KNOX COUNTY OFFICE OF HOMELAND SECURITY AND EMERGENCY MANAGEMENT

Knox County
Amateur Radio Emergency Service

Operations Manual

Draft 7/30/2019

The information in the document is Classified “For Your Information Only”, it is only to be distributed to those agencies and organizations with a need to know. For more information, contact the Knox County ARES Emergency Coordinator: pvalentinoknoxco@gmail.com

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I. BACKGROUND

The Amateur Radio Emergency Service (ARES) has been providing communications assistance in times of disaster since the 1930's. Consisting of federally licensed Amateur Radio operators, ARES members have the purpose of providing emergency communications to public safety and public service Agencies and organizations. Knox County ARES is autonomous and is capable of providing local communications and message handling in the event a disaster or emergency situation. ARES is organized at the county level and operates at the direction of the county Emergency Coordinator(EC) who is an American Radio Relay League (ARRL) member, Licensed Amateur Radio Operator and Trained in the National Incident Management System (NIMS).

II. PURPOSE

The purpose of the ARES Operations Manual is to outline the organization and capabilities available for deployment in the event of an emergency or disaster situation.

III. SITUATION AND ASSUMPTIONS

It is assumed that some level of radio communications within the County will survive the effects of a disaster. Trained radio operators can provide emergency communications services and technical support for the incident's response agencies and organizations.

Knox County ARES has the capability to operate fixed, portable and mobile radio stations. In Knox County, the fixed radio stations are located within a facility that are involved with emergency response and recovery efforts. Portable stations include "go-boxes" and handheld radios. Mobile radio stations are stations permanently mounted in a vehicle.

A. Knox County Control Station

The American Red Cross Training Center is the County's Control Station; it is located behind the American Red Cross Chapter House. The Radio Station can be operated by the entire ARES membership team to handle messages. The facility also stores the Mount Vernon Amateur Radio Club equipment and supplies. In times of emergency, the ARES membership will receive their initial briefing. When the facility is not active in emergency response it serves as the ARES training center. The capabilities of the county control station are listed in (TAB-K County Control Station).

American Red Cross Chapter house
300 North Mulberry St.
Mount Vernon, OH 43050
Chapter House Phone (740) 397-6300
Radio Station (740) XXX XXXX

B. Knox County Emergency Operations Center (EOC) Station

The Knox County EOC is located internal to the Knox County Sheriff's Office. This facility is operated by the Knox County ARES Leadership Team, it provides emergency communications services for the EOC and guidance to the County Control Station. The capabilities of the EOC station are listed in (TAB M Emergency Operations Center).

Knox County Sheriff's Office
Knox County Emergency Management Agency
11540 Upper Gilchrist Rd,
Mount Vernon, OH 43050
Phone: (740) 393-6772
Radio Station Phone: (740) 399-3994
Radio Station Phone: (740) 399-3995

C. Additional Control Stations

1) Knox Community Hospital

This radio station provides emergency communication for the hospital and receives situational awareness updates from the EOC. This facility is operated by the ARES Membership.

Knox Community Hospital
1330 Coshocton Ave,
Mount Vernon, OH 43050
Phone: (740) 393-9000
See Contact Listing for specifics

2) Personal Radio Stations

Members of the Knox County Amateur Radio Club may be included in the response from their home using their Personal Radio Station. These Radio Stations are capable of providing Health / Wellness nets and Weather Nets. These stations are encouraged to have an alternate power source. A list of personal radio stations is in (TAB – A List of personal Radio Stations)

3) Mobile Radio Stations

A mobile radio station is used while in motion or during deployment at specified facility. There is an ARES operator with a handheld radio operating from the location where a fixed radio station does not exist or from the County's Mobile Command trailer. A District Radio Station is a Mobile Radio Station. Mobile Radio Stations must have backup battery packs or an alternate power source. A list of Mobile Radio Stations is in (TAB – B List of Mobile Stations)

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IV. ARES MEMBERSHIP

A. Eligibility

ARES Members are assigned a location within a district (TAB – J District Map) at the time of deployment. They will be required to operate independently at different response agencies and organizations. Therefore, ARES members must possess an Amateur Radio license, pass a background check and complete their NIMS training certificates.

B. Credentialing

The credentialing agency is the Knox County Emergency Management Agency. The Knox County Sheriff's office will perform a criminal history background check. When an ARES member separates from service, the identification badge and any other county owned property must be returned to the ARES Emergency Coordinator.

C. Equipment

Members are expected to have at a minimum a handheld radio, experience with the Mount Vernon Amateur Radio Club's "Go Boxes" and maintain a personal state of readiness. ARES members who operate from home are encouraged to have an alternate source of power.

ARES Members who separate from service are responsible to return their ID Badge and any other county property in her possession.

