

443.300 – Plus offset (5 MHz), tone 67 Hz
145.430 – Minus offset (600 kHz), tone 67 Hz
146.460 – Plus offset (1 MHz), tone 67 Hz
146.685 – Minus offset (600 kHz) DMR



VE Testing Policies; test sessions begin at 6PM – just prior to the 7PM monthly meeting on the 3rd Tuesday of each month.



SMRA AMATEUR RADIO CLUB

WWW.N3TWT.ORG

ED OTTO, W3ETO PRESIDENT'S MESSAGE

TUESDAY 16 SEP 25 AT 7:00 PM
GENERAL SMRA MONTHLY MEMBERSHIP MEETING
ALSO STREAMED ON ZOOM

CALL TO ORDER

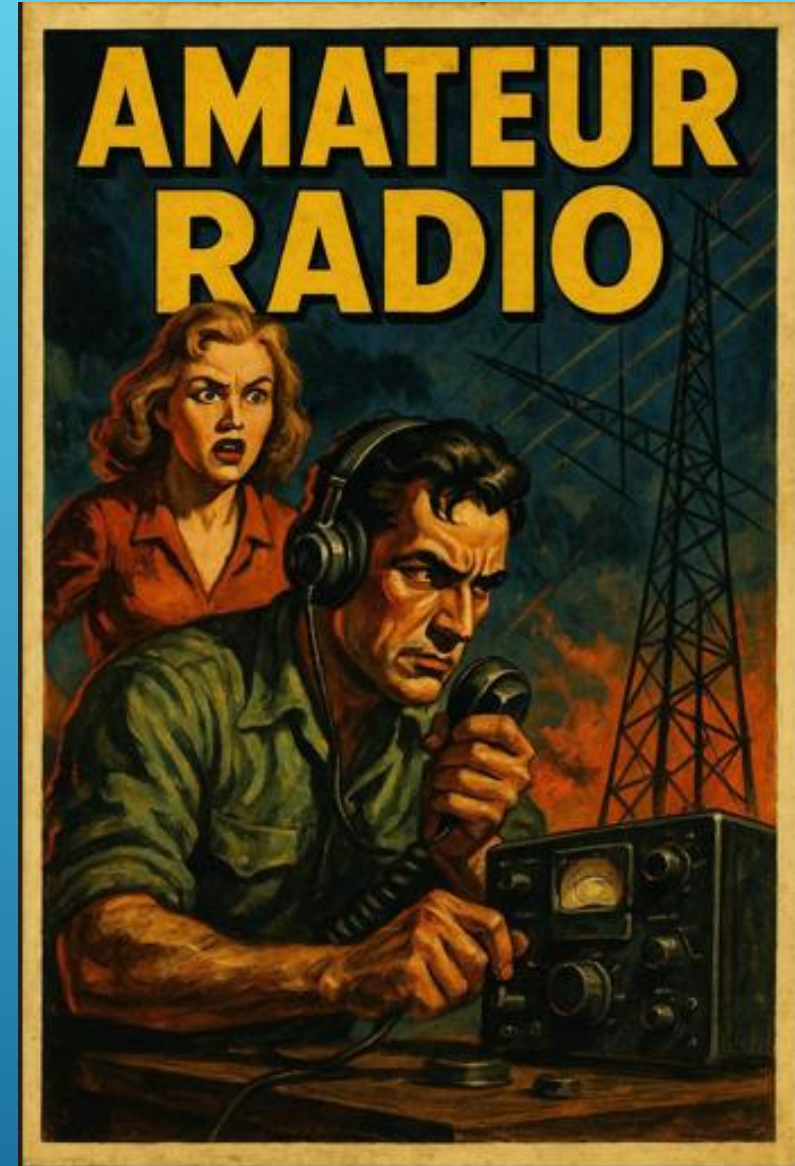
- ▶ Recognition of guests
- ▶ New member applications
- ▶ Acceptance of new members
- ▶ New Members: We use the message system Groups.io for communicating to members. You will see a request to join SMRA.Groups.io

**ME, WHEN MY FIRST EVER HF
CONTACT INSISTENTLY GOT MY
CALL WRONG AND THEN MOVED ON.**



TONIGHT:

- ▶ Presentation: Insuring you Ham Radio Equipment
- ▶ Future Presentations
- ▶ Shack-of-the-Month or Gadget of the Month
- ▶ Bike Events in 2025
- ▶ Special Event
- ▶ Fox Hunt Time
- ▶ Officers report
- ▶ Grant Update
- ▶ AMSAT Nets
- ▶ Used Equipment
- ▶ Announcements, Contests and Events
- ▶ Around the Room – as time permits



PRESENTATION:

Ham Equipment Insurance

By Jeff, W3JWK

AMATEUR RADIO INSURANCE

Jeffrey
W3JWK

SURVEY

What is Equipment Insurance?

- ▣ Protects your ham radio investments
- ▣ Homeowners/renters policies
- ▣ Specialty ham radio insurance providers
- ▣ Equipment-specific riders

Financial Protection

- ▣ Replaces or repairs gear if damaged or stolen
- ▣ Reduces out-of-pocket expenses
- ▣ Peace of mind during travel or field operations

Specialized Policies

- ▣ Some providers understand ham gear (e.g., ARRL insurance partners)
- ▣ Faster claims for specific equipment
- ▣ Tailored coverage for antennas, radios, accessories

Cost of Insurance

- ▣ Annual premiums may be costly for casual operators
- ▣ Deductibles can reduce value of small claims
- ▣ May not be cost-effective for inexpensive setups

Limited Coverage

- ▣ Homeowners policies might exclude hobby gear
- ▣ Damage due to negligence may not be covered
- ▣ Field operations or contests may not be insured

Alternative Options

- ▣ Secure storage and surge protectors
- ▣ Portable cases and gear tags
- ▣ Keeping detailed inventory and receipts
- ▣ Club insurance (for group-owned gear)

