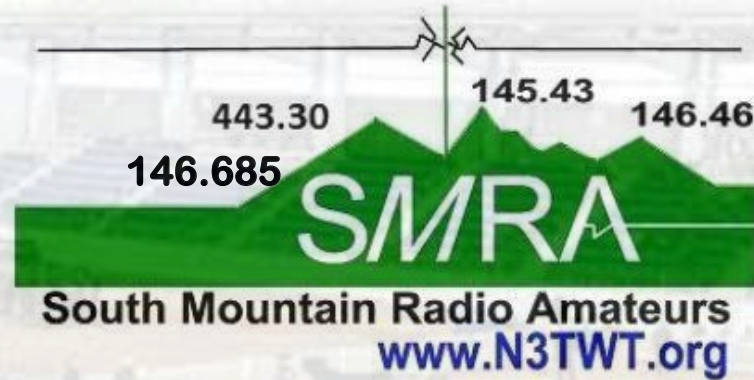


443.300 – Plus offset (5 MHz), tone 67 Hz
145.430 – Minus offset (600 kHz), tone 67 Hz
146.460 – Plus offset (1 MHz), tone 67 Hz
146.685 – Minus offset (600 kHz) DMR



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

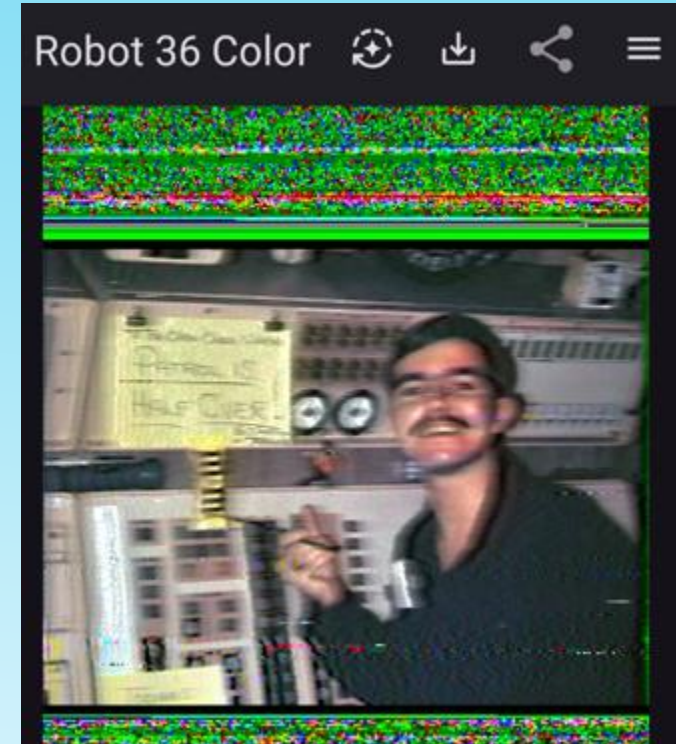
WWW.N3TWT.ORG

ED OTTO, W3ETO - PRESIDENT'S MESSAGE

TUESDAY 20 JAN 2026 AT 7:00 PM
GENERAL SMRA MONTHLY MEMBERSHIP MEETING
ALSO STREAMED ON ZOOM

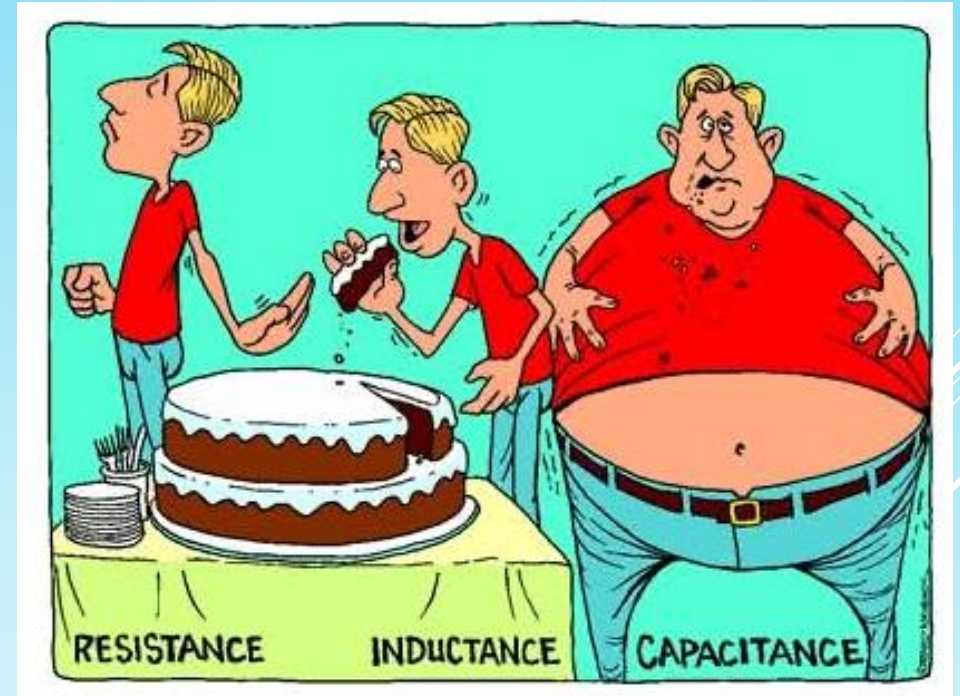
CALL TO ORDER

- ▶ 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



TONIGHT:

- ▶ Dues
- ▶ Presentation: Surface Mount Components – Jeff W3JKO
- ▶ Elections
- ▶ Shack-of-the-Month or Gadget of the Month
