792-9541 (fax)

Jefferson County Cable
116 South Fourth Street
Toronto, Ohio 43964
(740) 537-2214
(740) 537-2802 (fax)

Richards Cable TV Company, Inc.
P.O. Drawer 2
Jerusalem, Ohio 43747
(740) 926-1742
(740) 926-1800 (fax)

Time Warner Communications
427 East State Street
Salem, Ohio 44460
(800) 821-7250
(330) 332-5391 (fax)

Time Warner Communications
737 Howard Street
Zanesville, Ohio 43701
(740) 455-9705
(740) 454-4859 (fax)

ATTACHMENT VII