ARRL Insurance (AMBA)

- ▣ *The Ham Radio Equipment Protection Program gives you the coverage you need and has a low deductible of \$250 per claim. The Plan pays to replace your covered equipment when it's lost, damaged or stolen.*
- ▣ *PLUS, it even covers the cost of renting equipment to help you avoid losing income when you're waiting for new equipment.*

ARRL Insurance (AMBA)

Replacement Value	Annual Premium
Up to \$32,000	\$249
\$35,000	\$272
\$40,000	\$311
\$50,000	\$389
\$75,000	\$583
\$100,000	\$777

ARRL Insurance (AMBA)

- ▣ Is there coverage for equipment I am borrowing?
- ▣ When you borrow someone's equipment, then you must add the item to your policy and add the owner as a loss payee on your policy for that item. Then, if you lose or damage it, the policy covers the cost to repair or replace it.

Final Thoughts

- ▣ Insurance is worth considering if:
- ▣ You own high-value gear
- ▣ Operate in risky environments
- ▣ Want peace of mind
- ▣ But may not be essential for all operators

Questions?

2025 FUTURE PRESENTATIONS:

SMRA 2025 Meeting Presentations		
Presentation Topic / Title	Name	Call Sign
QSO Cards and the Process	Glenn Kurzenknabe	K3SWZ
Mounting Mobile radios in your Electric Vehicle.	Dick Goodman	WA3USG
Planning your first home station	Brendan McGowen	KC3VEB
How to buy gear at a Hamfest	Glenn Kurzenknabe	K3SWZ
Getting started in POTA	Rick King	K3RTK
What can you DO with DMR Locally	Paul Harig	W3PTH
JS8Call for Preparedness	Rick Stoner	KC3DRU
PA QSO Party	Glenn Kurzenknabe	K3SWZ
Insurance on Ham Radios and Equipment	Jeff Kisner	W3JWK
Using RigExpert Stick 230 Analyzer and Software	Jack Himes	NC3O
APRS - Tips & Tricks	Rick Stoner	KC3DRU
Grid Tracker & FT8	Ed Otto	K3ETO

2025 PRESENTATIONS:

SMRA 2026 Meeting Presentations			
Table2 			
 Meeting Date	Presentation Topic / Title	Name	Call Sign
1/20/2026	Surface Mount Components	Jeff Orner	W3JKO
2/17/2026	Testing a Yagi/directional Antenna	Hugh Irwin	K3ECT
3/17/2026	Hexbeam Antennas	Jerry Sodus	KM3K
4/21/2026	Winlink related (Awaiting reply)	Paul Harig ?	W3PTH
5/19/2026			
6/16/2026			
7/21/2026			
8/18/2026			
9/22/2026			
10/20/2026			
11/17/2026			
12/15/2026			

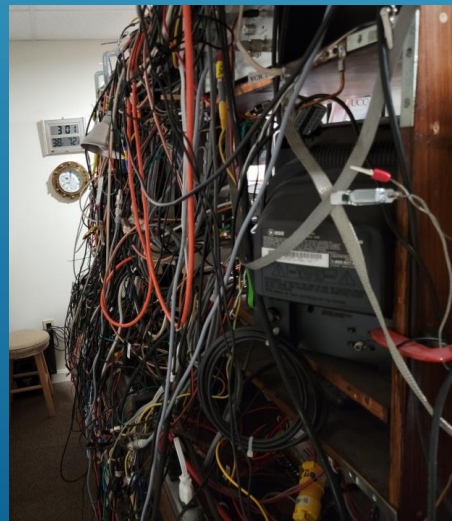
PRESENTATION:

Future Presentations?

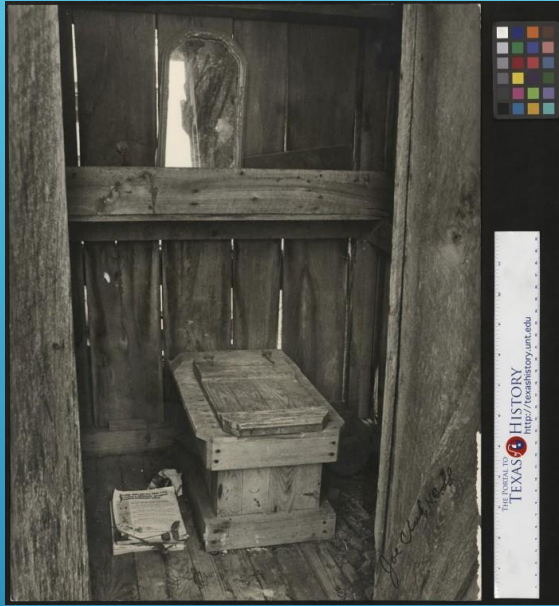
- Vote for what you'd like to see presented
- <https://forms.gle/yCKzd2y5b1E9vVY69>
- Volunteer to present
- Research that unknown topic and present it! Best way to learn
- Rick Stoner –KC3DRU helping coordinate

The Shack of the Month

- ▶ Can be **simple** or **complex**
- ▶ Gives members ideas on building or modifying their shack
- ▶ Volunteer!!
- ▶ Just send me a few photos to put into the monthly presentation.
- ▶ Discuss it at the meeting.



