AARC Board and General Meeting Minutes
October 11, 2022

Board Meeting conducted in person and via Zoom at 6:30 PM

Board Attendees:

Ed Berkowitz N3US
John Porter KK4JP
Jim Owen K4CGY
Dave Damon K4DND
Bob Pattison K4DU
Ian Callahan KN4TBG - via Zoom

Non Board members:
Mike KQ9P
Bob AK4BR

Awards Program for 2022: we will conduct Awards program similar to last year but in addition, we will provide members a summary of 2022 Club accomplishments.

Elections coming up: Bob K4DU and Dave K4DND will be members of nominating committee. We will seek other members. Bob emphasized that we should not modify bylaws to eliminate term limits for any office as we want to encourage new "blood" into our officer corps.

Possible Club Scholarship via ARRL in amount of $2000 to honor W2HD. There was a lively discussion on this subject and not all Board members approved of this idea.

General Meeting:

Meeting started at 7 PM by Ed Berkowitz, Acting President.

Introductions Done

Treasurers Report, Larry Eicher not here.

Balance end of September: $33585

Vote to admit 2 new members:
1. KX4ZE Regular member
2. Alana Tuerk, Associate member, daughter of licensed ham, preparing for exam

Bob Romanko on Apple Harvest Festival.
One of largest attended Scout events in recent memory.
AARC had two members there including Bob Romanko and Leroy Caudill   Over 800 scouts and leaders. 44th year of Festival.
Bob printed alphabet as morse code on card stock. Had tables in enclosure.
Used TS140S using key for morse code and did cw morse code demos for scouts participation. Received very positive feedback from scouts. Had a great time.

Ian not here so no raffle tonight. Ed has some old ARRL publications and sold two books for ten dollars.

Presentations by Mike McPherson, KQ9P on AUXCOMM and Fox Hunt.
AUXCOMM presentation.

Highlights: Albermarle/Charlottesville/UVA ARES and Auxiliary Communications (AUXCOMM) Update.

See attached for details on above.

Meeting adjourned at 8:30 PM

Respectfully submitted,

Stephen Kramer Secretary

Attendees for 10/11/22
14 in-person:

Bob Romanko   AK4BR
Joe Thompson   KN4WJK
Dave Beeke   K4UEK
Dave Thomas   WD3O
Mike McPherson   KQ9P
Carolyn McPherson xyl of KQ9P
Jim Owen   K4CGY
Bob Pattison   K4DU
Ben Casto   NX4S
Elden Liu   N8EVR
Joe DeVincentis   KO8V
Ed Berkowitz   N3US
John Porter   KK4JP
William Stewart   Guest

Zoom attendees:
13 Zoom

Ian Callahan   KN4TBG
Frank Haynes   W4NUA
Wynn Solomon   AI4MV
Ken Kellermann   K2AOE
Michael Rein   KA4JJD
Scott
Joe Greenberg   KJ4PE
Michael Ellington KN4BFB
Warren Yursik   KN4LYF
Sara Townsley   KO4UPF
Ben Kidd   KG4EIF
Ron Richey   K4RKA
Bill Phillips   AD6JV

AMATEUR RADIO TRANSMITTER HUNTING (FOX HUNTING)