- ▶ Project Updates
- ▶ SMRA Wear Gear Merch!
- ▶ Emcomm/ARES
- ▶ Winter Field Day
- ▶ Officers report
- ▶ Nets
- ▶ Announcements, Contests and Events
- ▶ Around the Room – as time permits



SMRA DUES:

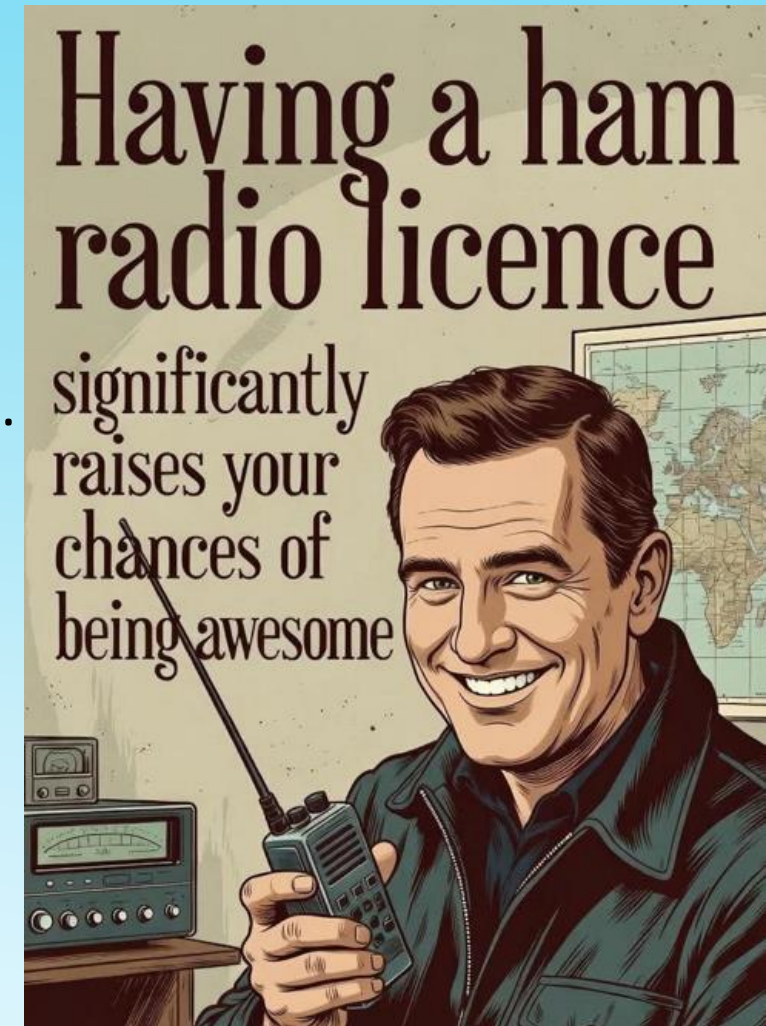
- ▶ Due on the **last day of February 2026**
- ▶ Easy to Pay on the Club Website: <https://n3twt.org/renew-membership-2>
- ▶ Sign in is current, so if you are **RED**, you owe dues for the year.
- ▶ Dues: **\$10.00 via PayPal** on our website or \$12.00 by check*.
 - ▶ **PayPal** is preferred and much easier for the club.
- ▶ Family dues: \$18.00
- ▶ Lifetime dues: \$100.00 ***** Best deal going.**
- ▶ Lifetime family dues: \$140.00