D. Availability

ARES Membership is voluntary and should communicate their availability to deploy to their district manager. Before deploying the membership should:

- Take care of yourself
- Take care of your immediate family
- Take care of your neighbors

E. Training

The ARES Membership is encouraged to keep themselves technically up to date. Emergency response is a structured operating environment. The agencies and organizations served will expect the membership to be knowledgeable on how EOC operations are handled and are conversant with the staff. Therefore, it is required that the membership complete these online trainings within six (6) months and complete an ARES application. Please ensure the EC receives a copy of your training certificates. To start the training process each member must acquire a Student Identification Number (SID).

SID

http://www.training.fema.gov/is/crslist.aspx

To start the training process students, need to register for a FEMA SID (Student ID)

IS Courses
http://www.training.fema.gov/is/crslist.aspx
Search for Independent Study (IS) WEB based courses.

ARES Application
http://arrl-ohio.org/SEC/fsd-156.html
The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes.
When completing the application be prepared to enter your station's capabilities and be sure to attach any completed ICS training certificates.

1) Membership Group
IS-100- Introduction to Incident Command System
IS-700.A- National Incident Management System (NIMS)

2) Leadership Group
IS-100- Introduction to Incident Command System
IS-200.b - Single Incidents and Initial Action Incidents
IS-700.a- National Incident Management System (NIMS)
IS-800.b - National Response Framework

F. Code of Conduct

Knox ARES members are expected to conduct themselves in a professional manner at all times while participating in any ARES activities or when representing the organization.

Members must follow the rules and regulations of the facility where they are assigned.

V. Roles and Responsibilities

This section lists the primary Role and Responsibility of the different ARES Positions. See (TAB – Q for a list of position contacts).

A. Emergency Coordinator (EC)

Promote and enhance the activities of the Amateur Radio Emergency Service (ARES) for the benefit of the public as a voluntary, non-commercial communications service.

Will be involved in communicating the interest of ARES to the general public and media.

Maintain a contact listing of all ARES district managers and the membership.
Manage and coordinate the training, and organization of ARES membership for an emergency response.

Support the Section Emergency Coordinator/Section Manager.

Develop detailed local operational plans with ''served'' agency officials and establish protocols for mutual trust and respect. All matters involving recruitment and utilization of ARES volunteers in response to the needs of agency officials, including; technical issues and security of message transmission of others.

Establish local communications networks and periodically test those networks by conducting realistic drills and exercises.

Establish an emergency traffic plan, with Health / Welfare traffic inclusive, utilizing the National Traffic System as one active component for traffic handling. Establish an operational liaison with local and section nets, particularly for handling Health / Welfare traffic in an emergency situation.

In times of disaster, evaluate the communications needs of the jurisdiction and respond quickly to those needs. The EC will assume authority and responsibility for emergency response and performance by ARES personnel under his/her jurisdiction.

Foster an efficient and effective Amateur Radio response overall to the served agencies. Promote growth in the ARES program, making it a robust valuable resource and able to meet local needs.

Report regularly to the SEC and prepare After Action Reports for the Membership.

B. Assistant Emergency Coordinator

Members will act in the absence of the EC to oversee all operations and activities, interface with served agencies and conduct normal business.

C. County Control Coordinator.

This position is knowledgeable of and distributes the Mount Vernon Amateur Radio Clubs emergency equipment and supplies. This position will also perform or direct equipment tracking protocols and conduct briefings.

D. District Manager

This position will head up district operations during a disaster or emergency, working directly with the served agency and other key players to pass on handle messages between the ARES County Control and the Emergency Operations Center.

E. Knox County ARES Membership

The position will assist the District manager to achieve their district objectives in times of an emergency.

F. Leadership Team

Knox County ARES has a Leadership Team. This team consist of subject matter experts that provide guidance to the Emergency Coordinator. The purpose of the Team is to assist the Emergency Coordinator in establishing Knox County ARES as a leader in emergency communications to served agencies. These positions are appointed by the Emergency Coordinator and have additional training. They provide technical assistance to served agencies, and are instrumental in the design/development of projects.

Determine what agencies and organizations are active in the area, evaluate their needs, and determine their compatibility with ARES. Ensure that the clients understand ARES capabilities and limitations.

Promote digital communications and resources, train and encourage members, and facilitate digital applications for served agencies.

Provide technical assistance in the operation of repeater communications and other communications resources.

Coordinate support of the National Traffic System by moving or handling traffic into and out of Knox County. This Team is responsible for training ARES members in handling traffic.

In an emergency, this Team is responsible for developing local ARES protocols and procedures.

VI. Concept of Operations

Amateur radio is recognized as a valuable backup or a alternate communications platform. ARES members augment communications and support emergency operations.

To be effective ARES membership must maintain a state of personal readiness.

ARES does not "Self Deploy".

It is difficult to create a tightly structured Incident Action Plan (IAP) simply because every emergency situation is different and requires a separate IAP.