MIKE MCPHERSON, KQ9P

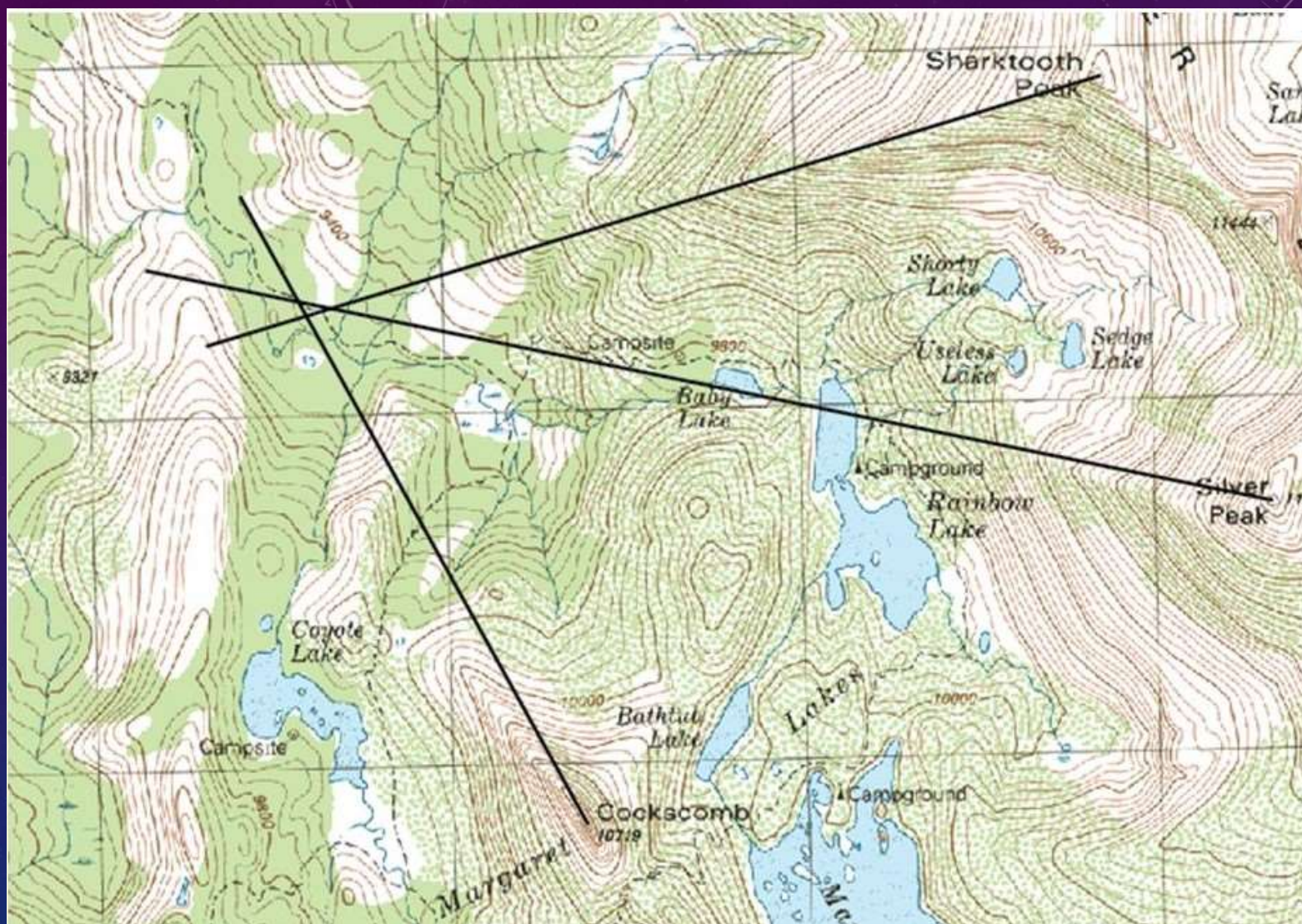11 OCTOBER 2022

AARC FOX HUNT

- Saturday, 22 October 2022, 10am start
- Meet in the Hollymead Town Center parking lot in front of Starbucks no later than 9:45am
  - Get caffeine!
  - Last-minute announcements
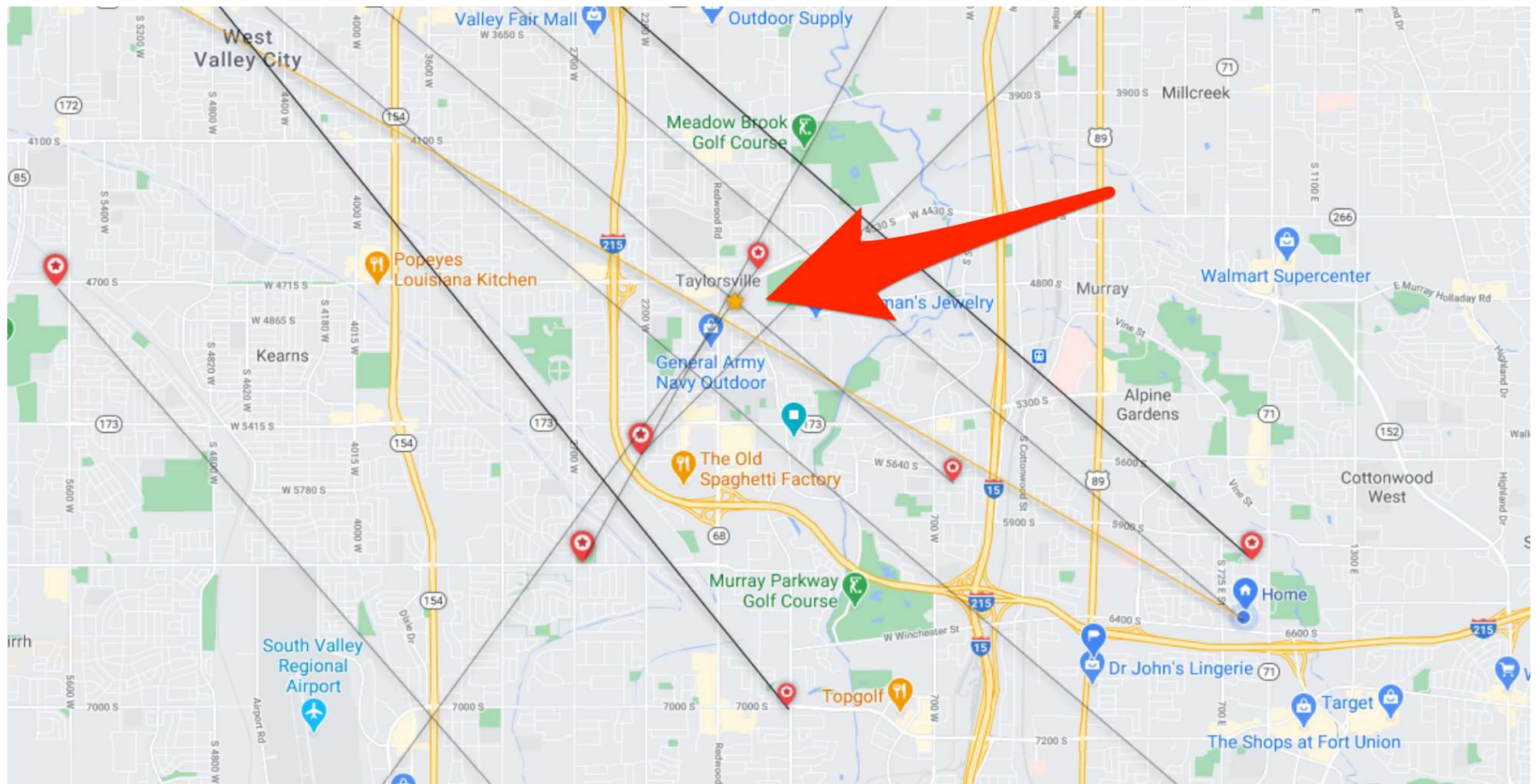- Teams start every three minutes
- PRIZES!

