

STATE OF OHIO

EMERGENCY ALERT SYSTEM PLAN

This plan supercedes all previously published State EBS Plans

January 1997

APPROVALS

This State of Ohio Emergency Alert System (EAS) Plan was developed and approved by the State of Ohio EAS Emergency Communications Committee and the National Weather Service (NWS) in cooperation with the Ohio Emergency Management Agency (EMA).

WILLIAM C. GLASSER, Chairman
State Emergency Communications Committee

KENNETH J. HAYDU, MIC
National Weather Service, Wilmington, Ohio

MARK A. PATCHEN, Vice Chairman
State Emergency Communications Committee

DALE BRING, Executive Vice President
Ohio Association of Broadcasters

SEBIO DILUCIANO, Cable Co-Chairman
State Emergency Communications Committee

CAROL CARUSO, Executive Vice President
Ohio Cable Telecommunications Association

BEVERLY BAKER, Chief, C.I.B.
Federal Communications Commission

DALE W. SHIPLEY, Deputy Director
Ohio Emergency Management Agency

JOE TERNOVAN, WNCI, State Primary
State Emergency Communications Committee

ROBERT DYE
Ohio Educational Telecommunications
Network Commission

GREG SAVOLDI, WLWQ, State Alternate
State Emergency Communications Committee

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Additional copies are available from:

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

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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 Ohio by activating the State of Ohio Emergency Alert System (EAS) or any of the 12 Local (Operational) Area Systems.

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 Ohio 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. The Ohio EAS System is made up of 12 *Local Areas*, previously known as “Operational Areas” under the old EBS system. This plan was prepared by members of the State of Ohio Emergency Alert System (EAS) Emergency Communications Committee (SECC) in cooperation with the State of Ohio Emergency Management Agency (EMA) and the National Weather Service (NWS). 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 State of Ohio 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, 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 working in conjunction with the State Primary (SP) station (WNCI-FM) and the 24 area Local Primary (LP) EAS stations. The State of Ohio EAS area consists of all Ohio's 88 counties which are grouped into twelve local (operational) areas. The plan also envisions involvement of the broadcast media, as may be appropriate, in counties of Pennsylvania, Kentucky, Michigan, Indiana and West Virginia adjacent to the counties making up the Ohio EAS local areas. This is a two-way involvement, providing for EAS messages originated by Ohio stations to be disseminated over stations in adjacent states which have Ohio coverage, and for EAS messages originated by stations in adjacent states to be disseminated over Ohio stations having coverage in adjacent states.

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. The twelve Ohio Local Area EAS Plans shall be considered appendices to and a part of this state of Ohio EAS plan.

F. EAS Designations: The following are the FCC designations reflecting the EAS status of every broadcaster and cable operator. Consult the EAS Station Listing, Attachment V to 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 WLWQ.

SR (State Relay) = In Ohio, several Public Broadcasting TV stations and some LP stations (designated as LP-3) serve in this capacity to deliver statewide emergency alerts to all LP stations in the state . The Ohio ETV network distributes WNCI (SP) audio to these stations via their microwave system.

LP (Local Primary) = Key stations in each local 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 stations are used as relay stations. Many of the LP-1 and LP-2 stations were the Common Program Control Stations (CPCS) under the old EBS system.

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 goal for the Ohio EAS is the development of a fully automated system that will allow notifiers through dedicated encoders to selectively provide Ohio citizens with timely emergency information and warnings. This State plan outlines general guidelines for EAS activation and use, and State activation procedures. Local area notification procedures are outlined in the twelve (12) Ohio Local Area EAS plans.

It is realized that at the initial implementation of the Ohio EAS much of the system will rely on broadcast station staff to air messages based on verbal requests from notifiers. Within the first few months of system implementation, all notifiers must obtain EAS encoder equipment. Once this initial equipment is in place, notifiers without EAS equipment must activate the EAS

through a notifier with the proper EAS encoder. Some areas of the state will employ EAS encoders at initial EAS implementation. LP stations serve as the primary contact point for EAS entry and therefore, carry an extra EAS responsibility. With this in mind, a key criteria 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 new EAS to assure 24-hour system reliability and selective signaling was key to the setting of our Ohio EAS goal. Throughout the long range development of the Ohio EAS, emphasis will be placed on configuring a fully automated but interruptable system. Emphasis will be placed on notifiers obtaining 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 *recommend* the monitoring of the NOAA weather radio station issuing weather warnings for counties within their coverage area.

The Ohio EAS Plan envisions the possible need for long form statewide emergency programs. For this reason, we have developed an emergency program relay network, shown in Attachment III. Procedures for implementation and use of this network is covered under Sections IX and XI, Broadcaster's Procedures.

V. ORIGINATING STATIONS

A. The State of Ohio Emergency Alert System's originating station is WNCI (FM), Columbus, Ohio (97.9 Mhz), designated the State Primary station (SP). The State of Ohio Emergency Alert System's *alternate* originating station is WLVQ-FM, Columbus, Ohio (96.3 MHz), designated the alternate State Primary station. If WNCI cannot be contacted, WLVQ should be notified and requested to activate the state of Ohio EAS.

B. In the case of localized emergency situations not involving the entire state, state level notifiers may request activation of the EAS on a local area basis through WNCI or through the local area Local Primary (LP) stations serving the affected area. (See Local Area Plans)

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, since the actual generation of EAS messages using FCC type accepted Encoder/Decoder equipment will be much easier and user friendly than this text suggests. In actual practice, the equipment software will allow generating 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 code format is as follows:

(Preamble) ZCZC-ORG-EEE-PSSCCC+TTTT-JJJHMM-LLLLLLLL

The preamble portion of this code contains a consecutive string of data bits used to clear the system equipment, set the equipment automatic gain control and set the decoder clocking cycles. This is a fixed code that is used at the beginning of all EAS headers and end of message codes.

The **ZCZC** = (start of ASCII code.) - Sent automatically by the EAS Encoder.

The **ORG** = (the *originator* code.) - Pre-set once by user, then sent automatically by the encoder. The following originator codes will be used as part of the Ohio EAS:

<u>ORIGINATOR</u>	<u>CODE</u>
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)

EEE = (the *event* code.) - Determined by the user each time an alert is sent.

Indicates the nature of the EAS activation. See paragraph C, Page 11, for the list of event codes to be used in the Ohio EAS. Those event codes marked ** are required to be programmed as pre-sets in all EAS decoders by FCC rules. Those event codes marked * are *specified* to be programmed as pre-sets in all EAS decoders of stations and cable systems participating in the Ohio EAS System.

PSSCCC = (the *location* code.) - Determined by the user each time an alert is sent. This code indicates the geographic area affected by the EAS alert. Up to 31 location codes can be put into one EAS alert header. The location code uses the Federal Information Processing System (FIPS) numbers to define areas. The PSSCCC code breakout is as follows:

The “**P**” defines county subdivisions as indicated in the following table. A “0” in the “P” position indicates an entire county:

1 = NW	2 = NC	3 = NE
4 = WC	5 = C	6 = EC
7 = SW	8 = SC	9 = SE

(Ohio does not anticipate using county subdivisions at the present time, Therefore a “0” should be used as the “P” code.)

The **SS** defines the state the EAS is being issued for. The **SS** codes for Ohio and adjacent states are as follows:

Indiana	18
Kentucky	21
Michigan	26
Ohio	39
Pennsylvania	42
West Virginia	54

The **CCC** refers to the county affected. A **000** in this code refers to an entire state. The three digit Ohio county FIPS codes are listed in paragraph D on Page 12.

+TTTT = (Duration of alert.) Determined by user each time alert is sent. This code is in 15 minute segments up to one hour, and 30 minute segments beyond one hour. The code is as follows: 15 min. = +0015, 30 min. = +0030, 45 min. = +0045, 1 hr. = +0100, 1 hr 30 min. = +0130, etc.

JJJHHMM = (Date/Time stamp.) Attached automatically by the encoder. JJJ is the three digit Julian day of the year. The HHMM is the time in hours and minutes using 24-hour universal coordinated time. In Ohio, universal coordinated time can be determined by adding five hours to Eastern Standard Time (EST) or four hours to Daylight Savings Time (DST).