When possible the EC will Notify the Membership of a pending disaster or emergency situation using the mass notification tool "Knox Alerts" (TAB – C, Knox Alerts) (TAB –D, Notification

Message Templates) prior to activation.

When no advance warning is available the EC will Activate the Leadership Team using “Knox Alerts”. The alerting message will provide activation guidance. (TAB E, Activation Message Templates)

The EC will prepare an ICS form 201 Initial Incident Action Plan (IAP) (TAB – F, ICS 201) and ICS 205 Incident Radio Communications Plan (TAB – G ICS 205). The EC or AEC will activate the ARES membership by district.

The district managers will report to the ARES County Control Station to pick up their emergency equipment, supplies and receive an incident briefing from the County Control Manager.

The County Control manager may decide that an in-person briefing is not plausible or necessary. In this example the County Control manager may deploy the district manager to a location. In this example an incident briefing must still occur.

Once the District Manager is on location and has sized up the situation, the manager may activate the district membership.

All communications between the County Control, EOC, Hospital, districts, State and etc. must be Logged using the (TAB H, ICS 213 Log)

All request received for a ARES initiated communications must be document using (TAB – I, ICS 213)

A. ARES County Control

The Radio station may be activated when the EOC is not activated, if the EOC is activated County Control will be activated.

B. EOC

The Radio station at the EOC will be staffed when the EOC is activated

C. NET CONTROL

A Net Control station will be established between the County Control, EOC, Hospital and from an individual operating net control from home.

D. MESSAGE HANDLING

ICS 213 general message form will be used to document operations operational communications. Each communication request will be recorded in the ICS-213 Log (TAB - I).

E. NET OPERATION

ARES incident related nets have priority on the repeater with the exception of a request for life and safety. Should a conflict arise net control operation has the authority to:

Listen to make sure the repeater or desired frequency is clear. Politely ask for use of the repeater or frequency.

Announce, THIS IS "Call Sign" calling the Knox County ARES net into session for an emergency situation. This is a controlled net, "Call Sign" is net control. We appreciate your cooperation in keeping the frequency clear. We're now listening for Emergency, priority traffic or time orientated traffic.

At 10 minute intervals in accordance with FCC rules; identify the net, "This is "Call Sign", an emergency net is in operation for Knox County ARES. Thank you for your cooperation!"

"MEDICAL" – Members should use this phrase to report a situation that requires immediate medical attention. All other traffic on the net must immediately stop, and remain stopped until the medical situation has been handled.

"EMERGENCY" – Any member with an emergency situation should use this phrase to request immediate assistance, safety response (police or fire), or declare some event that's taken place that presents an immediate threat to life safety or property. All other traffic on the net must immediately stop, and remain stopped until the emergency has been handled.

"PRIORITY" - This is an urgent situation (without life or property safety concern) that warrants immediate attention by the net. An example might be to report a missing child. Net Control should immediately recognize this station and receive the message. Other stations should stand by until at least the original message has been handled.

"INFORMATION" This is used when you have information that can help with a discussion taking place during a net. NCS should recognize your call-sign and allow you to provide your information.

"SEVERE WEATHER" Net TAB-R will facilitate information flowing between the Central Ohio Severe Weather Net and ARES. This NET is mostly a "listening" position. The primary purpose of net control is to monitor severe weather activity and report the activity to the EOC if activated.

F. TACTICAL CALLSIGNS

While operating the net, stations may be assigned "tactical" call-signs. Tactical call-signs are

helpful when they are used to identify specific locations, such as “EOC” or “Command” or “Hospital”.

G. IDENTIFICATION

The FCC rules don’t go away during emergencies! Remember when using tactical call-signs, Net Control must allow the station to voice their personal call-sign at the end of their transmission, per FCC requirements.

H. ARES Notification and Activation

As a part of the Ohio ARRL Section, Knox County ARES has guidelines in the Ohio Section Emergency Response Plan. EC, AEC’s and members should have a working knowledge of the provisions including alerting, station requirements, and preferred frequencies.

ARES may be activated by the Emergency Management Director, the EC or AEC.

1) Notification

When possible the EC will notify the Membership of a pending disaster or emergency situation using the mass notification tool “Knox Alerts” (TAB - D Notification message template) prior to activation.

2) Activation

When no advance warning is available the EC will Activate the Leadership Team using “Knox Alerts”. The alerting message will provide activation guidance. (TAB - E Activation message template). The Alternate methods of ARES Activation are: radio, phone, texting and email.

I. HOW TO RESPOND

There is no official ARES uniform; members are encouraged to dress professionally and according to the situation and expected weather conditions. ARES does offer reflective safety vests for purchase, they help to identify your membership when operating at a remote facility.

ARES Membership should always display their Knox County ID when deployed.

Bring your handheld(s) and any other radio gear you consider necessary after learning the specifics of the activation or event.

Bring your own personal items such as medication, water, snacks and clothing for the weather. As a volunteer, you are responsible for your own; medical, liability, auto and equipment and safety.