HIGHLY INFORMATIVE VIDEO ON FOX
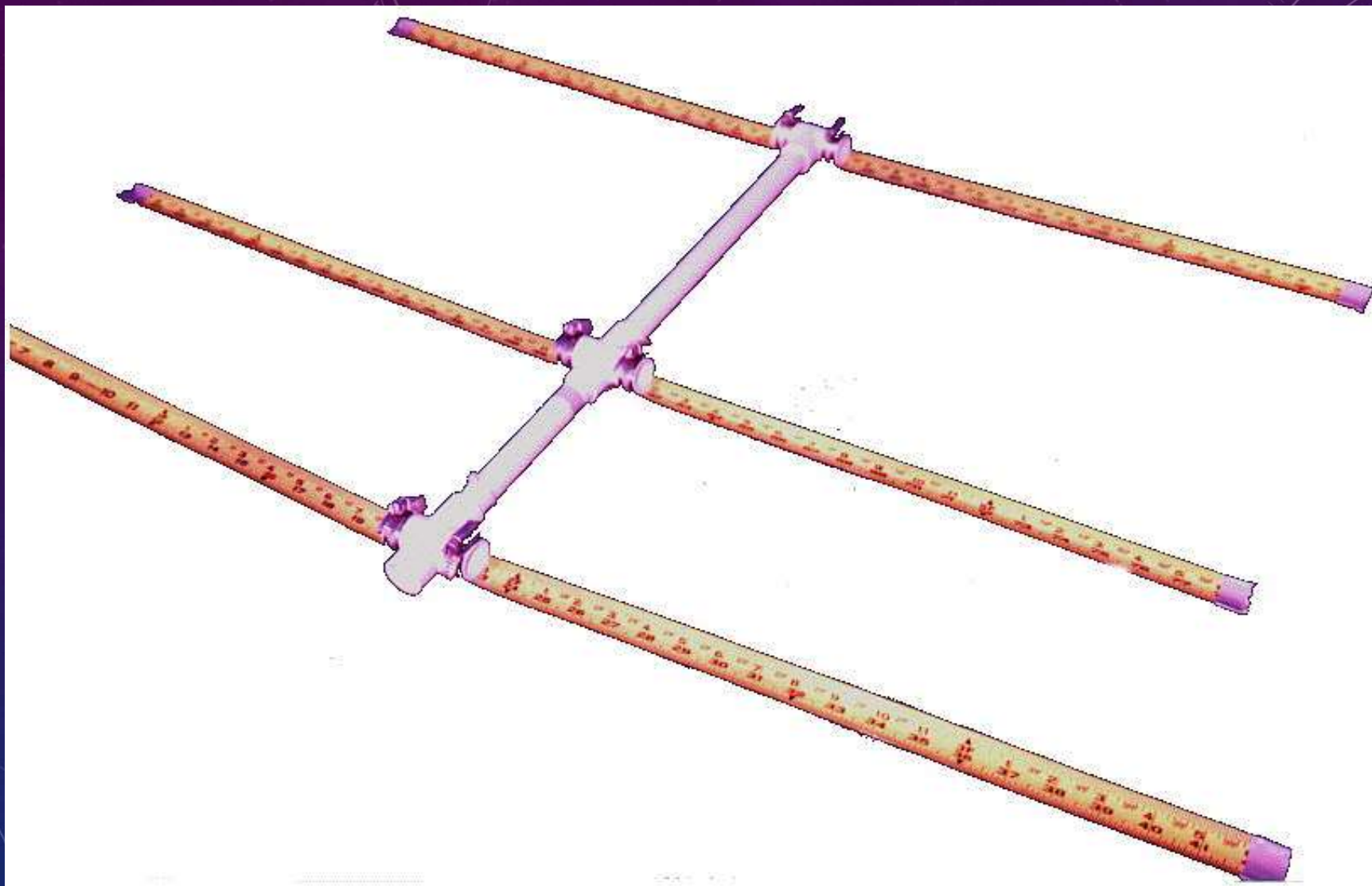HUNTING

https://youtu.be/ZLz5i94zRnE

WHAT IS FOX HUNTING?