LLLLLLLL = (Eight character ID, identifies the broadcaster, cable operator, NWS office, or civil authority sending or relaying the message.) *All eight digit positions must be used. Dashes must not be used.* After initial programming, the EAS encoder will automatically affix this code to all outgoing EAS messages. The LLLLLLLL codes in Ohio will follow the convention shown in the examples given below:

WHBCAMFM - Broadcast station combo

WHBC(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

Other suggested “L” codes should be submitted to the SECC for approval and inclusion in the state and local EAS plans. “L” codes for county notifier encoders can be found in the Local Area Plans. “L” codes for cable systems will be assigned by the SECC Cable Chairman by July 1, 1997.

(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 Ohio statewide 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, generated by pushing a button, is the preamble followed by a string of four ASCII “N” characters. 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 and subject cable system in the state shall program their EAS Decoder to facilitate the proper functioning of the system as described in this State Plan and the 12 Local Area Plans.

C. Ohio Event Codes:

Whether used under the authority of the Ohio State EAS Plan , or any of the 12 Local Area EAS Plans, the following are the *only* 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. *The SECC recommends pre-setting this entire list in your decoder.*

MANDATED FCC EVENT CODES

Emergency Action Notification	EAN**	Emergency Action Termination	EAT**
National Information Center	NIC	National Periodic Test	NPT
Required Monthly Test	RMT**	Required Weekly Test	RWT**
Tornado Watch	TOA	Tornado Warning	TOR*
Severe Thunderstorm Watch	SVA	Severe Thunderstorm Warning	SVR
Severe Weather Statement	SVS	Special Weather Statement	SPS
Flash Flood Watch	FFA	Flash Flood Warning	FFW*
Flash Flood Statement	FFS	Flood Watch	FLA
Flood Warning	FLW	Flood Statement	FLS
Winter Storm Watch	WSA	Winter Storm Warning	WSW
Blizzard Warning	BZW	High Wind Watch	HWA
High Wind Warning	HWW	Evacuate Immediate	EVI*
Civil Emergency Message	CEM*	Practice/Demo Warning	DMO

The following Event Codes are awaiting FCC approval. Upon FCC incorporation of these codes into the FCC Rules and Regulations, they should be loaded as pre-sets in decoders:

Closed Circuit Test	CCT*	Nuclear Power Plant Test	NUT*
Earthquake Warning	EQW*	Radiological Emergency	RDE*
Gas Leak Emergency	GLE*	Shelter in Place Advisory	SIP*
Industrial Plant Emergency	IPE*	State Advisory	STA*
Law Enforcement Emergency	LEE*	State Emergency	STE*
Local Area Advisory	LAA*	Toxic Spill Emergency	TSE*
Local Area Emergency	LAE*	911 Telephone Outage Emergency ..	TOE*
Nuclear Power Plant Emergency	NPE*		

**** Required to be pre-set in all decoders by FCC Rules**

*** Specified to be pre-set in decoders, as a minimum, per the Ohio State EAS Plan**

D. Ohio Location Codes (PSSCCC):

The first digit ("P") can be used to indicate one-ninth of a county as described on Page 7. Ohio does not anticipate using the "P" code at the present time. A "0" should be entered for the "P" code.

The remaining 5 digits ("SSCCC") indicate the state ("39" for Ohio) and county, as listed below:

<u>COUNTY</u>	<u>CODE</u>	<u>COUNTY</u>	<u>CODE</u>	<u>COUNTY</u>	<u>CODE</u>
Adams	39001	Guernsey	39059	Muskingum	39119
Allen	39003	Hamilton	39061	Noble	39121
Ashland	39005	Hancock	39063	Ottawa	39123
Ashtabula	39007	Hardin	39065	Paulding	39125
Athens	39009	Harrison	39067	Perry	39127
Auglaize	39011	Henry	39069	Pickaway	39129
Belmont	39013	Highland.....	39071	Pike	39131
Brown	39015	Hocking	39073	Portage	39133
Butler	39017	Holmes	39075	Preble	39135
Carroll	39019	Huron	39077	Putnam	39137
Champaign	39021	Jackson	39079	Richland	39139
Clark	39023	Jefferson	39081	Ross	39141
Clermont	39025	Knox	39083	Sandusky	39143
Clinton	39027	Lake	39085	Scioto	39145
Columbiana	39029	Lawrence	39087	Seneca	39147
Coshocton	39031	Licking	39089	Shelby	39149
Crawford	39033	Logan	39091	Stark	39151
Cuyahoga	39035	Lorain	39093	Summit	39153
Darke	39037	Lucas	39095	Trumbull	39155
Defiance	39039	Madison	39097	Tuscarawas	39157
Delaware	39041	Mahoning	39099	Union	39159
Erie	39043	Marion	39101	Van Wert	39161
Fairfield	39045	Medina	39103	Vinton	39163
Fayette	39047	Meigs	39105	Warren	39165
Franklin	39049	Mercer.	39107	Washington	39167
Fulton	39051	Miami	39109	Wayne	39169
Galia	39053	Monroe	39111	Williams	39171
Geauga	39055	Montgomery	39113	Wood	39173
Greene	39057	Morgan	39115	Wyandot	39175
		Morrow	39117		

VII. MONITORING ASSIGNMENTS

A. As indicated in Paragraph V, WNCI is the State Primary station and will be the *originator* for State of Ohio EAS messages. WLWQ, the alternate State Primary station will serve as the *alternate originator* for the State of Ohio EAS and will monitor WNCI. Local Primary stations will monitor other LP stations as shown on the LP Monitoring Map, Attachment I.

B. All participating (PN) State of Ohio broadcast stations and subject cable systems shall monitor the LP-1 and LP-2 stations serving their local area, unless specified otherwise in the Local Area Plan.

C. In addition to their assigned LP stations, all stations and cable systems participating in the Ohio EAS are encouraged to monitor the appropriate NOAA weather radio station serving their area. This is particularly important for LP stations. A complete list of NOAA weather stations and the counties for which they provide weather warnings is Attachment IV.

D. Details on specific monitoring assignments for Ohio EAS participating stations are outlined in the 12 Ohio Local Area EAS Plans. If monitoring difficulties are experienced, the local area chairman should be consulted in resolving the problem. The local area chairman will co-ordinate any waiver necessary with the SECC chairman and the FCC.

VIII. RESPONSIBILITIES OF LOCAL PRIMARY STATIONS

A. Local Primary (LP) stations serving the Ohio EAS System 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 per day and if possible, be attended operations.

B. In accepting this plan, all LP stations agree to originate any EAS messages requested by official EAS notifiers identified in this and their Local Area Plan. Additionally, LP stations agree to re-transmit any received message carrying any of the required national event codes or any of the non-weather related event codes specified in Paragraph VI, C, which are originated in

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 and attention to detail in EAS decoder programming, station operational planning and staff training. LP station engineers or other responsible personnel should consult their local area chairman, adjoining area chairmen and the state chairman in co-ordinating this important function.

C. LP stations must program their EAS decoders to accept emergency messages carrying location codes for all counties which are covered, in whole or in part, by any station or cable system in their local area. Attachment II, is a listing of LP Station County Programming.

D. Each SP and LP station agrees to these Ohio EAS standards in a letter of agreement with the SECC.

IX. STATE PROGRAM RELAY NETWORK

A. The SECC envisions the possible need for program length messages which would be originated by the Ohio Emergency Management Agency in the event of a statewide emergency situation. Therefore, a program relay network has been established and is shown in Attachment III. These program length messages would be carried by the State Primary station and relayed to all points in the state at a time which would be predetermined and announced via a statewide EAS activation. The activation alert would flow through the State LP monitoring web and would provide program join information to all participating stations and cable systems.

B. It is important for all LP stations to pay particular attention to the program relay network fanout so as to bring the correct relay station into their board. Transmitting audio from the wrong monitored station in this situation could result in severing the delivery system. Attachment I, outlines the monitoring assignments for all LP stations.

X. NOTIFICATION PROCEDURES

A. Notifiers: The agencies named below shall serve as notifiers for the State of Ohio EAS.

Other agencies may request activation of the State of Ohio EAS, but they must do so through one of the notifiers listed below:

- (1) Governor of the State of Ohio.
- (2) Ohio Emergency Management Agency
- (3) Ohio State Highway Patrol.
- (4) National Weather Service.