SHACK OF THE MONTH – HUGH K3ECT



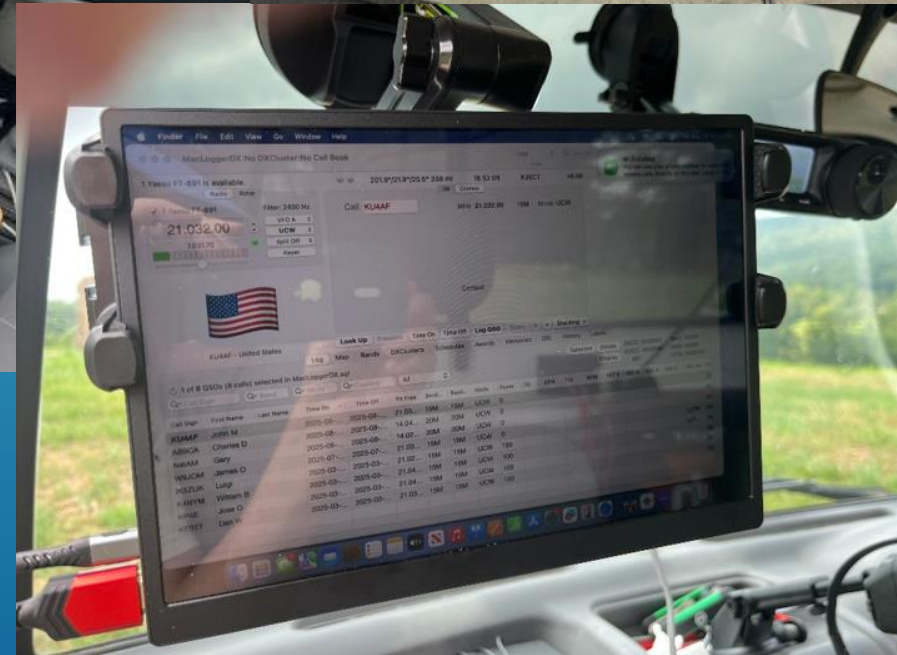
SHACK OF THE MONTH – HUGH K3ECT



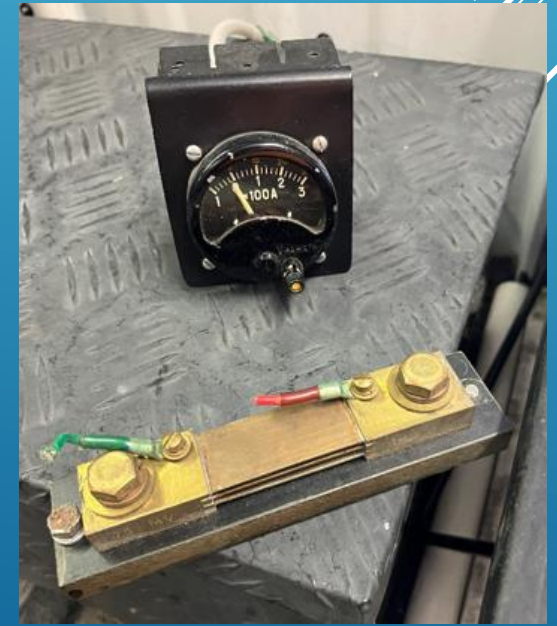
27

9/17/2025

SHACK OF THE MONTH – HUGH K3ECT



SHACK OF THE MONTH – HUGH K3ECT



2025 BIKE RACES:

- ▶ 7 September – Last of the Year
- ▶ How did it go?



SPECIAL EVENT – SEAN, KC3WYX:

Army Expo '25 Special Event

DATE: September 13-14, 09:00 to 17:00 each day

LOCATION: US Army Heritage & Education Center, Carlisle, PA

SMRA Area:

Get on the Air (GOTA)

Digital (FT8, etc.)

QRP/Parks on the Air (POTA)

ACS/EMCOMM/ARES



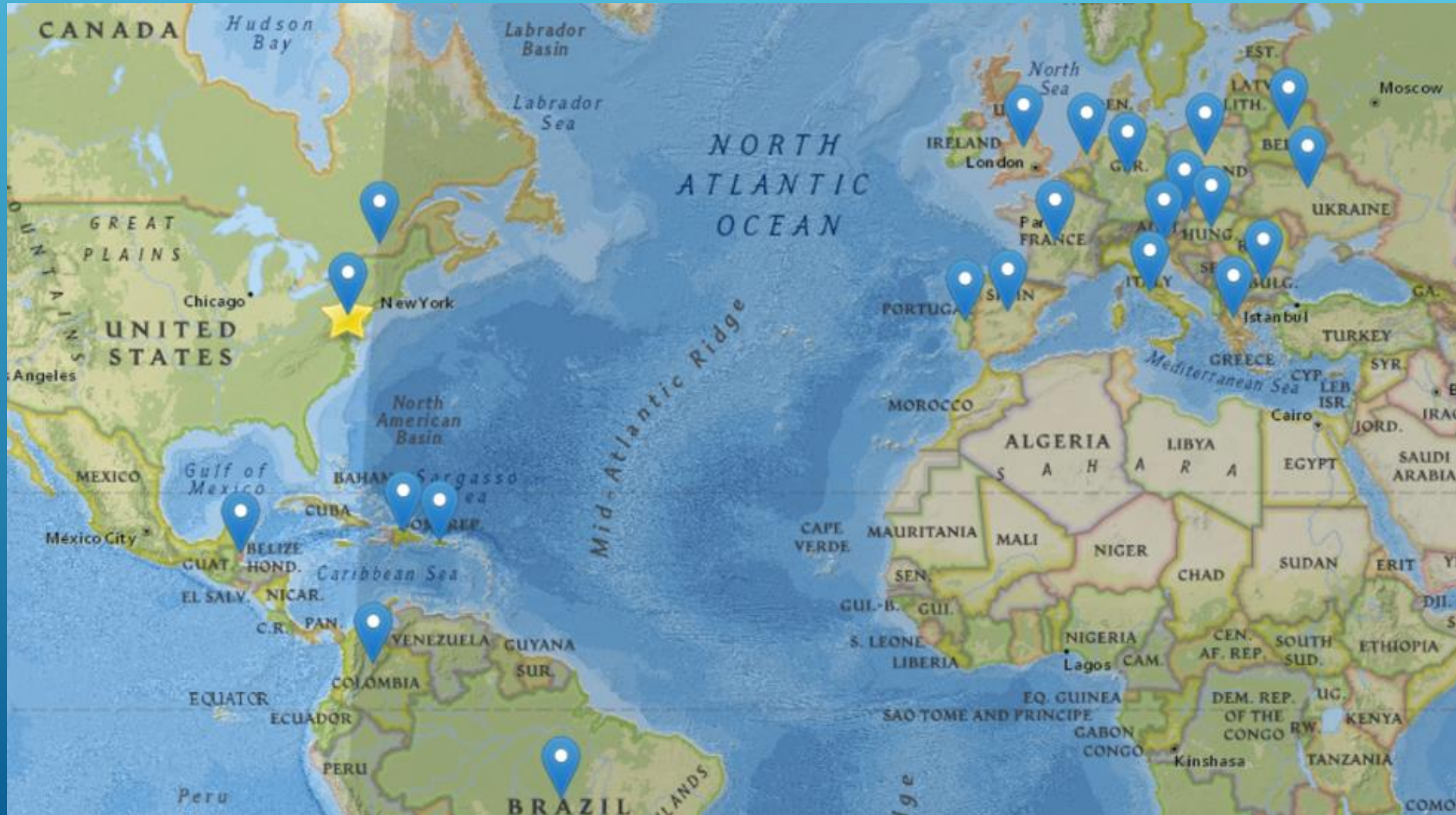
SPECIAL EVENT STATION:



SPECIAL EVENT – SEAN, KC3WYX:

Army Expo '25 Special Event

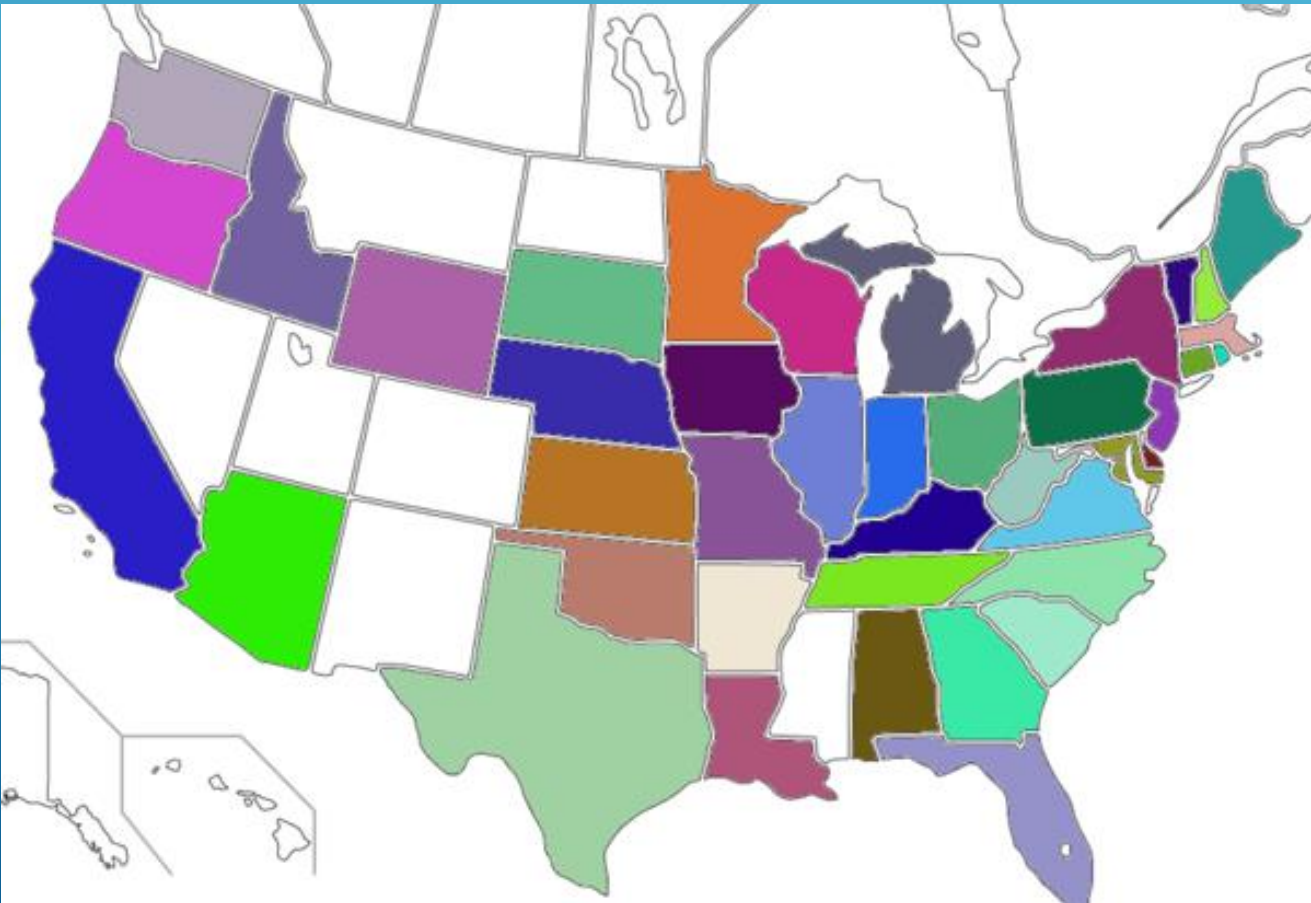
- ~300 Contacts!



SPECIAL EVENT – SEAN, KC3WYX:

Army Expo '25 Special Event

- ~300 Contacts!