*Mail your \$12.00 Check to:



South Mountain Radio Amateurs c/o Mike Giordano-K3ESQ,
221 West Main Street, Mechanicsburg, PA 17055.

GROUPS.IO FOR SMRA CLUB INFO:

- ▶ We have a great number of unique SMRA sub-groups on Groups.io
- ▶ Members may not know about them
 - ▶ NOTE: Groups.io emails can easily be blocked by SPAM Blockers.
- ▶ Don't need to email all groups, the same content.
- ▶ **SMRA@Groups.io – Goes to everyone.**
 - ▶ Announcements, Events, Interesting HAM radio news
 - ▶ Discussion and Questions welcome
 - ▶ Are you on this group and receiving emails?



2026 PRESENTATIONS:

Table2 			
 Meeting Date	Presentation Topic / Title	Name	Call Sign
1/20/2026	Surface Mount Components	Jeff Orner	W3JKO
2/17/2026	Pillars of Radio	Hugh Irwin	K3ECT
3/17/2026	Hexbeam Antennas	Jerry Sodus	KM3K
4/21/2026	Balloon Launching	Dick Goodman	WA3USG
5/19/2026	Winlink Part 1	Andrew Mummert	W3AND
6/16/2026	Winlink Part 2	Andrew Mummert	W3AND
7/21/2026	Testing a Yagi/directional Antenna	Hugh Irwin	K3ECT
8/18/2026	Intro to Fox Hunting	Rick Stoner	KC3DRU
9/15/2026	Making a Go-Box / Go-Bag	Sean Schulze	KC3YWX
10/20/2026	Getting Started with CW	Emily Saldaña	WC3R
11/17/2026	EME Moon Bouce	John Jaminet	W3HMS
12/15/2026	Restoring a used radio from Ebay	Chaz Smith	KB3ZPB
1/19/2027	Setting up Ham Dashboard (VA3HDL)	Jeff Kisner	W3JWK

BOARD ELECTIONS – 20 JAN 26

Name	Call	Title	Term Ends
Ed Otto	W3ETO	President	2026
Jeff Kisner	W3JWK	V.P.	2025
Bob Single	N3ACP	Trustee/Net Coordinator	2025
Paul Harig	W3PTH	Recording Sec.	2025
Mike Giordano	K3ESQ	Treasurer	2026
Gary Cribbs	K3MGB	Director	2026
Brendan McGowen	KC3VEB	PIO, Web, Facebook	2026
Tracey Richard	WE3H	Membership	2025

Candidates 2026

- Jeff Kisner
- Bob Single
- Tracey Richard
- Sean Schulze
- Write in _____.



BOARD ELECTIONS – 20 JAN 26

- The election slate that we will vote on Tuesday has changed from what I announced last month.