B. Notification of a statewide alert can be accomplished by sending the pre-formatted alert from the Emergency Operations Center/Joint Dispatch Facility (EOC/JDF) using an EAS encoder to the State Primary or Alternate State Primary station. The EOC/JDF houses the offices of the Ohio EMA and the Ohio State Highway Patrol dispatch center. This facility serves as the EAS notification point and is connected to the state primary station by an RPU radio link.

C. Requests for Activation: Requests for activation of the State of Ohio EAS will be made by contacting WNCI, the State Primary station by telephone or by remote pickup unit. If the SP station cannot be contacted, WLVQ, the alternate SP, shall be contacted.

Telephone numbers for direct access into station EAS equipment and to reach station operators have been provided by WNCI and WLVQ to notifiers.

D. Authentication: Authentication of all requests for activation of the State of Ohio EAS, made by telephone, will be made by return phone call or code word. Authentication procedures will be established by Ohio EMA and WNCI for each notifier designated above.

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, WNCI and the LP stations. The primary means of NWS activation of the Ohio EAS will be over NWS-Specific Area Message Encoder (SAME) through station monitoring of the NOAA weather radio system. The NWS may, through agreements with LP stations, contact those stations directly by telephone for EAS activation in localized weather situations.

XI. BROADCASTERS' PROCEDURE

A. Pre-formatted Alert: Upon receipt of a pre-formatted EAS alert from an authorized notifier, the SP or alternate SP station shall re-transmit that alert immediately.

B. Verbal Activation Request: Verbal activation requests will be accepted until March 31, 1997. Upon receipt of a request to activate the Ohio EAS from an appropriate notifier via phone call, and verification has been made of its authenticity, the SP or alternate SP station shall proceed as follows:

- (1) Determine and record the text of the message to be broadcast.
- (2) Prepare the EAS message header with the proper originator code, event code, location codes, effective time and attention signal.
- (3) Transmit the EAS message header and attention tones.
- (4) Broadcast the emergency announcement audio, not to exceed two minutes in length.

It is suggested that all Ohio EAS messages be formatted and preceded with the following beginning and ending statements: **“WE INTERRUPT THIS PROGRAM TO ACTIVATE THE EMERGENCY ALERT SYSTEM.”** (text of emergency

announcement) “**THIS CONCLUDES THIS EMERGENCY ALERT SYSTEM MESSAGE.**” The emergency announcement will contain a *network join time* if the need exists for a subsequent program length transmission.

(5) Transmit the EAS end-of-message code.

C. All broadcast stations and cable systems in the State of Ohio monitoring the key EAS (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. If a program length message is to be transmitted, stations should arrange to join the Emergency Program Relay Network at the announced time.

D. 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.

E. Upon completion of the EAS transmission, appropriate notations must be entered into the station log. It is suggested that the FCC’s EAS office be notified of EAS activations by filing FCC Form 201.

XII. LEGAL MATTERS

A. As a reminder to broadcasters, 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 discretionary 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, and the State and Local Area Plans. (See FCC Rules, Part 11, Secs. 11.21, 11.41 and 11.55.)

C. All participating stations 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 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 hours limitations may forego those limitations subject to FCC Rules and Regulations.

XIII. STEPS STATIONS SHOULD TAKE TO PARTICIPATE IN THE OHIO EMERGENCY ALERT SYSTEM

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

B. All Ohio EAS stations must have an EAS Encoder/Decoder fed by audio from their monitoring assignments. In addition, input from the appropriate NWS weather radio station is strongly encouraged. Encoder/Decoders must be programmed (pre-set) to accept EAS messages carrying all the FCC required event codes (normally done by the equipment manufacturer). The SECC encourages stations and cable operators to pre-set all the event codes shown in Paragraph VI, C. As a minimum, those shown with a single asterisk must be pre-set in order to participate in the Ohio EAS System. Decoders should be programmed to accept *any county location code* within the station's secondary coverage contour as prescribed in the *EAS station specification sheets* which will be found in the Local Area Plan. Unless a facility is attended 24 hours,

encoder/decoders should be configured to automatically rebroadcast properly addressed EAS messages. 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 plan. Cable systems should program their decoders to cover any county location code covered by their system.

C. 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, at any time.

D. Each station is unique in the role that it plays in the EAS system. Station personnel are expected to consult their Local Area EAS Plan and confer with the chairperson of the local area on the specific details and requirements for fulfilling their EAS requirements.

E. Stations should, based on this plan and their local area plan, develop their own standard operating procedures. Those procedures should be posted at the EAS equipment for quick reference by station personnel. A copy of this plan alone cannot possibly be considered adequate for station personnel to use as a guide at the time of activation, nor can station personnel be expected to remember what to do after studying this plan. This plan must be applied to each station. Therefore a clear, concise step-by-step operating procedure, readily available, for operating personnel to use at the time of an emergency, is absolutely necessary if the EAS is to be successful.

F. 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 capability. This should include as a minimum the ability to monitor two over-the-air broadcast stations plus a NOAA weather radio station. 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.

G. All participating stations should assign a permanent input on their master control console to receive program audio from the LP station, State Relay station, or other assigned source as shown in the program relay network chart, Attachment III.

XIV. TEST PROCEDURES

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

B. Monthly tests will originate from Ohio’s 24 Local Primary (LP) stations on the following schedule. These tests will be conducted in accordance with the FCC Rules and Regulations.

State and local area tests must be re-transmitted within 15 minutes of receipt by all participating EAS stations. Additional information and schedules on monthly local area tests (RMT) can be found in your Local Area EAS Plan.

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

C. 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 “Tornado Safety Week” activities, held in March of each year. This test will be conducted on a

Wednesday in March. A second statewide EAS test will be conducted in October between the hours of local sunset and 8:30 A.M. The SECC will send a mailing to all stations announcing these tests. Statewide EAS tests will be originated by the Ohio EMA from the State Emergency Operations Center/Joint Dispatch Facility (EOC/JDF). This facility will serve as the State EAS primary notification point during an actual emergency.

D. The following script will be used for statewide tests:

“THIS IS A STATEWIDE TEST OF THE OHIO EMERGENCY ALERT SYSTEM, ORIGINATING FROM THE STATE EMERGENCY OPERATIONS CENTER IN COLUMBUS. 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 EMERGENCY ALERT SYSTEM.”

XV. STATE AND LOCAL EMERGENCY COMMUNICATIONS COMMITTEE

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 the Chairman and Vice Chairman of the 12 local areas, the Cable Co-Chairman and other voluntary members appointed by the SECC Chairman.

B. The Local Area Emergency Communications Committee (LECC) Chairmen and Vice Chairmen are appointed by the Federal Communications Commission (FCC). The LECCs are also subcommittees of the SECC and all LECC Chairmen and Vice Chairmen are members of the SECC.

C. Your SECC and LECC Chairman and Vice Chairman welcome your questions and comments concerning this plan. A complete listing of the SECC and LECC Chairmen and Vice Chairmen is found 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

Error! No topic specified.

LP STATION DECODER PROGRAMMING CHART												
LP Stations	WRVF	WIOT	WTTF	WIMT	WLSR	WKXA	WVNO	WNCO				
COUNTIES												
ALLEN				X	X	X						
ASHLAND							X	X				
AUGLAIZE				X	X	X						
CHAMPAIGN				X								
CLARK				X								
COSHOCTON							X	X				
CRAWFORD	X	X	X			X	X	X				
CUYAHOGA								X				
DARKE				X	X							
DEFIANCE	X	X		X	X	X						
DELAWARE							X	X				
ERIE	X	X	X				X	X				
FRANKLIN							X					
FULTON	X	X										
HANCOCK	X	X	X	X	X	X	X					
HARDIN	X	X	X	X	X	X	X					
HENRY	X	X	X	X	X	X						
HOLMES							X	X				
HURON	X	X	X				X	X				
KNOX							X	X				
LICKING							X	X				
LORAIN							X	X				
LOGAN				X	X	X						
LUCAS	X	X	X									
MARION			X	X	X	X	X	X				
MEDINA							X	X				
MERCER				X	X							
MIAMI				X								
MONTGOMERY				X								
MORROW			X				X	X				
OTTAWA	X	X	X									
PAULDING	X	X		X	X							
PUTNAM	X	X	X	X	X	X						
RICHLAND			X				X	X				
SANDUSKY	X	X	X			X	X	X				
SENECA	X	X	X	X	X	X	X	X				
SHELBY				X	X							
UNION			X	X	X	X	X	X				
VAN WERT				X	X							
WAYNE							X	X				
WILLIAMS	X	X										
WOOD	X	X	X	X	X	X						
WYANDOT	X	X	X	X	X	X	X	X				