Reset	View Map	States		Cont		CQ Z	
Power	Worked	41	Rem	9	Worked	3	Worked
☐ QSL Received	AL		AK		EU		03
☒ List only current entities	AR		CO		NA		04
	AZ		HI		SA		05
	CA		MS				07
	CT		MT				08
	DE		ND				09
	FL		NM				11
	GA		NV				14
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	IL						20
for more detail. Click the aining headers to copy the list clipboard.							
Counties							Cour
0	Remaining	3077	View Worked Map				Worked
							22
	AK 1st (SE)		Austria				
	AK 2nd (NW)		Belarus				
	AK 3rd (SC)		Belize				
	AK 4th (C)		Brazil				
	AL Autauga		Bulgaria				
	AL Baldwin		Canada				
	AL Barbour		Colombia				
	AL Bibb		Dominican Republic				
	AL Blount		England				
	AL Bullock		Federal Republic of Germany				
	AL Butler		France				
	AL Calhoun		Greece				
	AL Chambers		Hungary				
	AL Cherokee		Italy				
	AL Chilton		Netherlands				
	AL Choctaw		Poland				
	AL Clarke		Portugal				
	AL Clay		Puerto Rico				
	AL Cleburne		Slovenia				

NEW SMRA NETS:

- ▶ 1) **Monday Night Net** – Test your Radio, Get Club info
- ▶ 2) **The Elmer TechNet** on Monday Nights following our Net
 - ▶ Ask Questions and discuss radio
 - ▶ Looking for volunteers to help host the net – rotating hosts
- ▶ 3) **Digital Net** on Sunday Nights 1900-2100
 - ▶ **Suspended until fall – resumes very soon!**
 - ▶ SMRA .43 Repeater on alternating weeks with York Club Repeater
 - ▶ York Repeater – 146.970, -6KHz (tone 127.3 (better coverage) or 123



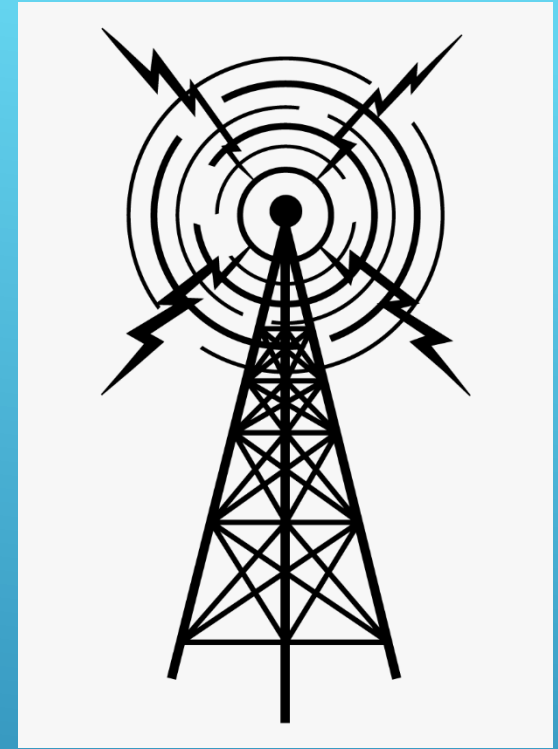
FOX HUNT UPDATE:

- ▶ Time to finish up those directional antennas-- It's **FOX HUNTING**
 - ▶ Breakfast at Brothers 0830
 - ▶ 20 SEP 25 @ ~0915 from the parking lot
- ▶ 2 Transmitters 70cm and 2m same secret location
- ▶ Prize for the one who finds it the quickest!



MONDAY NIGHT NETS:

- Seeing an Increased usage of the Monday Night Nets:
 - It's Working!! Let's keep it up – Have some Traffic to make it interesting for all!
 - Try contacting repeaters with Different modes and tell us what your are trying
 - Using **Echolink** as a backup from a Cell phone Craig improved Echolink on .43 - Give it a try!
 - Use and HT or Mobile rig from a different location
 - Different antenna
 - Remote power
 - Cross Band Repeat from an HT
- ARRL Audio News will air at 2010 before the 2030 Monday Net



OFFICER REPORTS

- **Secretary** – Paul W3PTH
- **Treasurer** – Mike K3ESQ
- **VP** – Jeff W3JWK
- **Membership** – Tracey WE3H
- **PAIO** – Brendan KC3VEB



COMMITTEE REPORTS :

▶ **Nets**

- ▶ **Weekly Check-in NET** (Monday 8:10PM/8:30PM) – Bob N3ACP - .43 Repeater
- ▶ **Elmer TechNet** (Monday ~2100-2200) -Ed W3ETO
- ▶ **Digital Net** – (Sunday Night - 1900-2100-Dick WA3USG [alternating York and SMRA Repeaters] **Coming back soon.**
- ▶ **ARES/ACS** - Paul W3PTH– Second Thursday of the Month @1900
- ▶ **Meet the Mentor** – MTM – a great resource for new HAMs - John W3HMS – First Tuesday of the Month @ 1900
- ▶ **HAM Breakfast** – 2nd Saturday of the Month @0830 Brother's in Mechanicsburg – Exception – 20 Sep (Fox Hunt)
- ▶ **QRP Outings** – Per Schedule

SMRA Grant Request

Submission Deadline: September 2, 2025

Status: **Submitted**

Grant written to support:

Technician Classes (4 courses/yr for 2 years)

HF Capability for EOC

Upgrade of VHF/UHF at EOC w/DMR

Laptops for WinLink, other digital modes

Classes being planned to start in:

October (EOC Training Room, Carlisle)

January/February (Bosler Memorial Library, Carlisle)

May (Cleve J. Fredricksen Library, Camp Hill)

Volunteers needed for:

Education & Training Committee

Technician Class Instructors (All areas)



CUMBERLAND COUNTY
Pennsylvania



Empowering the future
of amateur radio and
digital communications

SMRA TECHNICIAN CLASSES

➤ 4 OCT 25



Free Amateur Radio Technician License Classes offered by the

South Mountain Radio Amateur (SMRA) Club in Carlisle, PA.