- The following board members would like to run again and remain on the board:

- • Jeff Kisner W3JWK – Currently VP
- • Bob Single N3ACP – Currently Trustee/Net Coordinator.
- • Tracey Richard – WE3H – Currently Membership Secretary

- The following would like to be on the board:

- • Sean Schulze KC3YWX - Currently Grant coordinator and Educational Lead
- Write-In _____

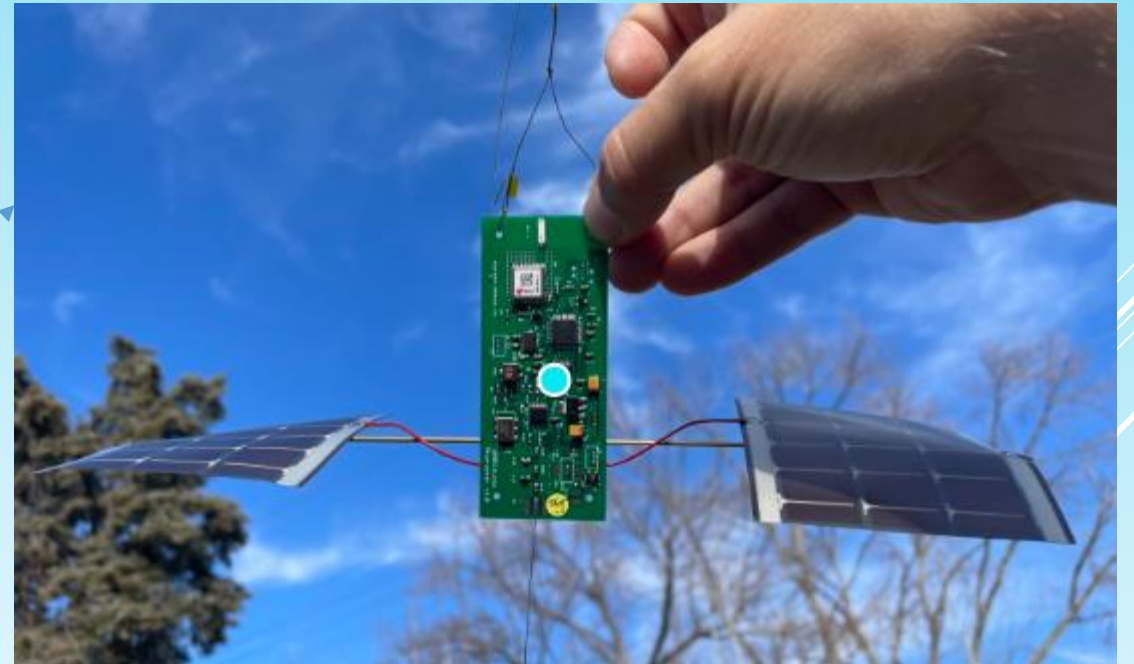
- Vote for 4 – Then Directors will meet and assign duties following this meeting.
 - Vacant – Recording Secretary

INFO:

APRS Balloon Launch

Update

- Balloons – Received ✓
 - APRS 2 Lite Board – Ordered ✓
 - Solar Panels – Ordered ✓
 - Super-Capacitors – donated ✓
 - Programming??
 - H or He??
-
- **Interested in Joining the Build Group Email**
W3ETOradio@gmail.com



INFO:

EOC Upgrades

Update

- Upgrades Approved
- Site walk with the EOC's Installer-Complete.
- Quote Submitted.
 - County pays labor
 - We pay cable and connectors
- Actively working
- Once complete, we will purchase the VHF/UHF and HF radios and laptops
- This will greatly improve our capabilities in the county.
- **AND---Be able to Demo Radios in the Conference room!**



INFO:

SMRA Shirts and other Merch

- Time to order new SMRA Gear to Wear!
- Great for emergency services, club meetings, ham fests and POTA.
- Quality varies between brand names. Price can be quite varied by manufacturers. By us using multiple catalogs, there is sure to be something to meet your requirements and budget. Fees are based on the number of stitches. The more letters you want on an item, the more it would cost.
- Our goal is to represent the club in good fashion and have happy members. Please have all orders in ASAP. The deadline will be the night of the February meeting.