The County Control will provide a briefing with specific information to each member with assignments, such as: Specific location (address, etc.). Point of contact. Frequency you’ll be

operating on once there, Operational period and any other details.

1) WHEN YOU ARRIVE

When directed to a specific assignment, you should drive with due caution to reach your location safely. Park in a safe place so as not to block traffic.

Meet your contact person, discuss where you will set up your station, review what duties you have and make sure to get a cell number for your contact.

Check-in with Net Control when you're operational and ready to send/receive messages.

Check out with Net Control if you're taking a break or when your shift is over.

VII. TRAINING AND EXERCISIES

A. Weekly

Knox ARES holds a radio net every Sunday at 9:00PM. This net offers an opportunity to practice Net operations and test your radio equipment.

B. Quarterly

Knox ARES will schedule a training meeting every quarter. These trainings are typically held at the ARES Command Post. Members are urged to attend these training sessions to stay current and informed.

C. Public Service Events

A large part of service to our community is providing communications at public events. This service is provided at no charge, and the event is relative to Emergency Preparedness

1) Guidelines for Public Services Event Coordinators.

- Initial contact with the organization to determine needs, times and scope of the project.
- Determination of our participation (number of volunteers, time, place)
- Soliciting ARES volunteers to cover the event
- Maintaining contact with the organization for changes and updates (maps, etc.)
- Update volunteers by email as plans develop
- Email specific assignments and duties immediately prior to the event with frequencies, reporting times, expected duration, any supplies needed, CELL NUMBERS, etc.
- Net control the event (or designate a net control)
- Follow-up with communication to the organization, and thanks to the members
- Report members and times to EC for logging and reporting purposes

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2) Guidelines for ARES Members.

All members are urged to participate in ARES sponsored events. These events help to train ARES Membership.

- County ID
- Have radio, antenna and power ready to go.
- Make sure you know how to operate the radio (changing frequencies, repeaters, etc. on the fly)
- Bring or obtain an ARES vest. The vest must be warn when outside, especially near traffic areas!
- Bring water and any other personal supplies (medicine, bug spray, clothing) you might need
- Bring a printed map so you're familiar with the event and your location
- CHECK IN. Once there and ready to go, formally check into the net and confirm your position.
- CHECK OUT. When taking breaks or leaving the event.
- When operating an event REMEMBER YOUR PERSONAL SAFETY COMES FIRST!!
- Report any problems to the EC to be included in the AAR.
-

TABS

TAB – A, List Fixed of Radio Stations and their capabilities

TAB – B, List of Mobile Radio Stations

TAB – C, Knox Alerts

KNOX ALERTS INFORMATION

Below are the two administrative login links. If one happens to be down you can use the other.

Primary Login Site: https://www.wensnetwork.com/login.cfm
Secondary Login Site: https://www2.wensnetwork.com/login.cfm

To login, click on the "Administrator Login" tab and enter the following:

1. Account ID: Knox13
2. Username: PVALENTINO
3. Password:

Use the following link to sign up to receive outage and upgrade notifications.

http://entry.inspironlogistics.com/wens_outage/wens.cfm

Here is the link for the public sign-up site

http://entry.inspironlogistics.com/knox_co_oh/wens.cfm

Here is the vendor information:

Inspiron Logistics, LLC
Nick Travarca
Sr. Client Relations Manager
(866) 998-9367
ntravarca@inspironlogistics.com
www.inspironlogistics.com

inspiron logistics®
Leveraging Mobile Technologies >>>

TAB – D, ARES Notification Template

,

TAB – E, ARES Activation Template

TAB - F, ICS 201 Incident Briefing

INCIDENT BRIEFING (ICS 201)

1. Incident Name:	2. Incident Number:	3. Date/Time Initiated: Date: Time:

4. Map/Sketch (include sketch, showing the total area of operations, the incident site/area, impacted and threatened areas, overflight results, trajectories, impacted shorelines, or other graphics depicting situational status and resource assignment):

5. Situation Summary and Health and Safety Briefing (for briefings or transfer of command): Recognize potential incident Health and Safety Hazards and develop necessary measures (remove hazard, provide personal protective equipment, warn people of the hazard) to protect responders from those hazards.