LP STATION DECODER														
PROGRAMMING CHART														
LP Stations	WTAM	WGAR	WHBC	WONE	WCMJ	WKBN	WHOT	WOVK	WEGW					
COUNTIES														
ASHLAND	X	X	X	X										
ASHTABULA	X	X				X	X							
BELMONT			X	X	X			X	X					
CARROLL	X		X	X		X	X	X	X					
COLUMBIANA	X		X	X		X	X	X	X					
COSHOCTON	X		X	X	X									
CRAWFORD	X	X												
CUYAHOGA	X	X	X	X										
ERIE	X	X												
GEAUGA	X	X	X	X		X	X							
GUERNSEY	X		X	X	X			X	X					
HARRISON	X		X	X	X	X	X	X	X					
HOLMES	X	X	X	X										
HURON	X	X												
JEFFERSON	X		X	X		X	X	X	X					
KNOX	X		X	X										
LAKE	X	X		X										
LICKING			X	X										
LORAIN	X	X		X										
MAHONING	X		X	X		X	X							
MEDINA	X	X	X	X										
MONROE								X	X					
MORGAN					X			X	X					
MUSKINGUM			X	X	X									
NOBLE			X	X	X			X	X					
OTTAWA	X	X												
PORTAGE	X	X	X	X		X	X							
RICHLAND	X	X												
SANDUSKY	X	X												
SENECA	X	X												
STARK	X	X	X	X		X	X							
SUMMIT	X	X	X	X										
TRUMBULL	X	X	X	X		X	X							
TUSCARAWAS	X		X	X	X			X	X					
WASHINGTON								X	X					
WAYNE	X	X	X	X										

LP STATION DECODER													
PROGRAMMING CHART													
LP Stations	WHKO	WTUE	WLW	WRRM	WAOL								
COUNTIES													
ADAMS			X		X								
ALLEN			X										
AUGLAIZE	X		X										
BROWN			X	X	X								
BUTLER	X	X	X	X									
CHAMPAIGN	X	X	X										
CLARK	X	X	X										
CLERMONT			X	X	X								
CLINTON	X	X	X	X									
DARKE	X	X	X										
DELAWARE			X										
FAIRFIELD			X										
FAYETTE	X	X	X										
FRANKLIN			X										
GREENE	X	X	X	X									
HAMILTON			X	X	X								
HANCOCK			X										
HARDIN	X		X										
HIGHLAND			X	X	X								
HOCKING			X										
JACKSON			X										
LAWRENCE			X										
LICKING			X										
LOGAN	X	X	X										
MADISON	X	X	X										
MARION			X										
MERCER	X		X										
MIAMI	X	X	X										
MONTGOMERY	X	X	X	X									
MORROW			X										
PAULDING			X										
PICKAWAY			X										
PIKE			X										
PREBLE	X	X	X	X									
PUTNAM			X										
ROSS			X										
SCIOTO			X										
SHELBY	X	X	X										
UNION	X	X	X										
VAN WERT			X										
VINTON			X										
WARREN	X	X	X	X									
WYANDOT			X										

LP STATION DECODER												
PROGRAMMING CHART												
LP Stations	WNCI	WLVQ	WPAY	WKKJ	WXTQ	WOUB	OH EMA	WHIZ				
COUNTIES												
ADAMS			X	X								
ATHENS	X	X	X	X	X	X	X	X				
BROWN			X	X								
CHAMPAIGN	X	X					X					
CLARK	X	X					X					
CLINTON	X	X	X				X					
COSHOCTON	X	X					X	X				
CRAWFORD	X											
DELAWARE	X	X		X			X					
FAIRFIELD	X	X	X	X	X	X	X	X				
FAYETTE	X	X	X	X			X					
FRANKLIN	X	X		X			X					
GALLIA			X	X	X	X						
GREENE	X	X					X					
GUERNSEY	X	X					X	X				
HARDIN	X	X					X					
HIGHLAND	X	X	X	X			X					
HOCKING	X	X	X	X	X	X	X	X				
HOLMES								X				
JACKSON	X		X	X	X	X						
KNOX	X	X					X	X				
LAWRENCE			X	X	X	X						
LICKING	X	X		X			X	X				
LOGAN	X	X					X					
MADISON	X	X		X			X					
MARION	X	X					X					
MEIGS			X	X	X	X						
MONROE					X	X		X				
MORGAN	X	X			X	X	X	X				
MORROW	X	X					X					
MUSKINGUM	X	X			X	X	X	X				
NOBLE	X	X			X	X	X	X				
PERRY	X	X			X	X	X	X				
PICKAWAY	X	X	X	X			X					
PIKE	X		X	X								
RICHLAND	X											
ROSS	X	X	X	X		X	X					
SCIOTO			X	X								
TUSCARAWAS								X				
UNION	X	X		X			X					
VINTON	X	X	X	X	X	X	X	X				
WASHINGTON					X	X		X				
WYANDOT	X											

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ATTACHMENT IV
NOAA WEATHER STATIONS SERVING OHIO COUNTIES

The following is a listing of all NOAA weather 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

Ashland, KY, KIH-39, RLX, 162.55

Counties: Adams, Lawrence, Scioto, Jackson, Gallia

Bridgeport, WWF-35, PBZ, 162.525

Counties: Athens, Belmont, Coshocton, Guernsey, Harrison, Jefferson, Monroe, Morgan, Muskingum, Noble, Tuscarawas, Washington

Cambridge, (Highhill) WXJ-47, PBZ, 162.475

Counties: Athens, Belmont, Coshocton, Gallia, Guernsey, Harrison, Jefferson, Meigs, Monroe, Morgan, Muskingum, Noble, Tuscarawas, Washington

Castalia, KHB-97, CLE, 162.40

Counties: Ashland, Crawford, Erie, Huron, Knox, Lorain, Marion, Morrow, Ottawa, Richland, Sandusky, Seneca, Wyandot

Spencer, WV, WXM-70, RLX, 162.50

Counties: Athens, Gallia, Meigs, Morgan, Washington

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: Adams, Butler, Warren, Clermont, Brown, Clinton, Hamilton, Highland

Erie, PA, KEC-58, ERI, 162.40

Counties: Ashtabula

Ft. Wayne, IN, WXJ-58, FWA, 162.55

Counties: Defiance, Mercer, Paulding, Van Wert, Williams

Holland, WXL-51, CLE, 162.55

Counties: Fulton, 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

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

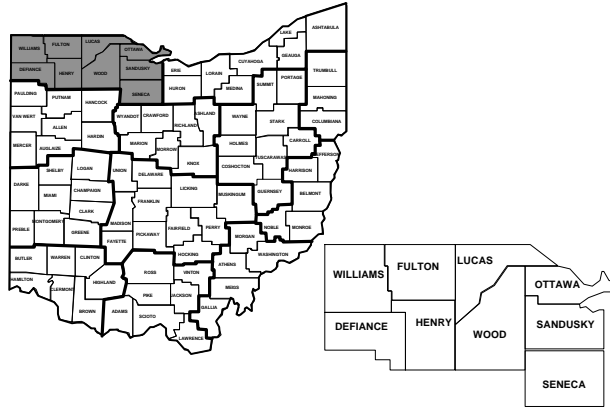
Ohio

EAS Local Areas



NORTHWEST OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WQCT Bryan	1520	Participating
WCWA Toledo	1230	Participating
WFOB Fostoria	1430	Participating
WFRO Fremont	900	Participating
WJYM Bowling Green	730	Participating
WTOD Toledo	1560	Participating
WWWM Toledo	1470	Participating
WONW Defiance	1280	Participating
WSPD Toledo	1370	Participating
WTTF Tiffin	1600	Participating
WVOI Toledo	1520	Participating
<u>FM</u>		
WHMQ North Baltimore	107.7	Participating
WZOM Defiance	105.7	Participating
WJZE Oak Harbor	97.3	Participating
WBCY Archbold	89.5	Participating
WHVT Clyde	90.5	Participating
WXTS Toledo	88.3	Participating
WBGU Bowling Green	88.1	Participating
WDFM Defiance	98.1	Participating
WBVI Fostoria	96.7	Participating
WFRO Fremont	99.1	Participating
WGTE Toledo	91.3	Participating
WHEI Tiffin	88.9	Participating
WMTR Archbold	96.1	Participating
WIOT Toledo	104.7	Local Primary-2
WKKO Toledo	99.9	Participating
WRVF Toledo	101.5	State Relay/Local Primary-1
WVKS Toledo	92.5	Participating
WJUC Swanton	107.3	Participating
WXUT Toledo	88.3	Participating