Each complete course consists of five two-hour class sessions on Saturdays from 9:00 to 11:00 AM, one VE Test Session and an additional two-hour session for those that pass the test to receive training on their new radio. It takes seven weeks to complete.

The next SMRA Technician Class will be held at the:

Public Safety Training Room, 1 Public Safety Drive, Carlisle, PA 17013.

[Note: A textbook (\$32.00) and a VE/FCC test (\$14.00) will be provided free by SMRA]

- Saturday October 4, 2025 – Welcome to Amateur Radio, Radio Signals Fundamentals, and Electricity Components and Circuits
Instructor: Ed W3ETO
 - Read Chapter 1 (no questions on exam), Chapter 2 (35 questions), and Chapter 3 (91 questions, but many of these questions are different versions of the same calculation)
- Saturday October 11, 2025 – Propagation, Antennas, and Feedlines
Instructor: Sean KC3YWX
 - Read Chapter 4 (66 questions)
- Saturday October 18, 2025 – Amateur Radio Equipment
Instructor: Chaz KC3ZPB
 - Read Chapter 5 (56 questions)
- Saturday October 25, 2025 – Communicating with Other Hams and Licensing Regulations Instructor: Rick KC3DRU
 - Read Chapter 6 (63 questions) and Chapter 7 (30 questions)
- Saturday November 1, 2025 – Operating Regulations and Safety
Instructor: Sean KC3YWX
 - Read Chapter 8 (32 questions) and Chapter 9 (43 questions)
- Saturday November 8, 2025 – VE Test for Technician License
VE Team Leader: Don K3ZR
- Saturday November 15, 2025 – Students that pass and pay the FCC \$35.00 fee will get their License and will receive a UV-5R Radio and be taught how to program and use it.
Instructor: Norm AB3ZZ

To register for this class contact:

Don Evans, K3ZR

717-418-1700

K3zr55@outlook.com

AMSAT NEWS:

- SSTV Event
- 3-6 October
- 17-20 October



<https://www.amsat.org/status/>

<https://www.ariss.org/upcoming-sstv->

40th Anniversary of Amateur Radio on Human Spaceflight



Owen, WSLFL, with his STS-51 Space Shuttle Columbia Crewmates



STS-51F 40th Anniversary



STS-51F Mission and SAREX Logos

SSTV: Planned Events

Continuing the ARISS Operations SSTV discussion from our Discord.

The ARISS team plans two short SSTV activations in October 2025, each running from Friday to Monday with a 30-minute pause on Saturday for a student contact:

October 3-6, 2025: Celebrates the 1957 launch of the first artificial Earth satellite. SSTV pauses on October 4 for a student voice contact.

October 17-20, 2025: Coincides with the International Scouting Jamboree on the Air (JOTA), with Scouting-themed SSTV images. Pauses on October 18 for a student contact.

Participants who receive and submit at least one SSTV image to the gallery can earn electronic award diplomas.



USED EQUIPMENT:

- Motorola MSF-5000
- 2 x Vertex VXR-7000



September		NG3K	NG3K	NG3K	NG3K	NG3K
2025 Sep01	2025 Sep27	Rwanda	9X2AW [spots]	LoTW	DXW.Net 20250713	By DF2WO fm Kigali (KI58aa); 160-6m, incl
2025 Sep04	2025 Sep16	Greenland	OX3LX [spots]	LoTW	TDDX 20250904	By OZ1DJJ fm Nuuk (GP44ee); HF + 6 4m;
2025 Sep10	2025 Sep15	Micronesia	V63SC NEW [spots]	JM1LBO	DXW.Net 20250912	By JM1LBO fm Pohnpei; HF; FT8
2025 Sep11	2025 Sep17	Montserrat	VP2MAA NEW [spots]	IK2DUW	DXW.Net 20250907	By J88BTI; HF; spare time operation
2025 Sep11	2025 Sep18	Crete	SV9 [spots]	EI4L	OPDX 20250903	By EI4L as SV9/EI4L fm Agios Nickolaos; 2
2025 Sep11	2025 Sep26	Guam	KH2 [spots]	LoTW	DXW.Net 20250816	By WE9G as WE9G/KH2; 160-6m; FT8, so
2025 Sep12	2025 Sep22	Sint Maarten	PJ7K [spots]	LoTW	DXW.Net 20250612	By OK1FCJ OK2ZA OK2ZC OK6DJ OM5ZV
2025 Sep12	2025 Sep22	Svalbard	JW6VDA [spots]	LoTW	OPDX 20241219	By LA6VDA fm Spitsbergen (IOTA EU-026);
2025 Sep13	2025 Sep25	Dodecanese	SV5	LoTW	TDDX 20250725	By HB9OAU as SV5/HB9OAU fm Karpatho
2025 Sep13	2025 Sep25	Dodecanese	SV5	DJ5MN Buro	OPDX 20250827	By DJ5MN as SV5/DJ5MN fm Karpathos I;
2025 Sep14	2025 Sep27	Norfolk I	VK9NT	LoTW	DXW.Net 20250814	By VK3QB VK3HJ VK6CQ; 40-6m; CW FT8
2025 Sep15	2025 Sep26	Aland Is	OH0	LoTW	OPDX 20250828	By DL2AQI as OH0/DL2AQI and DL4APJ a
2025 Sep15	2025 Sep26	St Pierre & Miquelon	FP5KE	LoTW	DXW.Net 20250804	By 16 op team fm Ile aux Marins (IOTA NA-
2025 Sep16	2025 Sep26	Curacao	PJ2	HA3JB OQRS	OPDX 20250728	By HA3JB as PJ2/HA3JB IOTA SA-099; 80-
2025 Sep16	2025 Sep28	St Kitts & Nevis	V4	LoTW	TDDX 20250725	By K0YA as V4/K0YA and W5RCX as V4/W
2025 Sep18	2025 Sep22	Palau	T88SF	LoTW	TDDX 20250903	By JK1CEK fm Malakal I (IOTA OC-009); 16
2025 Sep19	2025 Oct03	Christmas I	VK2	LoTW	DXW.Net 20250726	By SP9FIH as VK9/SP9FIH fm IOTA OC-00
2025 Sep20	2025 Sep26	Market Reef	OJ0	LoTW	OH6BG 20250816	By OH2YL as OJ0YL, OH6QU OH6QU OH
2025 Sep20	2025 Sep28	Reunion	FR	F1TEQ	OPDX 20250818	By F1TEQ as FR/F1TEQ; 20 15m; SSB FT
2025 Sep21	2025 Sep29	Kyrgyzstan	EX	LoTW	TDDX 20250904	By DK3RN as EX/DK3RN; 20 15m; mainly v
2025 Sep22	2025 Oct06	Micronesia	V6D	LoTW	DXW.Net 20250415	By DG2RON DJ7TO DJ9KH DK5WL DL1K
2025 Sep24	2025 Sep28	Svalbard	JW0B	LoTW	DXW.Net 20250409	By F5FRM fm Longyearbyen; focus on high
2025 Sep27	2025 Oct02	Ogasawara	JD1	LoTW	TDDX 20250610	By JQ3JUK as JQ3JUK/JD1 fm Chichijima