We have dealt with Brooks at Shenk's before with absolutely no problems.

Please add your name, email, phone # and call sign as a header to the list below and email this email to: Gary Cribbs wiscoman@pm.me



MERCH:

SMRA Shirts and other Merch

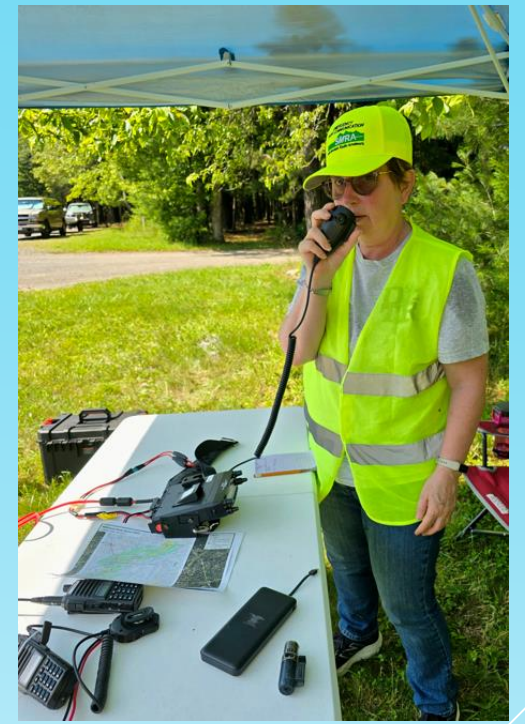
- Catalog Name
- Serial # from catalog
- Color
- Size
- Anything special you want embroidered
- You will be charged \$5.00 over catalog price (approximately)
- All logos on left, names on the right is the common practice, specify if you require something different
- All orders sent to me so we can get a bulk discount. I will place orders all at one time and Shenk's will contact purchaser with any questions and billing. I am old, so please bear with me.
- I will put a deadline on orders so I can compose a list of all items and submit all at one time.

I will offer a bulk pickup or members can pickup themselves.

<https://linkprotect.cudasvc.com/url?a=https%3a%2f%2fwww.sanmar.com%2f&c=E,1,LiyYOFiQFi2jeO2qLQcywpUCtxAtieej6B0NdrHgq-cfmCcDonroE1c1Gl6llsS6v5Miw4UizoY1hP6XTgv0vtsj0xjQvceHlpbBJ3qXmifuu4yVe6WU0o0,&typo=1>

COMMS: Motorcycle Events 2026

- June 20 - DelVal Michaux Duel sport
- June 27 - 28 - Oxbo Haresramble
- July 19 - DelVal Foggy Mountain Enduro
- Sept 13 - SPER Michaux Enduro



VOLUNTEERS NEEDED:

SMRA is on of the most active clubs in this area. We do an amazing number of monthly activities to keep members engaged, learning and exploring. To keep these fun activities going we need members to step forward take charge of an activity and assist.

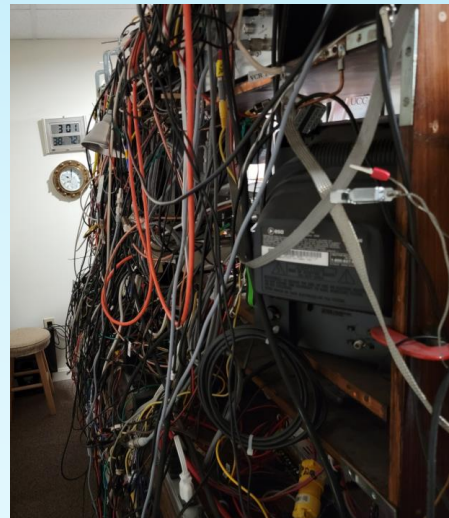
- Ham Breakfasts **
- Meet the Mentor (MTM) **
- Emergency Comms **
- Project Builds **
- Teaching and Testing FCC Licensees
- General meetings
- QRP Outings **
- Field Day **
- National Night Out and Community engagements
- Motorcycle Emergency communications in Forests

** Actively looking



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.