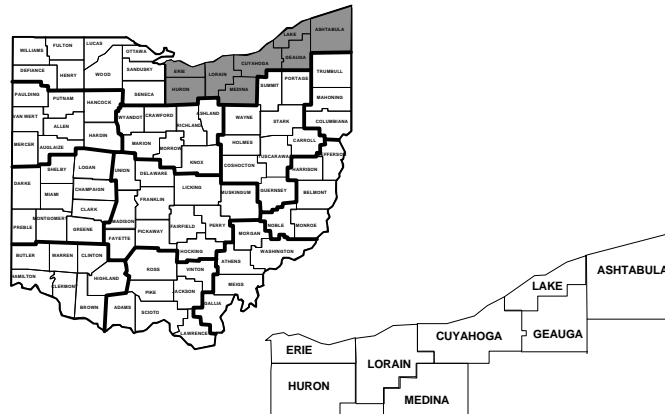
NORTHWEST OHIO LOCAL AREA

Attachment V

WNDH Napoleon	103.1	Participating
WXKR Port Clinton	94.5	Participating
WPOS Holland	102.3	Participating
WBNO Bryan	100.9	Participating
WRQN Bowling Green	93.5	Participating
WTTF Tiffin	103.7	Local Primary-3
WWWM Sylvania	105.5	Participating
WYHK Gibsonburg	95.7	Participating
WTOL Toledo	90.3	Participating
WLZZ Montpelier	104.5	Participating
WNCG Clyde	100.9	Participating
WNRR Bellevue	92.1	Participating
WYSZ Maumee	89.3	Participating
WBUZ Delta	106.5	Participating

TV

WBGU Bowling Green	CH 27	Participating
WGTE Toledo	CH 30	State Relay
WNWO Toledo	CH 24	Participating
WTOL Toledo	CH 11	Participating
WTVG Toledo	CH 13	Participating
WUPW Toledo	CH 36	Participating
WLMB Toledo	CH 40	Participating



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WABQ Cleveland	1540	Participating
WMIH Cleveland	1260	Participating
WBKC Painesville	1460	Participating
WATJ Chardon	1560	Participating
WELW Willoughby	1330	Participating
WEOL Elyria	930	Participating
WERE Cleveland	1300	Participating
WFUN Ashtabula	970	Participating
WKNR Cleveland	1220	Participating
WHK Cleveland	1420	Participating
WJMO Cleveland Heights	1490	Participating
WJTB North Ridgeville	1040	Participating
WLEC Sandusky	1450	Participating
WVAC Norwalk	1510	Participating
WOBL Oberlin	1320	Participating
WRKG Lorain	1380	Participating
WRMR Cleveland	850	Participating
WCCD Parma	1000	Non-Participating
WWOW Conneaut	1360	Participating
WTAM Cleveland	1100	National Primary/ Local Primary-1/BSPP
WAST Ashtabula	1600	Participating
<u>FM</u>		
WNWV Elyria	107.3	Participating
WCLV Cleveland	95.5	Participating
WCPZ Sandusky	102.7	Participating
WCRF Cleveland	103.3	Participating
WKFM Huron	96.1	Participating

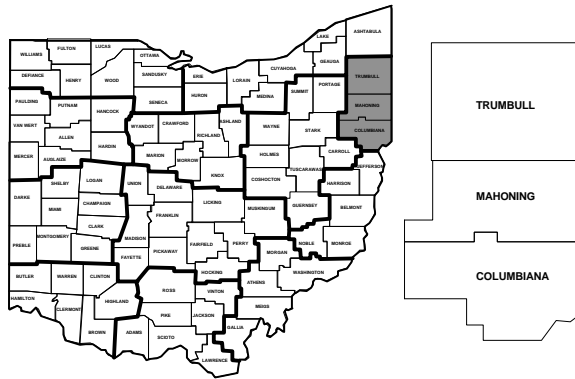
CENTRAL AND EAST LAKESHORE LOCAL AREA

Attachment V

WENZ Cleveland	107.9	Participating
WDOK Cleveland	102.1	Participating
WGAR Cleveland	99.5	Local Primary-2
WQAL Cleveland	104.1	Participating
WGGN Castalia	97.7	Participating
WLKR Norwalk	95.3	Participating
WLTF Cleveland	106.5	Participating
WZAK Cleveland	93.1	Participating
WMJI Cleveland	105.7	Participating
WMMS Cleveland	100.7	Participating
WNCX Cleveland	98.5	Participating
WREO Ashtabula	97.1	Participating
WZJM Cleveland Heights	92.3	Participating
WZLE Lorain	104.9	Participating
WOBC Oberlin	91.5	Participating
WGOJ Conneaut	105.5	Participating
WNZN Lorain	89.1	Participating
WVMS Sandusky	89.5	Participating
WCJV Jefferson	90.9	Participating
WCSB Cleveland	89.3	Participating
WCPN Cleveland	90.3	Participating
WBWC Berea	88.3	Participating
WRUW Cleveland	91.1	Participating
WUJC University Heights	88.7	Participating
WZOO Edgewood	102.5	Participating
WKKY Geneva	104.7	Non-participating
WPHR Ashtabula	98.3	Participating
WKHR Bainbridge	88.3	Participating
WKSV Thompson	89.1	Participating
	<u>TV</u>	
WEWS Cleveland	CH 5	Participating
WJW Cleveland	CH 8	Participating
WKYC Cleveland	CH 3	Participating
WVIZ Cleveland	CH 25	State Relay
WUAB Lorain	CH 43	Participating
WQHS Cleveland	CH 61	Participating
WOIO Cleveland	CH 19	Participating
WGGN Sandusky	CH 52	Participating

YOUNGSTOWN OHIO LOCAL AREA

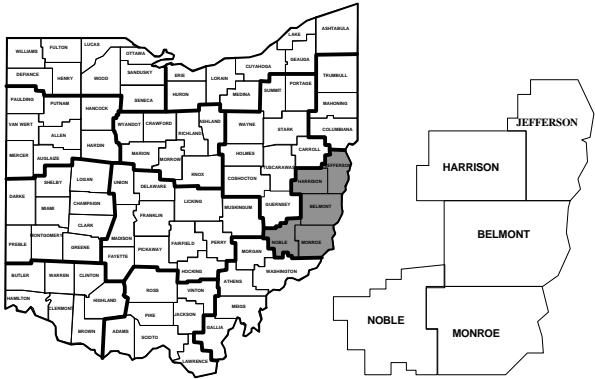
Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WBBW Youngstown	1240	Participating
WRTK Youngstown	1390	Participating
WGFT Youngstown	1500	Participating
WASN Campbell	1330	Participating
WKBN Youngstown	570	Participating
WKTX Cortland	830	Participating
WENE Niles	1540	Participating
WOHI East Liverpool	1490	Participating
WANR Warren	1570	Participating
WRRO Warren	1440	Participating
WSOM Salem	600	Participating
<u>FM</u>		
WELA East Liverpool	104.3	Participating
WHOT Youngstown	101.1	Local Primary-2
WKBN Youngstown	98.9	Local Primary-1
WKTL Struthers	90.7	Participating
WBBG Youngstown	93.3	Participating
WQXK Salem	105.1	Participating
WYSU Youngstown	88.5	State Relay
WNCD Niles	106.1	Participating
WRBP Hubbard	101.9	Participating
WYTN Youngstown	91.7	Participating
<u>TV</u>		
WFMJ Youngstown	CH 21	Participating
WKBN Youngstown	CH 27	Participating
WYTV Youngstown	CH 33	Participating