Spot them at
<http://dxsummit.fi>

CONTEST CALENDAR FOR THE MONTH:

- Oceania DX Contest, Phone 0600Z, Oct 4 to 0600Z, Oct 5
- Worked All Provinces of China DX Contest 0600Z, Oct 4 to 0559Z, Oct 5
- Russian WW Digital Contest 1200Z, Oct 4 to 1159Z, Oct 5

- **Pennsylvania QSO Party**
1600Z, Oct 11 to 0400Z, Oct 12 and 1300Z-2200Z, Oct 12

www.contestcalendar.com – Check out these Sites for lots of other contests!
<https://www.arrl.org/contest-calendar>
[CQ World Wide DX Contest - Home \(cqww.com\)](http://cqww.com)

SPECIAL EVENT STATIONS:

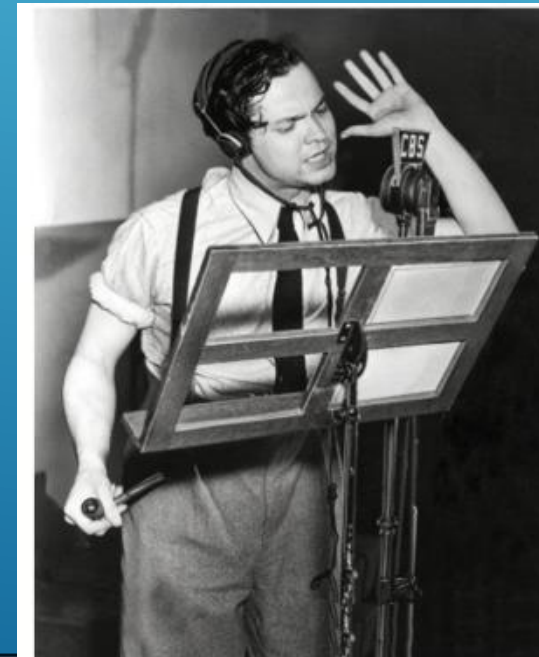
•**10/04/2025** | US Navy's 250th Birthday
1400Z-2359Z, NI6BB, San Pedro, CA. Battleship
Iowa Amateur Radio Association. See website,
for information. biara.org



•**10/18/2025** | National Mashed Potato Day
1500Z-2200Z, W9P, Plover, WI. Central Sands
Amateur Radio. Celebrating National Mashed
Potato Day from the World's Largest Potato
Masher located at the Food and Farm
Exploration Center. CSARC2022@gmail.com



•**10/26/2025** | W0W War of the Worlds
Special Event Station
1600Z-2100Z, W0W To commemorate the
anniversary of Orson Welles' infamous 1938 War
of the Worlds Halloween broadcast,
<https://www.w2zq.com>



<https://www.arrl.org/special-event-stations>

HAMFESTS:

[HTTPS://WWW.ARRL.ORG/HAMFESTS/SEARCH](https://www.arrl.org/HAMFESTS/SEARCH)

Red Rose Repeater Association Hamfest

HAMFEST/CONVENTION

10/04/2025

Start Date: 10/04/2025

End Date: 10/04/2025

Location: Garden Spot Fire & Rescue

339 E. Main St.

New Holland, PA 17557

Website: w3rrr.org

Sponsor: Red Rose Repeater Association

Type: ARRL Hamfest

Talk-In: 147.015 (+) 118.8

Public Contact: Ralph Hess , KC3KMT

331 E. Main St. New Holland, PA 17557-1336

Phone: 717-354-2200

Email: rett42@yahoo.com

CARA Fest 2025

HAMFEST/CONVENTION

10/05/2025

Start Date: 10/05/2025

End Date: 10/05/2025

Location: Howard County Fairgrounds

2210 Fairground Road

West Friendship, MD 21794

Website: <http://www.carafest.org>

Sponsor: Columbia Amateur Radio Association (CARA)

Type: ARRL Hamfest

Talk-In: 147.390 /R+ CTCSS 156.7

Public Contact: Andy Protigal , N3AWP

6431 Skipton Drive Hanover, MD 21076

Phone: 410-218-3815

Email: n3awp@arrl.net

RENNINGERS
KUTZTOWN, PA



Kutztown Antique Radio & Vintage Electronics Show

Presented by Delaware Valley Historic Radio Club

September 19 & 20, 2025

-Friday 10am-5pm, Saturday 8am-2pm

-Free Overnight Camping

-Friday Night Auction at 5:30

-Fri Vendor Setup @ 8am (No Early Birds)