Use radio direction-finding and orienteering techniques to find a source of RF emissions, such as a hidden transmitter, jammer, or RFI source.
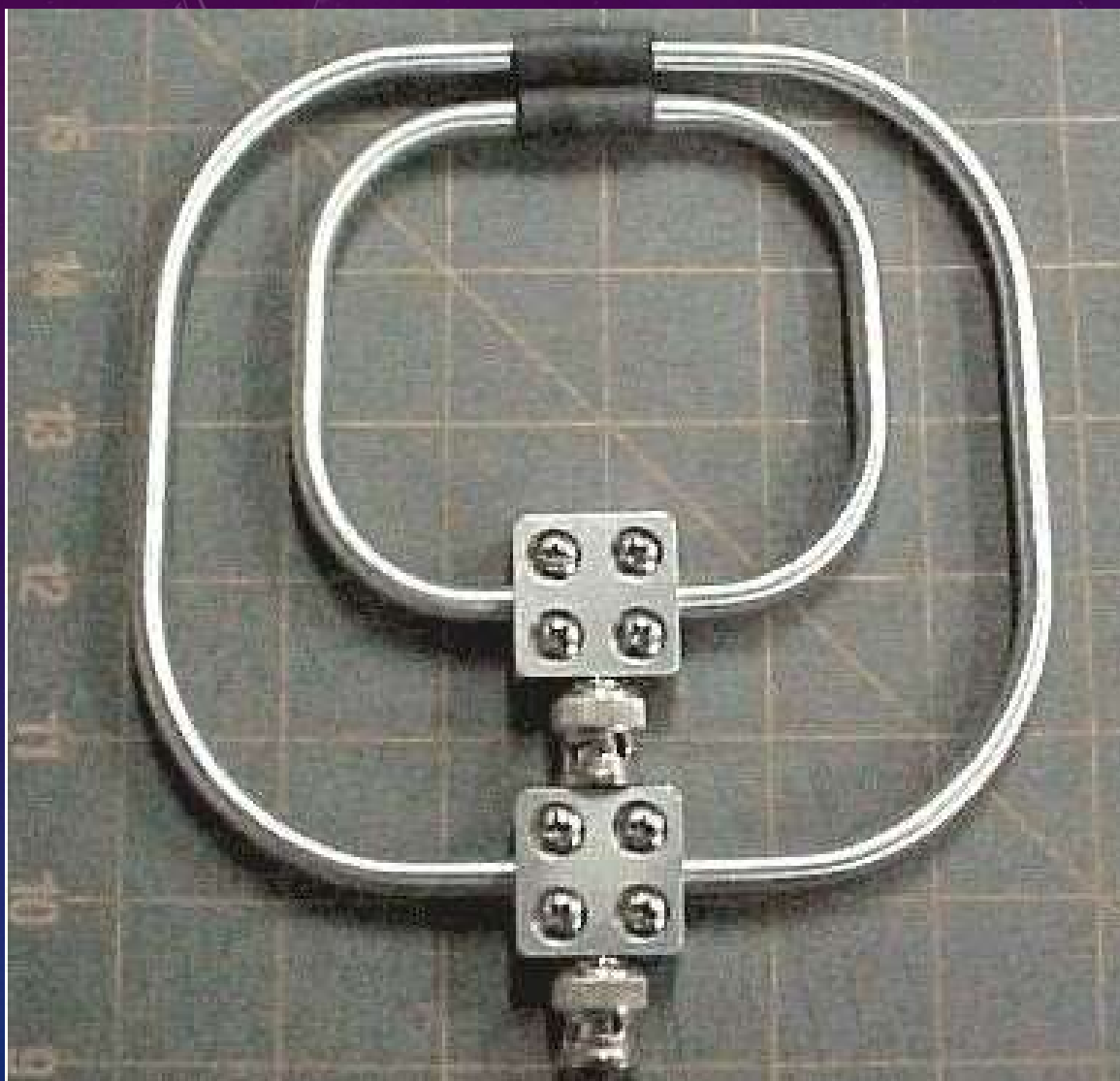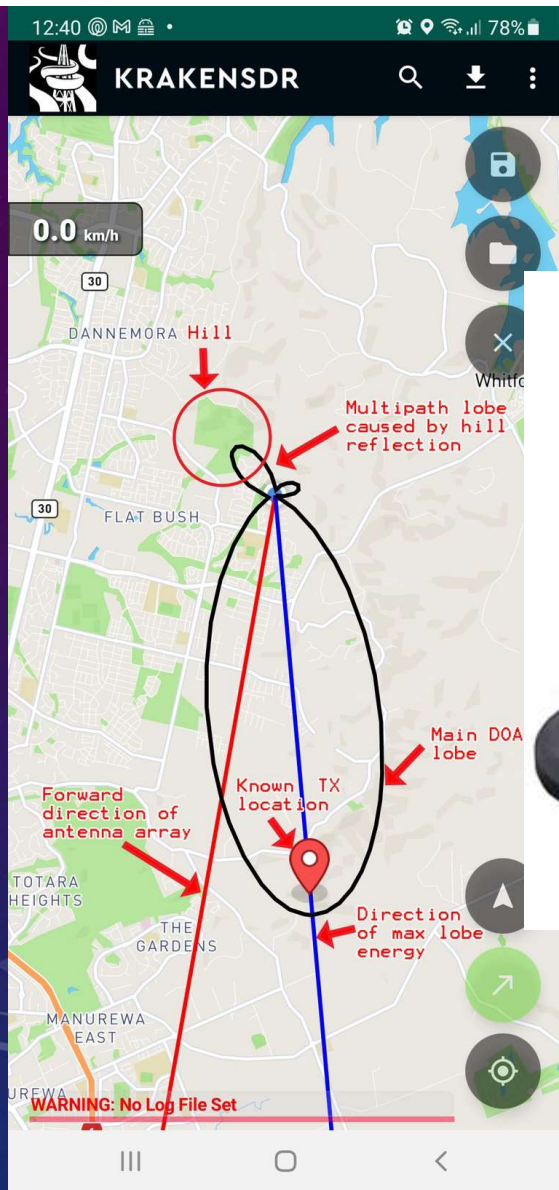
KRAKENSDR

12:40 · 78%

0.0 km/h

DANNEMORA Hill

Multipath lobe
caused by hill
reflection

FLAT BUSH

Main DOA
lobe

Forward
direction of
antenna array

Known TX
location

Direction
of max lobe
energy

TOTARA
HEIGHTS

THE
GARDENS

MANUREWA
EAST

WARNING: No Log File Set

KRAKENSDR

12:51 · 91%

0.6 km/h

DWICK
ARK

Popes Rd

Mill Rd

Airfield

Log File: redoubt360.csv

AARC FOX HUNT

- Saturday, 22 October 2022, 10am start
- Meet in the Hollymead Town Center parking lot in front of Starbucks no later than 9:45am
- PRIZES!