The Shack of the Month – Jeff W3JKO



The Shack of the Month – Jeff W3JKO



The Shack of the Month – Jeff W3JKO



The Shack of the Month – Jeff W3JKO



The Shack of the Month – Jeff W3JKO



The Shack of the Month – Jeff W3JKO



GADGET OF THE MONTH –

Do you have a new Ham Toy that others may like to explore?

- ▶ New Antenna, Radio, HT, Battery box, flux-capacitor
- ▶ Volunteer for a short infomercial
- ▶ No need for a full presentation
- ▶ Works like Shack of the Month
- ▶ Just email me a photo or two and I'll call on you to talk about it – from your seat!



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
 - ▶ Everyone has something to contribute!
- ▶ **Wednesday Morning Humpday RagChew**
 - ▶ Just talk and make friends- make conversation
 - ▶ No net control – Enjoy Radio!
 - ▶ Lambs Gap Repeater 443.30MHz, Tone 67
- ▶ 3) **Digital Net** on Sunday Nights 1900-2000
 - ▶ SMRA .43 Repeater on alternating weeks with York Club Repeater
 - ▶ York Repeater – 146.970, -6KHz (tone 127.3 (better coverage) or 123

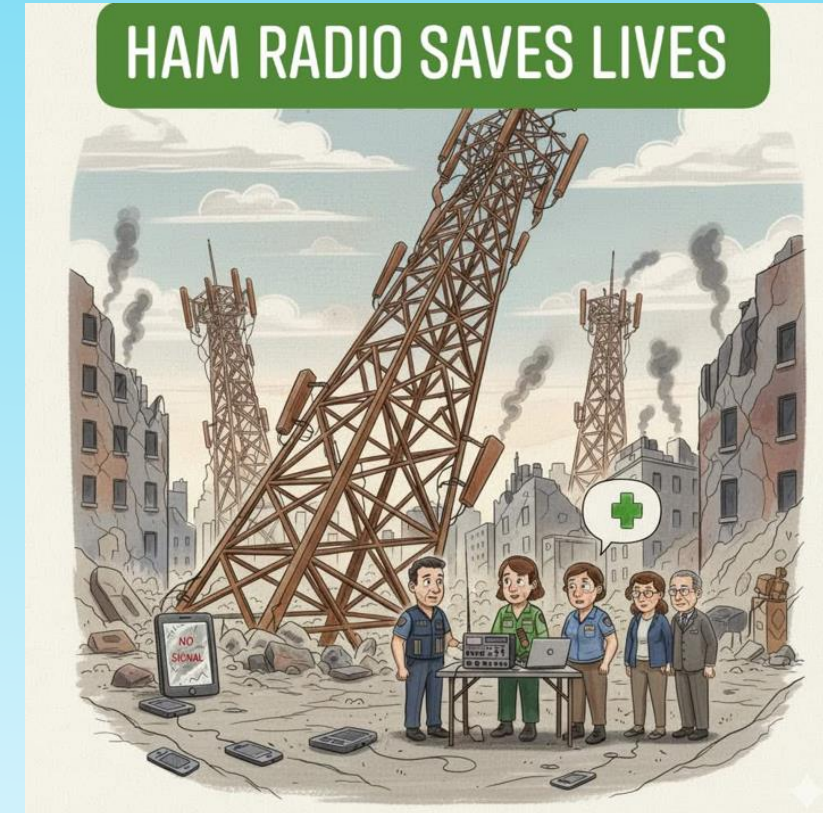


EMERGENCY COMMUNICATIONS

➤ Coming Soon!