UPPER OHIO VALLEY LOCAL AREA

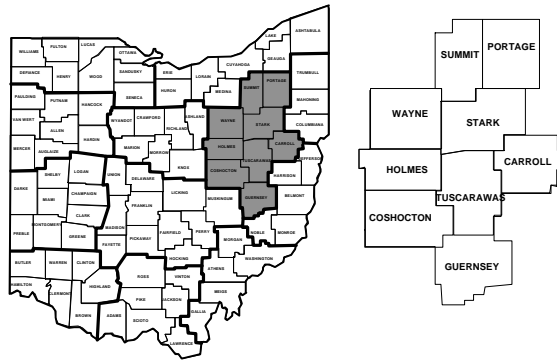
Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WDIG Steubenville	950	Participating
WOMP Bellaire	1290	Participating
WSTV Steubenville	1340	Participating
<u>FM</u>		
WWKC Caldwell	104.9	Participating
WOMP Bellaire	100.5	Participating
WRKY Steubenville	103.5	Participating
WBHR Bellaire	88.7	Participating
WCDK Cadiz	106.3	Participating
WBNV Barnesville	93.5	Participating
WEEL Shadyside	95.7	Participating
WOVK Wheeling, WV	98.7	Local Primary-1
WEGW Wheeling, WV	107.5	Local Primary-1
<u>TV</u>		
WTOV Steubenville	CH 9	Participating

EAST CENTRAL OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WAKR Akron	1590	Participating
WBTC Uhrichsville	1540	Participating
WCUE Cuyahoga Falls	1150	Participating
WDPN Alliance	1310	Participating
WTIG Massilon	990	Participating
WHBC Canton	1480	Participating
WHLO Akron	640	Participating
WILE Cambridge	1270	Participating
WPGY Canton	1520	Participating
WJER Dover	1450	Participating
WJMP Kent	1520	Participating
WRCW Canton	1060	Participating
WSLR Akron	1350	Participating
WTNS Coshocton	1560	Participating
WCER Canton	900	Participating
WKVX Wooster	960	Participating
<u>FM</u>		
WKRJ New Philadelphia	91.5	Participating
WTUZ Uhrichsville	99.9	Participating
WKRW Wooster	89.3	Participating
WKLM Millersburg	95.3	Participating
WOUC Cambridge	89.1	Participating
WZIP Akron	88.1	Participating
WCMJ Cambridge	96.7	Local Primary-3
WCWS Wooster	90.9	Participating
WZKL Alliance	92.5	Participating
WHBC Canton	94.1	Local Primary-1/State Relay
WJER Dover	101.7	Participating
WKDD Akron	96.5	Participating
WKSU Kent	89.7	Participating

EAST CENTRAL OHIO LOCAL AREA

Attachment V

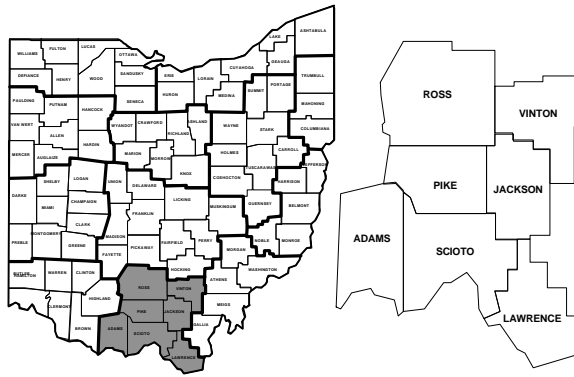
WNIR Kent	100.1	Participating
WNPQ New Philadelphia	95.9	Participating
WONE Akron	97.5	Local Primary-2
WQKT Wooster	104.5	Participating
WRMU Alliance	91.1	Participating
WRQK Canton	106.9	Participating
WSTB Streetsboro	88.9	Participating
WTNS Coshocton	99.3	Participating
WTOF Canton	98.1	Participating
WAPS Akron	91.3	Participating
WILE Byesville	97.7	Participating
WAPB Coshocton	91.1	Participating
WQMX Medina	94.9	Participating

TV

WAKC Akron	CH 23	Participating
WBNX Akron	CH 55	Participating
WDLI Canton	CH 17	Participating
WEAO Akron	CH 49	Participating
WNEO Alliance	CH 45	State Relay
WOUC Cambridge	CH 44	Participating
WOAC Canton	CH 67	Participating

SOUTH CENTRAL OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WBEX Chillicothe	1490	Participating
WCHI Chillicothe	1350	Participating
WIOI New Boston	1010	Participating
WIRO Ironton	1230	Participating
WYPC Wellston	1330	Participating
WLMJ Jackson	1280	Participating
WNXT Portsmouth	1260	Participating
WPAY Portsmouth	1400	Participating
WXIC Waverly	660	Participating
<u>FM</u>		
WOSP Portsmouth	91.5	Participating
WOHC Chillicothe	90.1	Participating
WRAC West Union	103.1	Participating
WMEJ Proctorville	91.9	Participating
WVXC Chillicothe	89.3	Participating
WKKJ Chillicothe	93.3	Local Primary-2
WCJO Jackson	97.7	Participating
WFCB Chillicothe	94.3	Participating
WZIO South Webster	94.9	Participating
WKOV Wellston	96.7	Participating
WNXT Portsmouth	99.3	Participating
WPAY Portsmouth	104.1	Local Primary-1
WMLV Ironton	107.1	Participating
WVXW West Union	89.5	Participating
WXIZ Waverly	100.9	Participating
WOUL Ironton	89.1	Participating
WOUH Chillicothe	91.9	Participating
WBVB Coal Grove	97.1	Participating
WJTD McArthur	98.7	Participating
WOHP Portsmouth	88.3	Participating
WAGX Manchester	101.3	Participating

SOUTH CENTRAL OHIO LOCAL AREA

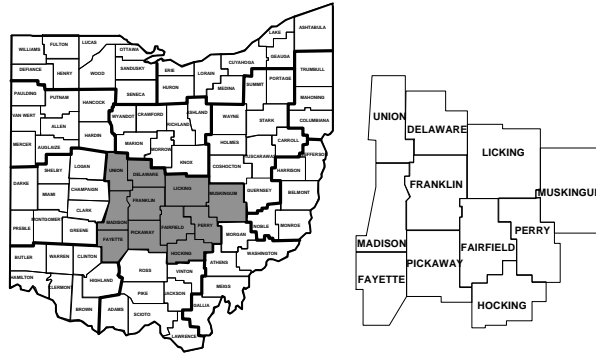
Attachment V

TV

WPBO Portsmouth	CH 42	Participating
WWHO Chillicothe	CH 53	Participating
WUXA Portsmouth	CH 30	Participating

CENTRAL OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WBNS Columbus	1460	Participating
WOFR Washington Courthouse	1250	Participating
WCLT Newark	1430	Participating
WCOL Columbus	1230	Participating
WDLR Delaware	1550	Participating
WHIZ Zanesville	1240	Participating
WHTH Heath	790	Participating
WLGN Logan	1510	Participating
WLOH Lancaster	1320	Participating
WMNI Columbus	920	Participating
WNRJ Circleville	1540	Participating
WOSU Columbus	820	Participating
WRFD Columbus	880	Participating
WTVN Columbus	610	Participating
WVCO Columbus	1580	Participating
WUCO Marysville	1270	Participating
<u>FM</u>		
WOUZ Zanesville	90.1	Participating
WBNS Columbus	97.1	Participating
WCBE Columbus	90.5	Participating
WCHO Washington Courthouse	105.5	Participating
WCKX London	106.3	Participating
WCLT Newark	100.3	Participating
WCVO Gahanna	104.9	Participating
WHIZ Zanesville	102.5	Local Primary-3
WHOK Lancaster	95.5	Participating
WLGN Logan	98.3	Participating
WLVQ Columbus	96.3	State Primary-2/Local Primary-2
WNCI Columbus	97.9	State Primary-1/Local Primary-1