Albemarle/Charlottesville/UVA ARES® and Auxiliary Communications (AUXCOMM) Update
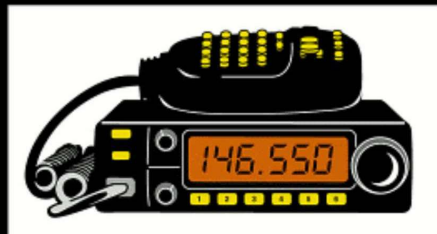
MIKE MCPHERSON, KQ9P
11 OCTOBER 2022

Amateur radio is a hobby.

Emergency communications is not!

NIMS and ICS

- The Incident Command System (ICS) was developed in the 1970's to coordinate wildfire fighting efforts in California.

- The National Incident Management System (NIMS) was created in the wake of 9/11 to generalize and extend ICS for any incident anywhere.

- Public safety and emergency management agencies are required to implement NIMS/ICS to be eligible for federal funding…
  - So virtually everyone operates under NIMS/ICS

NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) AND INCIDENT COMMAND SYSTEM (ICS)
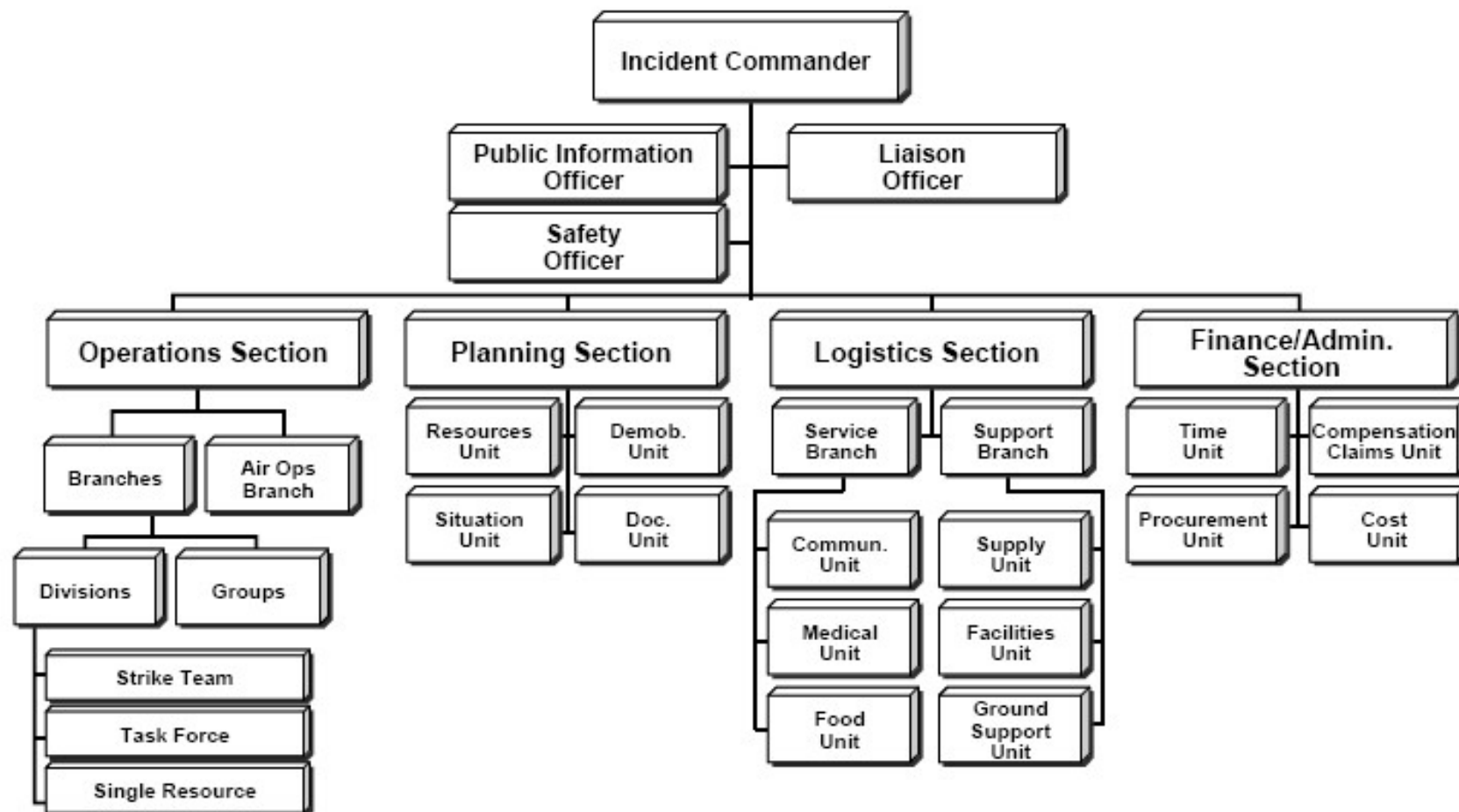
- Common terminology
- Modular organization
- Management by objectives
- Incident action planning
- Manageable span of control
- Incident facilities and locations
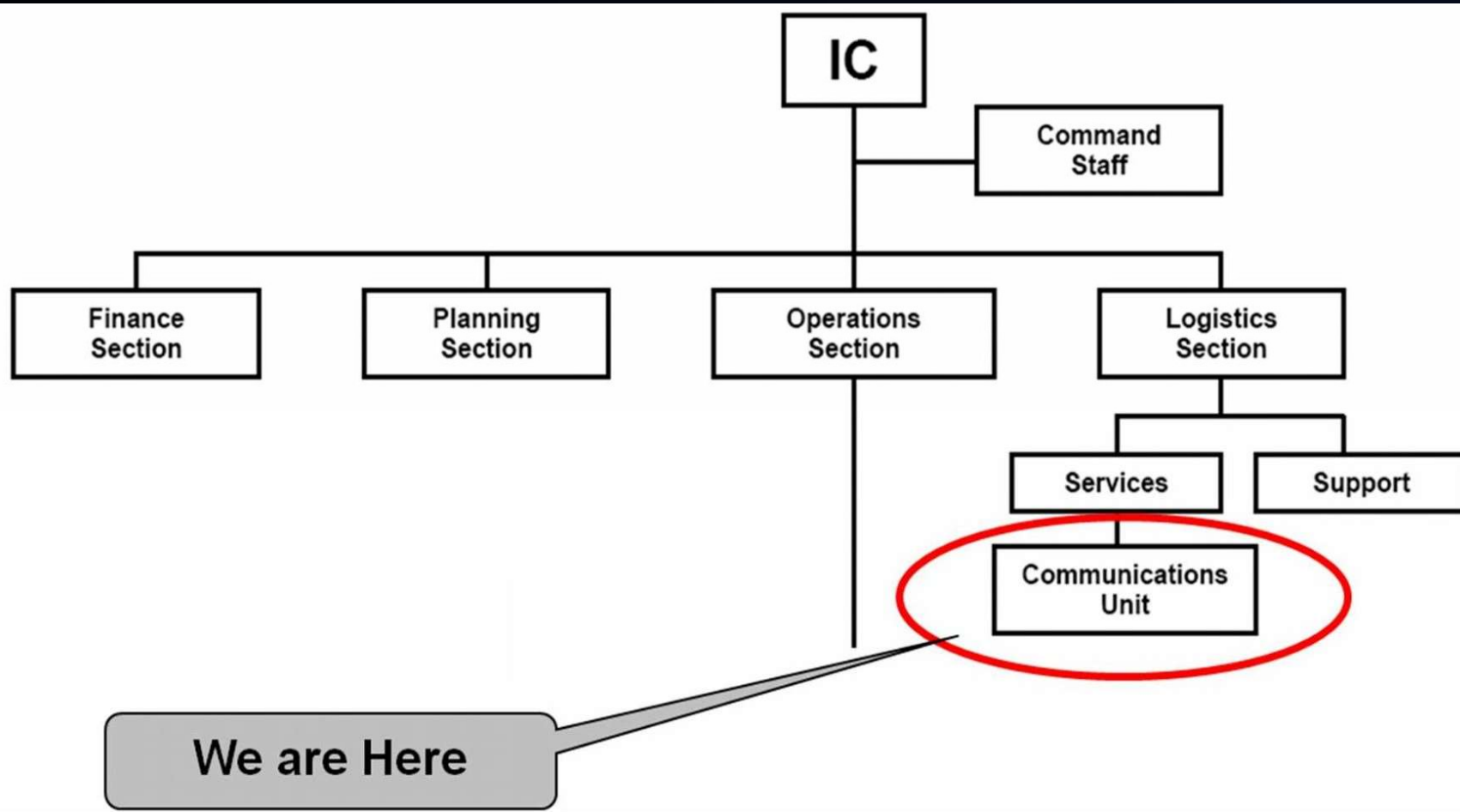- Comprehensive resource management

NATIONAL INCIDENT MANAGEMENT SYSTEM (NIMS) AND INCIDENT COMMAND SYSTEM (ICS)