6. Prepared by: Name: _____ Position/Title: _____ Signature: _____

ICS 201, Page 1 Date/Time: _____

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INCIDENT BRIEFING (ICS 201)

1. Incident Name:	2. Incident Number:	3. Date/Time Initiated: Date: Time:

7. Current and Planned Objectives:

8. Current and Planned Actions, Strategies, and Tactics:

Time:	Actions:

6. Prepared by: Name: _____ Position/Title: _____ Signature: _____

ICS 201, Page 2 Date/Time: _____

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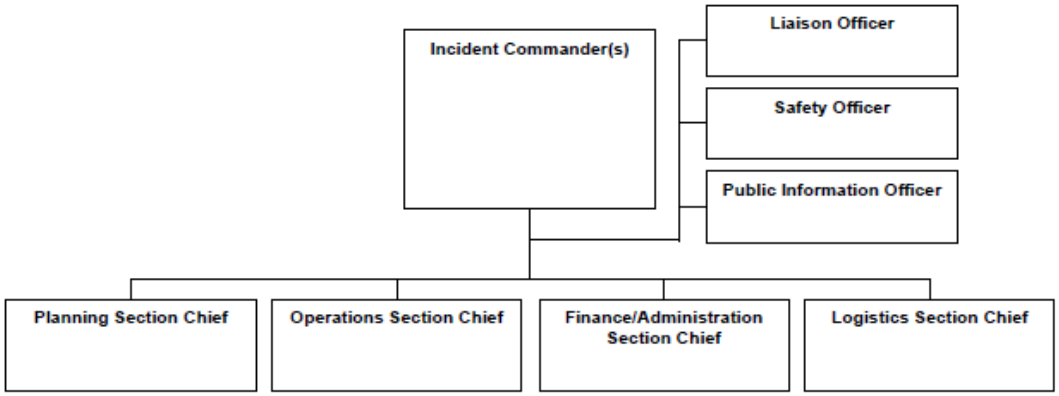
INCIDENT BRIEFING (ICS 201)

1. Incident Name:	2. Incident Number:	3. Date/Time Initiated: Date: Time:

9. Current Organization (fill in additional organization as appropriate):



6. Prepared by: Name: _____ Position/Title: _____ Signature: _____

ICS 201, Page 3 Date/Time: _____

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INCIDENT BRIEFING (ICS 201)

1. Incident Name:	2. Incident Number:	3. Date/Time Initiated: Date: Time:

10. Resource Summary:

Resource	Resource Identifier	Date/Time Ordered	ETA	Arrived	Notes (location/assignment/status)
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	
				☐	

6. Prepared by: Name: _____ Position/Title: _____ Signature: _____

ICS 201, Page 4 Date/Time: _____

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TAB – G ICS Incident Radio Communications

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:	2. Date/Time Prepared: Date: Time:	3. Operational Period: Date From: Date To: Time From: Time To:

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks

5. Special Instructions:

6. Prepared by (Communications Unit Leader): Name: _____ Signature: _____

ICS 205 | **IAP Page** _____ | Date/Time: _____

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TAB - H ICS 213 LOG

INCIDENT RADIO COMMUNICATIONS PLAN (ICS 205)

1. Incident Name:	2. Date/Time Prepared: Date: Time:	3. Operational Period: Date From: Date To: Time From: Time To:

4. Basic Radio Channel Use:

Zone Grp.	Ch #	Function	Channel Name/Trunked Radio System Talkgroup	Assignment	RX Freq N or W	RX Tone/NAC	TX Freq N or W	TX Tone/NAC	Mode (A, D, or M)	Remarks

5. Special Instructions:

6. Prepared by (Communications Unit Leader): Name: _____ Signature: _____

ICS 205 | **IAP Page** _____ | Date/Time: _____

TAB - I ICS 213 Form

GENERAL MESSAGE		
TO:	POSITION:	
FROM:	POSITION:	
SUBJECT:	DATE:	TIME:
MESSAGE:		
SIGNATURE:	POSITION:	
REPLY:		
DATE:	TIME:	SIGNATURE/POSITION:

ICS 213 NFES 1336

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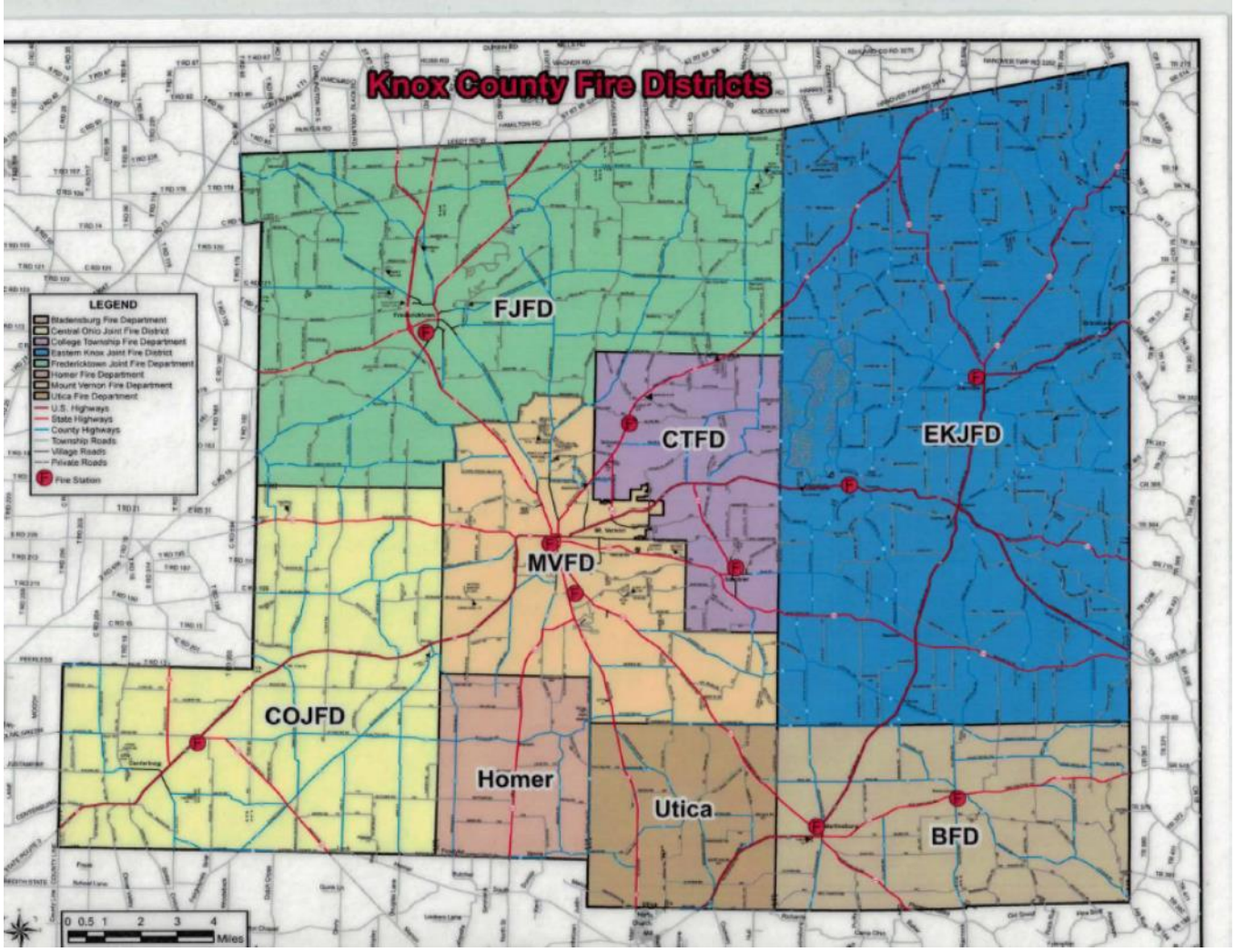
TAB – J District Map



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TAB – K County Control Station Capability

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TAB – L Knox Community Hospital Station Capability

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TAB – M EOC Station - Capability

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TAB – N KNOX COUNTY ARES Communications Plan

TAB – O SECTION Emergency Numbers

Knox		
	Dispatch "Emergency"	9-1-1
	Sheriff "Non-Emergency"	740-397-3333
	Emergency Management	740-393-6772
Fairfield		
	Sheriff	740-652-7900
	EMA	740-654-4357
Franklin		
	Columbus Police Radio	614-645-4545
	Columbus Fire	614-221-2345
	MECC	614-536-0058
	EMA	614-794-0213
Madison		
	Sheriff 911	740-852-1212
	EMA	740-852-4200
Knox		
	Sheriff 911	740-393-6728
	EMA	740-393-6772
Licking		
	911 Joint Dispatch	470-349-6758
	Sheriff	740-670-5555
Marion		
	Sheriff	740-382-8244 (800-241-8244)
	OSP Marion Post	740-383-2181
	Marion Police and Fire	740-387-2525
Morrow		
	Sheriff 911	740-946-4444
	EMA	740-946-7727
Richland		
	EMA – 911	419-774-5686
Union		
	Sheriff	937-645-4110
	EMA	937-645-3174
OSP Central OH		614-799-9241 / 466-2660
Ohio SAIC	Terrorist Threat Report	877-647-4683

TAB – P SECTIONAL Radio Frequency List

SECTIONAL RADIO FREQUENCY LIST CONTINUED

Ohio Section ARES Frequency Plan January, 2015

	Primary	+/-QRM	Secondary	+/- QRM			Comments
Ohio EMA W8SGT	7.240	7.244	7.248				VHF- 147.06 + (94.8) Wide area- 146.76 - (123)
	3.910	3.915					Only if 40 is not functioning
Ohio Digital Emergency Net	7.072	OLIVIA 8/500	PSK31	MT631K			
	3.585	OLIVIA 8/500	PSK31	MT631K			Only if 40 is not functioning
COUNTY	Primary	tone	Secondary	tone	Pri Simp	Sec Simp	Comments
DISTRICT NUMBER ONE							
DEC Brent Stover WD8PNZ							
Erie	146.805 -	110.9	146.655 -	110.9	146.805		
Hancock	147.150 +	88.5			147.48		
Huron	146.865-	110.9					
Lucas	147.375 +	103.5	146.610 -	103.5			
Ottawa	443.850 +	186.2	442.250 +	x			
Sandusky	145.490 -	107.2	146.910 -	x			
Seneca	144.850 +	107.2	147.855 -	107.2			
Wood	146.790 -	103.5	443.5125 +	103.5			
Hardin							
DISTRICT NUMBER TWO							
DEC Terry Habeggar W8UY							
Allen	(vacant)						
Auglaize	147.33+	107.2					
Defiance	147.090+	107.2					
Fulton	147.195-	x					
Henry	147.315+	x					
Mercer	146.610-	107.2					
Paulding	x						
Putnam	146.715-	x					
Van Wert	146.700-	x					
Williams	146.820-	x					