CENTRAL OHIO LOCAL AREA

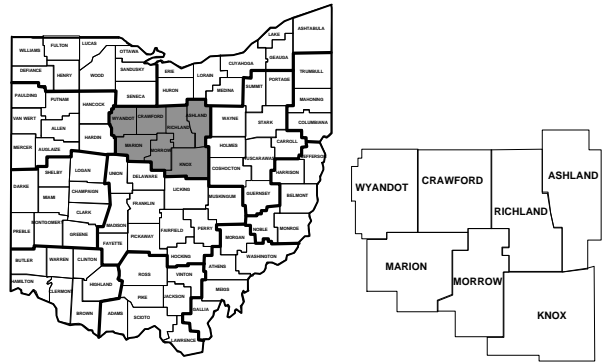
Attachment V

WNKO Newark	101.7	Participating
WAHC Circleville	107.1	Participating
WOSU Columbus	89.7	Participating
WBZX Columbus	99.7	Participating
WSNY Columbus	94.7	Participating
WCOL Columbus	92.3	Participating
WAKS Marysville	105.7	Participating
WWCD Grove City	101.1	Participating
WOBN Westerville	101.5	Participating
WCVZ Zanesville	92.7	Participating
WFCO Lancaster	90.9	Participating
WMCO New Concord	90.7	Participating
WTJY Johnstown	103.1	Participating
WWJM New Lexington	106.3	Participating
WLLD Upper Arlington	98.9	Participating
WDUB Granville	91.1	Non-participating
WYBZ Crooksville	107.3	Participating
WCEZ Delaware	107.9	Participating
WSWZ Lancaster	103.5	Participating
WJZA Columbus	107.5	Participating
WZJZ Richwood	104.3	Participating

TV

WBNS Columbus	CH 10	Participating
WCMH Columbus	CH 4	Participating
WHIZ Zanesville	CH 18	Participating
WOSU Columbus	CH 34	State Relay
WSFJ Newark	CH 51	Participating
WTTE Columbus	CH 28	Participating
WSYX Columbus	CH 6	Participating

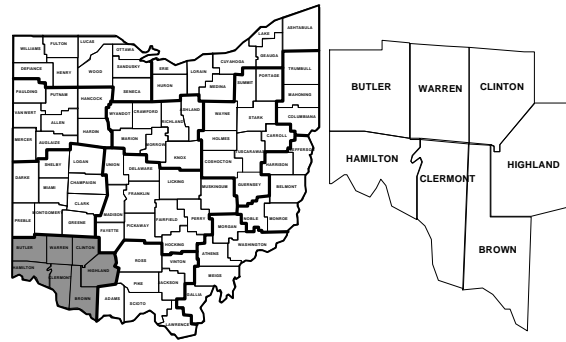
NORTH CENTRAL OHIO LOCAL AREA



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WBCO Bucyrus	1540	Participating
WMAN Mansfield	1400	Participating
WMVO Mount Vernon	1300	Participating
WNCO Ashland	1340	Participating
WRGM Ontario	1440	Participating
WMRN Marion	1490	Participating
<u>FM</u>		
WMRN Marion	106.9	Participating
WQEL Bucyrus	92.7	Participating
WYHT Mansfield	105.3	Participating
WQIO Mount Vernon	93.7	Participating
WYNT Upper Sandusky	95.9	Participating
WNCO Ashland	101.3	Local Primary-2
WGLN Galion	102.3	Participating
WRDL Ashland	88.9	Participating
WXML Upper Sandusky	90.1	Participating
WSWR Shelby	100.1	Participating
WVNO Mansfield	106.1	State Relay/Local Primary-1
WYXZ Crestline	98.7	Participating
WWBK Fredericktown	98.3	Participating
WNZR Mount Vernon	90.9	Participating
WKCO Gambier	91.9	Participating
WBZW Loudonville	107.7	Participating
WOSV Mansfield	91.7	Participating
WVXG Mount Gilead	95.1	Participating
WDIF Marion	94.3	Participating
<u>TV</u>		
WMFD Mansfield	CH 68	Participating

SOUTHWEST OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WCIN Cincinnati	1480	Participating
WSAI Cincinnati	1530	Participating
WCNW Fairfield	1560	Participating
WUBE Cincinnati	1230	Participating
WKFI Wilmington	1090	Participating
WCKY Cincinnati	550	Participating
WLW Cincinnati	700	Local Primary-1
WMOH Hamilton	1450	Participating
WAOZ Cincinnati	1360	Participating
WPFB Middletown	910	Participating
WSRW Hillsboro	1590	Participating
WTSJ Cincinnati	1050	Participating
<u>FM</u>		
WAOL Ripley	99.5	Local Primary-3
WVNU Greenfield	97.5	Participating
WJVS Cincinnati	88.3	Non-participating
WAKW Cincinnati	93.3	Participating
WYGY Hamilton	96.5	Participating
WGRR Hamilton	103.5	Participating
WCNE Batavia	88.7	Participating
WEBN Cincinnati	102.7	Participating
WGUC Cincinnati	90.9	Participating
WKRQ Cincinnati	101.9	Participating
WOFX Fairfield	94.9	Participating
WAQZ Milford	107.1	Participating
WMUB Oxford	88.5	Participating
WWNK Cincinnati	94.1	Participating
WOXY Oxford	97.7	Participating
WPBF Middletown	105.9	Participating
WAIF Cincinnati	88.3	Participating
WMKV Reading	89.3	Participating
WYJC Delhi Hills	90.1	Participating

SOUTHWEST OHIO LOCAL AREA

Attachment V

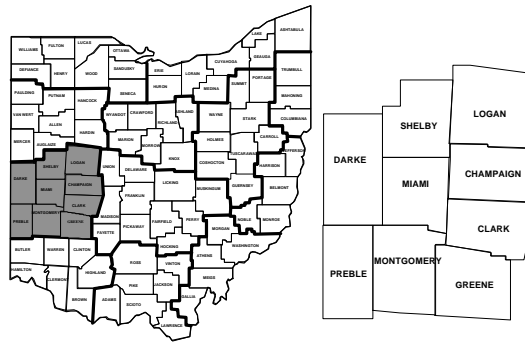
WRRM Cincinnati	98.5	Local Primary-2
WSRW Hillsboro	106.7	Participating
WSWO Wilmington	102.3	Participating
WUBE Cincinnati	105.1	Participating
WVXU Cincinnati	91.7	Participating
WPPT Cincinnati	92.5	Participating
WHSS Hamilton	89.5	Participating
WAXZ Georgetown	97.7	Participating
WLHS West Chester	89.9	Participating
WLMH Morrow	89.1	Participating
WNLT Harrison	104.3	Participating
WMMA Lebanon	97.3	Participating
WAGX Manchester	101.3	Participating
WOBO Batavia	88.7	Participating

TV

WCET Cincinnati	CH 48	State Relay
WCPO Cincinnati	CH 9	Participating
WSTR Cincinnati	CH 64	Participating
WKRC Cincinnati	CH 12	Participating
WLWT Cincinnati	CH 5	Participating
WPTO Oxford	CH 14	Non-participating
WXIX Cincinnati/Newport, KY	CH 19	Participating

WEST CENTRAL OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WBLY Springfield	1600	Participating
WBZI Xenia	1500	Participating
WDAO Dayton	1210	Participating
WHIO Dayton	1290	Participating
WING Dayton	1410	Participating
WIZE Springfield	1340	Participating
WGNZ Fairbourne	1110	Participating
WMVR Sidney	1080	Participating
WBLB Bellefontaine	1390	Participating
WONE Dayton	980	Participating
WPTW Piqua	1570	Participating
WCTM Eaton	1130	Non-participating
<u>FM</u>		
WLSN Greenville	106.5	Participating
WING Springfield	102.9	Participating
WZLR Xenia	95.3	Participating
WKSX Urbana	101.7	Participating
WEEC Springfield	100.7	Participating
WFCJ Miamisburg	93.7	Participating
WGTZ Eaton	92.9	Participating
WGVO Greenville	91.5	Participating
WHKO Dayton	99.1	Local Primary-1
WMVR Sidney	105.5	Participating
WCLR Piqua	95.7	Participating
WTUE Dayton	104.7	Local Primary-2
WLQT Kettering	99.9	Participating
WMMX Dayton	107.7	Participating
WRVF Beaver Creek	103.9	Participating
WCDR Cedarville	90.3	Participating
WDPG Greenville	98.9	Participating
WTGR Union City	97.5	Participating