- Integrated communications

- Establishment and transfer of command

- Unified command

- Chain of command and unity of command

- Accountability

- Dispatch/deployment

- Information and intelligence management

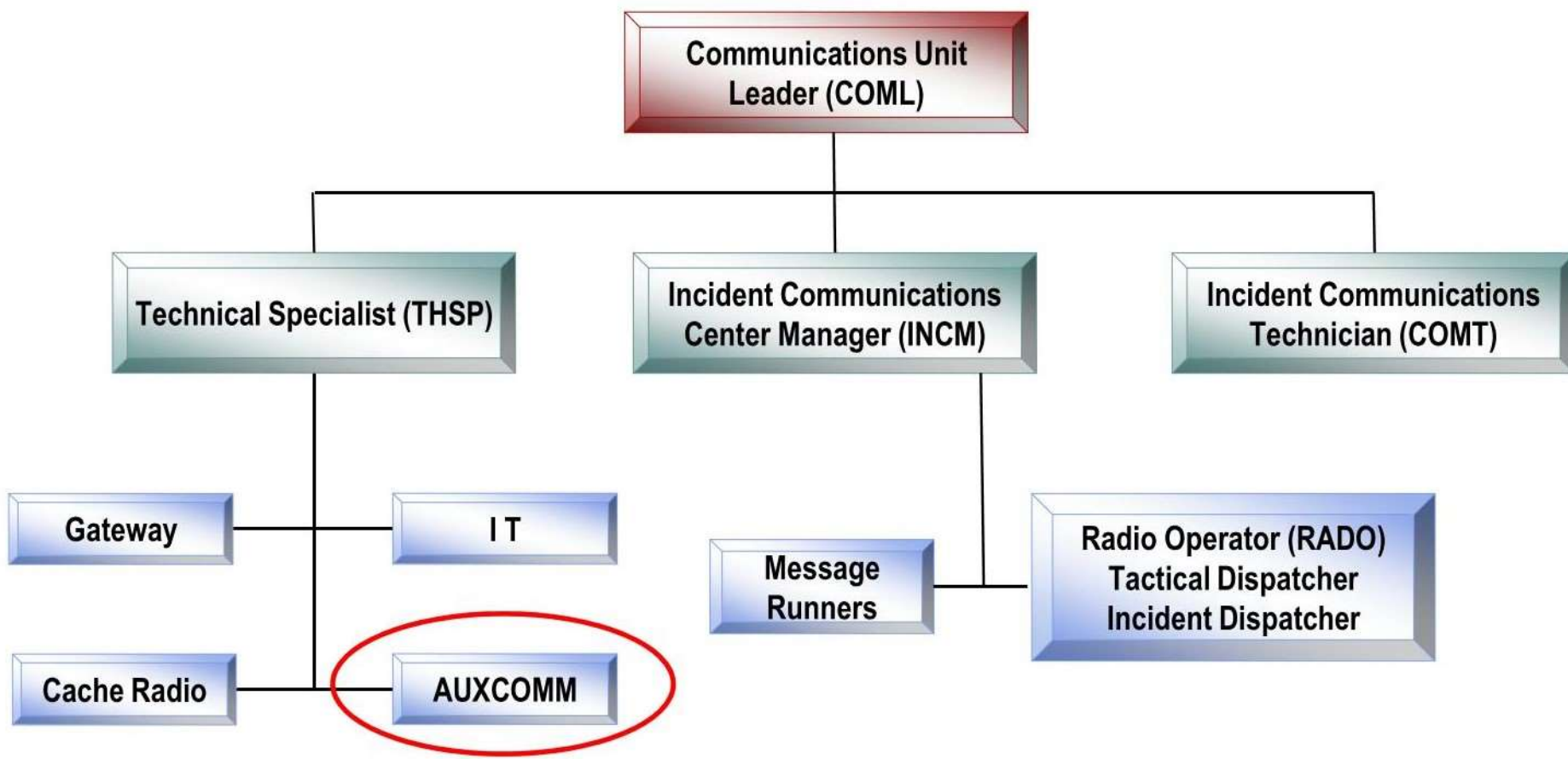# Incident Command System (ICS) Structure

Incident Command System (ICS) Structure

Incident Command System (ICS) Structure

ARES® POSITION TASK BOOK (PTB)

ARES® Level 1

TASK	R-O-E	COMPLETION DATE	EC Sign Off
Education			
IS-100.c- Intro to Incident Command System*	O	14 Dec 2017	
IS-700.b Introduction to National Incident Mgt. System*	O	01 Mar 2018	
SKYWARN – Spotter Basic Training (Biennially)	O	30 Apr 2017	
ARRL EC-001 Introduction to Emergency Communications	O	25 Jun 2013	
Comment: *Sets initial baseline requirements. Will likely be insufficient for deployment at an incident.			
Participation			
Obtain Task Book	R	1 Sep 2022	
Join an ARES® group	R	19 Apr 2013	
Comment:			
Proficiency/Skill			
Obtain Technician class or higher Amateur Radio License	R	28 Mar 2013	
Comment:			

IS-200.c – ICS for Single Resource*	R	17 Mar 2018	
IS-700.b – Introduction to National Incident Mgt. System*	R	01 Mar 2018	
IS-800.c – National Response Framework*	R	17 Mar 2018	
ARRL EC-001 Intro to Emergency Communications	R	25 Jun 2013	
SKYWARN Spotter Basic Training (Biennially)	O	30 Apr 2017	

Comment: *These should be considered as meeting the minimum requirements for deployment at an Incident. Local EMA authorities may require additional training.