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DISTRICT NUMBER THREE	145.11 +	67	224.16	67			
DEC Bob Rhoades KC8WHK							
Champaign	147.375+	X	146.995-	x			
Clark	146.73-	77	145.31-	x			
Darke	146.79-	94.8	147.18-	162.2	146.58		
Greene	146.91-	x	442.725+	x			147.165+X
Miami	145.23-	100	147.210+	67	145.56		147.240+x / 146.535 / 146.565
Montgomery	146.64-	X					
Preble	145.47-	100					
Shelby	146.835-	156.7	443.200+	156.7	146.49	446.1	WX: 442.350+ (127.3)
Logan	147.00+	100					
DISTRICT NUMBER FOUR							
DEC Steve Lewis N8TFD							
Adams							
Brown							
Butler							
Clermont							
Clinton							
Hamilton							
Highland							
Warren							
DISTRICT NUMBER FIVE							
DEC							
Carroll	443.200 +	131.8	147.075 -	29.66			
Columbiana	146.805 +	162.2	145.510 -	x			
Mahoning	146.745 -	110.9	145.27 -				
Portage	146.895-	110.9			147.525		
Stark	147.120 +	110.9					
Summit	444.550-+	131.8	442.550+	131.8			
Trumbull	146.97 -	100	147.045 +	141.3			

Tuscarawas	146.730 -	71.9					
DISTRICT NUMBER SIX							
DEC vacant							
Ashland	147.105+	71.9	147.345+	110.9			
Crawford	146.850-	71.9					
Holmes							
Richland	146.940-	71.9					
Wayne	147.21+	88.5					
Wyandot	147.21+	88.5					
DISTRICT NUMBER SEVEN							
DEC Kal Dworkin KA8RLC							
Delaware	145.17-	74.4	145.29-	123			Also 145.19-(x), 443.55+(x)
Fairfield	146.700-		147.03+		147.555		
Fayette							
Franklin	147.060	94.8	444.275	94.8			444.800 (94.8)
Licking	146.88-	141.3			146.49		
Madison	147.285+	82.5			146.52		
Pickaway							
Union							
Knox	146.79-	71.9					
Marion	147.30+	250.3					
Morrow							
DISTRICT NUMBER EIGHT							
DEC Jeff Slattery N8SUZ							
Athens							
Gallia							
Hocking							

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Jackson							
Lawrence							
Meigs							
Pike							
Ross							
Scioto							
Vinton							
Perry							
DISTRICT NUMBER NINE					146.46		147.00(91.5), 147.045(91.5),`46.835(91`.5)`46.82(100)
DEC Sonny Alfman W8FHF							
Belmont	145.210-	x			147.420		
Coshocton	145.230-	x	147.045+	x	146.490		
Guernsey	146.850	91.5	147.00+	91.5	147.540		
Harrison	146.655-	114.8					
Jefferson	146.940	146.94-	x		147.480		
Monroe					147.270		
Morgan	147.195+	x			147.45		
Muskingum	146.610-	74.4	117.075+	91.5	146.43	PL 91.5	
Noble	117.285+	91.5			147.51		
Washington	146.88-	91.5	145.330-	x			
DISTRICT NUMBER TEN							
DEC Eric Jessen N8AUC							
Ashtabula	146.715-	141.3			146.415		
Cuyahoga	145.41-	110.9	146.76-	110.9	147.48		
Geauga	147.21+	110.9	147.255+	110.9	146.4		
Lake	147.210	110.9	147.255	110.9	146.4		
Lorain	146.626-	110.9	147.15+	110.9	146.415		

TAB – Q Point of Contact

Knox County Amateur Radio Emergency Service Roster			
Name	Call Sign	Email	Phone
Frank Counts	KC8EVS	fcounts@gmail.com	740-358-9131
Emery Bennett	W8TW	eabenn2002@hotmail.com	740-397-8127
Tom Evans	KD8HSA	Tom65@embarqmail.com	740-625-5138
Wayne Bower	KE8HWB	waynebower@basbroadcasting.com	740-501-0099
William Bradley	KC8BB	wljabradley@yahoo.com	740-504-0414
Barry Butz	N8PPF	N8ppf@mvarc.net	740-397-7540
Scott Keys	AC8PT	ac8pt@icloud.com	
Mike Liston	KE8ANP	bridgeday2009@gmail.com	419-606-6179
Russell Maroni		russell.maroni@kch.org	740-504-2520
Tony Spiegel	KC8UR	tony516@embarqmail.com	740-392-7586
Don Russell	W8PEN	w8pen@arrl.net	740-397-0249
Terry Windsor	KE8ANS	ke8ans@gmail.com	740-507-6329
Patrick Valentino	KD8PSM	pvalentinoknoxco@gmail.com	740-707-1100