WEST CENTRAL OHIO LOCAL AREA

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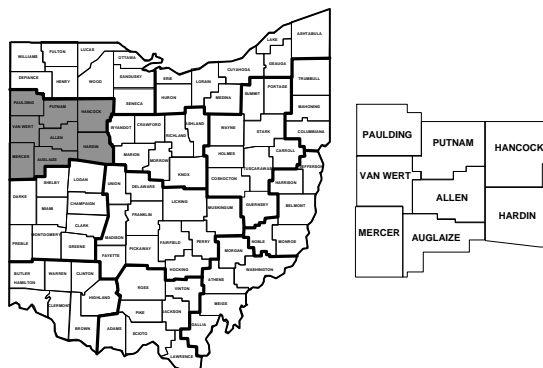
WCSU Wilberforce	88.9	Participating
WDPR Dayton	89.5	Participating
WQRP West Carrollton	88.1	Participating
WTRJ Troy	96.9	Participating
WYSO Yellow Springs	91.3	Participating
WPKO Bellefontaine	98.3	Participating
WDOL Englewood	94.5	Participating
WROU West Carrollton	92.1	Participating

TV

WDTN Dayton	CH 2	Participating
WHIO Dayton	CH 7	Participating
WKEF Dayton	CH 22	Participating
WPTD Dayton	CH 16	State Relay
WRGT Dayton	CH 45	Participating
WTJC Springfield	CH 26	Participating

LIMA OHIO LOCAL AREA

Attachment V



<u>STATION</u>	<u>FREQUENCY</u>	<u>EAS DESIGNATION</u>
<u>AM</u>		
WCIT Lima	940	Participating
WERT Van Wert	1220	Participating
WFIN Findlay	1330	Participating
WIMA Lima	1150	Participating
WCSM Celina	1350	Participating
<u>FM</u>		
WBUK Fort Shawnee	107.5	Participating
WDOH Delphos	107.1	Participating
WBYR Van Wert	98.9	Participating
WGLE Lima	90.7	Participating
WKXA Findlay	100.5	Local Primary-3
WIMT Lima	102.1	Local Primary-1
WKTN Kenton	95.3	Participating
WLSR Lima	104.9	Local Primary-2
WQTL Ottawa	106.3	Participating
WTGN Lima	97.7	Participating
WZOQ Wapakoneta	92.1	Participating
WLFC Findlay	88.3	Participating
WONB Ada	94.9	Participating
WYRX Lima	93.1	Participating
WERT Paulding	99.7	Participating
WCSM Celina	96.7	Participating
WHKI Celina	94.3	Participating
<u>TV</u>		
WLIO Lima	CH 35	Participating
WTLW Lima	CH 44	Participating

STATE EMERGENCY COMMUNICATIONS COMMITTEE (SECC)

Chairman

Mr. William C. Glasser
Radio Station WHBC
P.O Box 9917
Canton, Ohio 44711
(330) 456-7166
(330) 456-7199 (Fax)

Vice Chairman

Mr. Mark A. Patchen
Ohio Emergency Management Agency
2855 West Dublin Granville Road
Columbus, Ohio 43235-2206
(614) 889-7155
(614) 889-7183 (Fax)

Cable Co-Chairman

Sebio Diluciano, Regional Manager
Adelphia Cable Communications
P. O. Box 178
Lorain, Ohio 44052
(216) 245-1353
(216) 245-6094 (Fax)

CENTRAL OHIO LOCAL AREA

Chairman

Mr. Joe Ternovan
Radio Station WNCI
One Nationwide Plaza, #98
Columbus, Ohio 43215
(614) 224-9624
(614) 249-3979 (Fax)

Vice Chairman

Mr. Greg Savoldi
Radio Station WLVQ
1301 Dublin Road
Columbus, Ohio 43215
(614) 486-6101
(614) 487-2559 (Fax)

CENTRAL AND EAST LAKESHORE LOCAL AREA

Chairman

Mr. Dave Szucs
Radio Station WTAM
1468 West 9th Street, Suite 805
Cleveland, Ohio 44113
(216) 696-4444
(216) 579-1065 (Fax)

Vice Chairman

Mr. Mark Kreiger
Radio Station WGAR-FM
5005 Rockside Road, Suite 530
Cleveland, Ohio 44131
(216) 328-9950
(216) 328-9952 (Fax)

NORTHWEST OHIO LOCAL AREA

Chairman

Mr. William J. Rossini
Radio Station WSPD
125 South Superior Street
Toledo, Ohio 43602
(419) 244-8321
(419) 242-2846 (Fax)

Vice Chairman

Mr. Dennis Moon
Radio Station WCWA/WIOT
124 North Summit Street
Toledo, Ohio 43604
(419) 248-3378
(419) 344-2483 (Fax)

LIMA OHIO LOCAL AREA

Chairman

Mr. Mark D. Gierhart
Radio Station WIMA
667 West Market Street
Lima, Ohio 45801
(419) 223-2060
(419) 229-3888 (Fax)

Vice Chairman

Mr. Richard Corcoran
WTLW - TV
1844 Baty Road
Lima, Ohio 45807
(419) 991-4444
(419) 991-4090 Fax

NORTH CENTRAL OHIO LOCAL AREA

Chairman

Mr. Wayne Fick
Radio Station WVNO
2900 Park Avenue, West
Mansfield, Ohio 44906
(419) 529-5900
(419) 529-2319 (Fax)

Vice Chairman

Mr. Mark Hiner
Radio Station WNCO
P.O. Box 311, Mansfield Road
Ashland, Ohio 44805
(419) 289-2605
(419) 289-0304 (Fax)

EAST CENTRAL OHIO LOCAL AREA

Chairman

Mr. William C. Glasser
Radio Station WHBC
P. O. Box 9917
Canton, Ohio 44701
(330) 456-7166
(330) 456-7199 (Fax)

Vice Chairman

Mr. Glenn Foldessy
Radio Station WOAC/WAKC - TV
26650 Renaissance Parkway, Suite E4
Cleveland, Ohio 44128
(216) 831-2367

SOUTHWEST OHIO LOCAL AREA

Chairman

Mr. Paul Jellison
Radio Station WLW
1111 St. Gregory Street
Cincinnati, Ohio 45202
(513) 241-9597
(513) 241-5963 (Fax)

Vice Chairman

Mr. Ted Kendrick
Radio Station WCKY
1111 St. Gregory Street
Cincinnati, Ohio 45202
(513) 241-6565
(513) 651-2555 (Fax)

WEST CENTRAL OHIO LOCAL AREA

Chairman

Mr. Ron Gaier
Radio Station WHIO
1414 Wilmington Avenue
Dayton, Ohio 45420
(937) 259-2111
(937) 259-2005 (Fax)

Vice Chairman

Mr. Jeffrey J. Bennett
Radio Station WTUE
101 Pine Street, #200
Dayton, Ohio 45402
(937) 224-1137
(937) 224-3667 (Fax)

YOUNGSTOWN OHIO LOCAL AREA

Chairman

Mr. James S. Hartzler
WKBN Broadcasting Corporation
3930 Sunset Boulevard
Youngstown, Ohio 44501
(330) 782-1144
(330) 782-3504 (Fax)

Vice Chairman

Mr. Wess Boyd
Radio Station WHOT
4040 Simon Road
Youngstown, Ohio 44512
(330) 783-1000
(330) 783-0060 (Fax)

SOUTHEAST OHIO LOCAL AREA

Chairman

Mr. Rick Ervin
Radio Station WOUB
9 South College Street
Athens, Ohio 45701
(614) 593-1113 or 593-4940
(614) 593-0240 (Fax)

Vice Chairman

Mr. Ted Jacobson, Director
Athens County Emergency Mgmt. Agcy.
13 West Washington Street
Athens, Ohio 45701
(614) 594-2261
(614) 592-3248 (Fax)

SOUTH CENTRAL OHIO LOCAL AREA

Chairman

Mr. Jeff Johnson
Radio Station WVXU
3800 Victor Parkway
Cincinnati, Ohio 45207
(513) 731-9898
(513) 745-1004 (Fax)

Vice Chairman

Mr. Mac Porter
Radio Station WKKJ
P.O. Box 244, Carlisle
Chillicothe, Ohio 45601
(614) 773-2244
(614) 773-0933 (Fax)

UPPER OHIO VALLEY LOCAL AREA

Chairman

Mr. Roy Humphrey
Radio Station WWVA
1015 Main Street
Wheeling, West Virginia 26003
(304) 234-0057
(304) 234-0036 (Fax)

Vice Chairman

Mr. Greg Harper
Radio Station WOMP
Box 448, Route 224
Bellaire, Ohio 43906
(614) 676-5661
(614) 676-2742 (Fax)