Participation

Net Participation (Once per Quarter)	R	1 Sep 2022	
Public Service Event Participation	O	14 May 2022	
Simulated Emergency Test or Exercise Participation (Annually)	O	10 Aug 2021	
Serve as Net Control	O	4 Aug 2022	

Comment: Weekly ARES net, in regular NCS rotation

Proficiency/Skill

Program tone into HT	R	21 Aug 2022	
Program frequency & offset into radio	R	21 Aug 2022	
Write and send an ICS-213 message	R	24 Aug 2022	
Operate VHF Digital messaging station	O	24 Aug 2022	
Operate unit specific Digital VHF or HF station	O	24 Aug 2022	
Build a simple dipole antenna**	E	various	
Build Powerpole® adapter cable**	E	various	

ARES® Level 3

Education			
IS-120.c - An Introduction to Exercises*	R	1 Sep 2022	*signature*
IS-230.d - Fundamentals of Emergency Management*	R		
IS-235.c - Emergency Planning*	R		
IS-240.b - Leadership & Influence*	R		
IS-241.b - Decision Making & Problem Solving*	R		
IS-242.b - Effective Communications*	R		
IS-244.b - Developing & Managing Volunteers*	R		
IS-288.a – Role of Voluntary organizations in Emergency Mgt*.	R		
IS-2200 - Basic Emergency Operations Center Functions*	R		
ARRL EC-016 Public Service & Emergency Communications Mgt*	R		
SKYWARN Advanced Training Class (Biennially)	O		
PR-101 – Public Information Officer Training (EC-015)	O		
AUXCOM Course	O	12 Aug 2021	*signature*
ICS-300 - Incident Command System for Expanding Incidents**	O	27 Jun 2018	*signature*
ICS -400 - Advanced Incident Command System**	O		

ARES® Level 3

Participation

Net Participation (Once per Quarter)	R	1 Sep 2022	*(signature)*
Public Service Event Participation (Annually)	R	14 May 2022	*(signature)*
Simulated Emergency Test or Exercise Participation (Bi-Annually)	R	10 Aug 2021	*(signature)*
Serve as Net Control	R	4 Aug 2022	*(signature)*

Comment: Weekly ARES net, in regular NCS rotation

Leadership

Present a training session	R	24 Aug 2022	*(signature)*
Hold/held a leadership position in a group	R	ongoing	
Hold a General Class License or higher	O	28 Mar 2013	*(signature)*
Participate in PIO activities (PR-101 Qualifies)	R		
EC-001 Course Instructor/Mentor	O		

ARES® Level 3

Proficiency/Skill			
Proficient in using ICS forms	R	24 Aug 2022	
Operate VHF Digital messaging station in Peer-to-peer mode	R	24 Aug 2022	
Operate HF Digital Mode Messaging Station	R	24 Aug 2022	
Program Tone into HT	R	21 Aug 2022	
Program frequency & offset into radio	R	21 Aug 2022	
Demonstrate cross band repeat on Mobile Radio (UHF→VHF)	O	7 May 2022	

AUXCOMM AUXILIARY COMMUNICATOR (AUXC) POSITION TASK BOOK

- Much more comprehensive – 22 pages

- Completed through a combination of testing, oral exam, and performance during exercises and deployments

Position Task Book (PTB) for the Position of:

**AUXILIARY COMMUNICATOR
(AUXC)**

POSITION TASK BOOK ASSIGNED TO:	
TRAINEE'S NAME:	
AGENCY NAME:	
PHONE NUMBER:	
E-MAIL:	
POSITION TASK BOOK INITIATED BY:	
OFFICIAL'S NAME:	
TITLE:	
AGENCY NAME:	
PHONE NUMBER:	
E-MAIL:	
POSITION TASK BOOK WAS INITIATED:	
LOCATION:	
DATE:	

Version 1.2
October 2020

October 2020   1 | P a g e

ARES® OF ALBEMARLE/ CHARLOTTESVILLE/ UVA

- Our new ARRL Virginia Section leadership is very engaged and is committed to "professionalization" of ARES®.

- We are implementing ARES ® Position Task Books.

- For the past several years, we have been training and exercising 7-8 times per month to maintain and advance our skills and capabilities.

- And, we have a lot of fun!

ARES® OF ALBEMARLE/ CHARLOTTESVILLE/ UVA

- Portable, off-grid operations using batteries, solar, and generators

- VHF/UHF voice communication direct and through local repeaters

- HF long-distance and local (NVIS) voice and data

- Winlink radio email

- Two portable HF/VHF/UHF Winlink gateways, UHF voice repeater, GMRS voice repeater

- High-speed private wireless data network capable of carrying any traffic that can be carried on the Internet

ARES® OF ALBEMARLE/ CHARLOTTESVILLE/ UVA

- Portable Incident Area Network (IAN)

- Private Voice-over-IP (VoIP) telephone system built on the CVADN

- Portable cameras and live video streaming via the CVADN

- A suite of file sharing and text/voice/video conferencing services to support operations

- Members qualified to operate on the public safety trunk radio system when requested

- Adherence to interoperability standards supporting mutual aid among ARES® units at the regional and national levels

ALBEMARLE
AUXCOMM INC

- Virginia non-stock corporation, 501(c)(3) not-for-profit foundation

- Recruit and train credentialed Auxiliary Communicators (AUXC) for local, state, and national deployment

- Provide a path for those interested in a career in emergency communications

- Working with the state AUXCOMM group, develop a team of AUXCOMM instructors

ALBEMARLE AUXCOMM INC

- Build and operate infrastructure for Auxiliary Communications (AUXCOMM) to support local emergency management agencies

- Enter into MOUs to formalize relationships with other organizations

- Apply for grant funding to support these activities

- Participate in efforts to create a Virginia-wide AUXCOMM structure

WHAT'S NEXT?

- Recruitment: We need people ready to make a serious commitment. They don't have to be hams.

- State-level opportunities: We will be core participants in the Virginia AUXCOMM structure effort.

- Local engagement: Things have really changed over the past few years, and the pandemic has made it challenging to fully engage our local emergency management agencies in a conversation about the future.

Thanks! Questions?

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WWW.AUXCOMMALB.ORG