TAB R Weather Net

Knox County ARES Severe Weather Net Script and Procedures, revised 8/15/2017

This is (your callsign) putting the repeater into net mode.

(Transmit the DTMF control tones to put the repeater into weather net mode. You will hear the announcement "File three load.")

My name is (your name and ARES title if any). I am net control for this Severe Weather Net of the Knox County ARES for (today's date). The alternate net station is (name and callsign). Are you there, (name)?

The National Weather Service has issued the following (warning, watch):

(Read the NWS message.)

Are there any reports of severe weather? We want reports ONLY for

- **Hail 1/2 inch or larger or covering the ground.**
- **Trees uprooted or downed, large healthy limbs downed (3" or larger).**
- **Wind or other storm damage to buildings etc. winds greater than 50 MPH.**
- **Tornadoes, wall clouds, funnel clouds or persistent cloud rotation.**
- **Rainfall greater than 1 inch per hour or less (measured).**
- **Flooding that poses a hazard and where it doesn't normally occur.**
- **Flooding that results in evacuations or rescues.**
- **Roads closed due to high water.**
- **Do not report lightning**

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*(If the weather threat is **not immediate**, go through a check-in. **If the threat is immediate, defer any check-ins until after the threat has passed.)***

1. (Establish a liaison with the Central Ohio Severe Weather Net if they are active. Then ask the liaison to relay reports of Severe Weather as they are reported to us.)

2. (Give a current weather report from the NWS about every15 minutes or as the situation develops.)

3. (Have someone relay any emergency situations to 9-1-1 for Knox County.)

All stations please check in now with the just the suffix of your call sign only - that's the letters following the numeral - in ITU phonetics; no other information at this time. Over. *(Log and acknowledge all suffixes heard. Say "I have XX, YYY, and Z, any others?" Do not hesitate to ask the net to "stand by" or say "net hold" if you have trouble copying a station, need to sort out stations who double, or if check-ins are too fast for you to log. If you do say "net stand by" or "net hold," let up on the mic button to make sure you are not doubling with someone else, and that you have control of the net. Then sort out what you need to and proceed with more check-ins. When no further stations check in, and all stations have been acknowledged, proceed.)*

When I call your suffix, please come back with your full call sign in ITU phonetics, your name, and if you are in Knox County, your general location (NE, SW, S, Central, etc.). If you are outside of Knox County, just give your county name. No other information at this time, please. Just call sign, name and what part of the county you're in. *(Start at the top of the list, call out a suffix, and log the station's full call sign, name, and location. When you get to the bottom of the list, ask if there are any further check-ins, suffix only. Log and acknowledge them. Then go back to those stations and get their full call signs, names, and locations).*

Is there any emergency or priority traffic? Are there any reports of severe weather?

(Wait for traffic for 5-10 seconds after the repeater carrier drops. If a station has traffic, log and acknowledge it by repeating the station call sign and the traffic's intended destination. For example, "I have KC8XXX with 1 for KD8YYY" or "I have KC8XXX with 2 for Newark." After acknowledging any traffic, ask if there are any stations on the net that can handle it, and take care of it immediately. Proceed with the net.)

This is a directed net and it is important for net control to know who is

participating and available at all times. During an emergency, if you must leave the net, permission to do so must be requested of and granted by net control. During all nets, please make use of the appropriate break tags as noted in the Standard Operating Procedures.

I will now do a roll call. *(Go down your check-in list and call for each station.)*

I will now take any final check-ins or stations with questions or comments for the net. Please call now. *(Log and acknowledge any final check-ins, ask them for their comments or any questions. Proceed to close the net.)*

This is (your callsign), net control for this session of the Knox County ARES net. I would like to thank all stations that checked in tonight for their participation and support. I would like to thank my alternate net station (name and call sign). (Name,) how many check-ins did you count? *(Reconcile the total.)*

ARES thanks the Newark Amateur Radio Association for the use of their repeater for the operation of this net. All stations may now secure. This net is closed at (time) local time. I will now tone the repeater. *(Transmit the control tones to take the repeater out of net mode. You will hear the announcement "File one load." Then sign off.)* **This is (your callsign) clear and returning the frequency to general amateur use. 73.**

FINAL TASK: EMAIL THE LOG WITH TOTAL COUNT TO pvallentinoknoxco@gmail.com