Renningers Kutztown
740 Noble St Kutztown, PA



Event is held under Pavillions (Rain or Shine)

Contact Renningers for vendor spaces M-Th 570-385-0104, Fri & Sat 610-683-6848

www.renningers.com for more info

ANNOUNCEMENTS & DATES:

- ▶ **QRP Event** – 17 SEP– King's Gap
- ▶ **Monthly SMRA ARES/ACS Training**
 - ▶ 2nd Thursday Physical or Virtual
- ▶ **Monthly Meet the Mentors** –
 - ▶ 7 OCT- 1st Tuesday @ 7:00-9:00 PM –EOC
- ▶ **Monthly HAM Breakfast**
 - ▶ 20 SEP 2nd Saturday - 0830 Location: Brothers
 - ▶ Kickoff for the Fox and Hound Hunt too

QRP SCHEDULE:

Posted on website
<https://n3twf.org/>

August					
	04 - Opossum Lake, 1100; with Potluck Picnic				
			20 - PA 230 State Game Land, 1100 POTA US-8927		

September					
		02 - Pinchot, 1100 POTA US-1356			
			17 - Kings Gap, 1100 POTA US-4361		

October					
	06 - Bkft at Brothers 0900 then Fisher Road Park				
			15 - Lower Allen Park, 1100		

QRP Dinner Schedule

28-Jan-25	1730	Hoss, Mechanicsburg
25-Feb-25	1730	Hoss, Mechanicsburg
25-Mar-25	1730	Hoss, Mechanicsburg
29-Apr-25	1730	Hoss, Mechanicsburg
11/25/2025 (tentative)	1730	Hoss, Mechanicsburg
12/30/2025 (tentative)	1730	Hoss, Mechanicsburg

Responsibility

EM=Event Manager=Deb, KC3RTP
Attendance=John, W3HMS
Calendar Updates=Rick, K3RTK

 POTA Outings

Calendar focuses on good WX events. As last year, in the event of bad weather for a scheduled outing, the Event Manager will postpone that event to the following week at the same location, time, and weekday.

EXECUTIVE BOARD MEETING

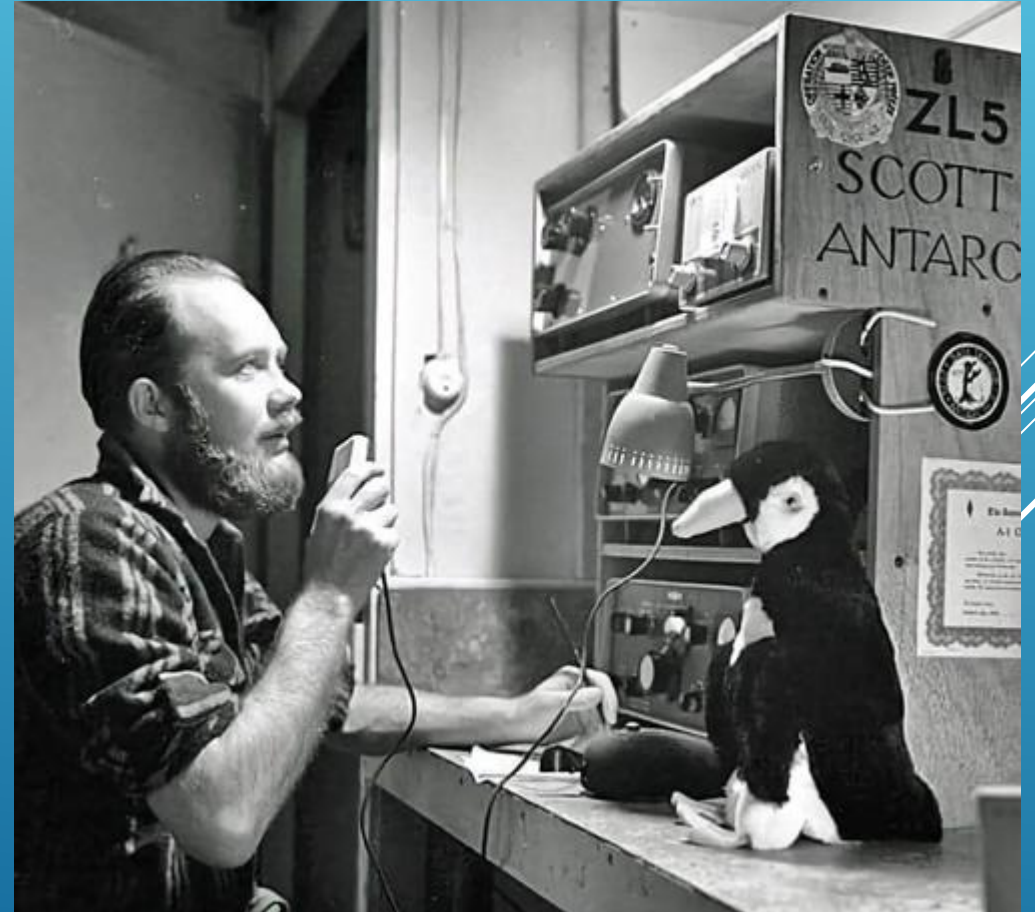
- Next Executive Board (EB) Meetings: **Open to all members** - second Tuesday of even months – or as specified. 5:30 PM dinner, 6:30 PM meeting, Hoss's, 61 Gettysburg Pike, Mechanicsburg.
 - Bring in New ideas and Events
- **14 OCT 25**
- **9 DEC 25**



AROUND THE ROOM (TIME PERMITTING):

What did you do interesting in Ham Radio this month?

- ▶ Hamfest
- ▶ Contests
- ▶ Technical Accomplishments
- ▶ Awards
- ▶ Activities – Rare DX
- ▶ New Antenna/Radio



FINAL THOUGHTS:

Motion to Adjourn?