- Learn basics of emergency communication
- Be prepared to help both locally and nationally
- Learn how to build or repair communications cables or power cables
- Learn to build antenna's
- Learn key skills to be able to communicate anywhere on multiple modes.
- Become an ARES certified member (3 levels)
- Send files, photos, emails, forms without the Internet!

➤ Interested in being part of the group or helping Sign up!



WINTER FIELD DAY :

- January 24th & 25th, 2026 = ESTA
- Winter Field Day and its core principles:
 - Natural disasters are unpredictable and can strike when you least expect them.
 - Your training and operating skills should not be limited to fair-weather scenarios.
 - Preparedness is the key to a professional and timely response during any event.
 - **Can work from home.**
 - Rules Found Here
 - <https://winterfieldday.org/>




OFFICER REPORTS

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

HOW SIGNAL STRENGTH WORKS IN dB

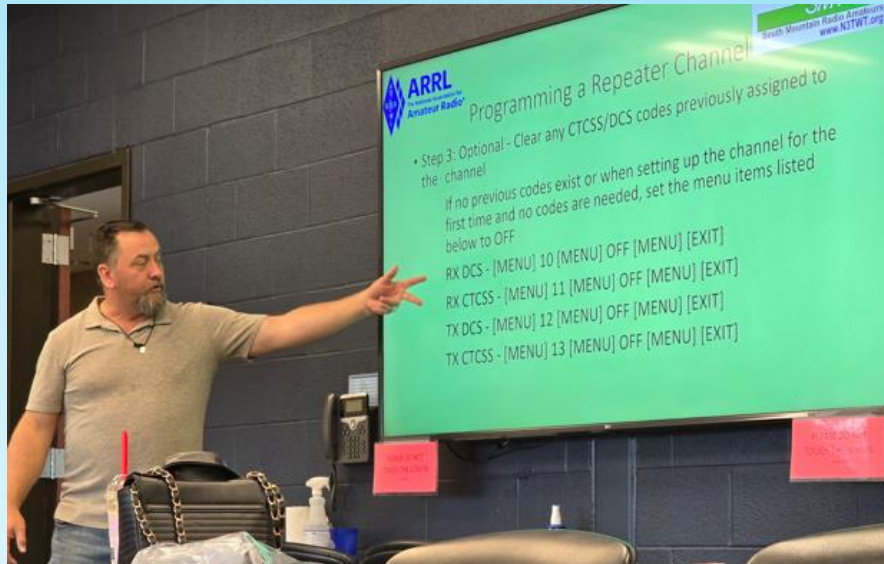
dB (decibel) is not a unit of power. It is a comparison between two power levels



dB Change	Meaning
+3 dB	Power doubles
-3 dB	Power halves
+10 dB	Power increases 10 times
-10 dB	Power reduces to one-tenth

SMRA TECHNICIAN CLASS:

- Bosler Library -12 Jan 26
- Fredericksen Library – 29 Jan 26



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 Mondays from 5:30 to 7:30 PM, 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 Bosler Memorial Library, 158 West High St., Carlisle, PA 17013

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

- **Monday January 12, 2026 – 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)
- **Monday January 26, 2026 – Propagation, Antennas, and Feedlines**
Instructor: Keith KC3JVG
 - Read Chapter 4 (66 questions)
- **Monday February 2, 2026 – Amateur Radio Equipment**
Instructor: Chaz KC3ZPB
 - Read Chapter 5 (56 questions)
- **Monday February 9, 2026 – Communicating with Other Hams and Licensing Regulations** Instructor: Rick KC3DRU
 - Read Chapter 6 (63 questions) and Chapter 7 (30 questions)
- **Monday February 16, 2026 – Operating Regulations and Safety**
Instructor: Sean KC3YWX
 - Read Chapter 8 (32 questions) and Chapter 9 (43 questions)
- **Monday February 23, 2026 – VE Test for Technician License**
VE Team Leader: Don K3ZR
- **Monday March 2, 2026 – Students that pass the license exam and pay the FCC \$35.00 fee will receive a Baofeng UV-5R radio and be taught how to program and use it.**
Instructor: Norm AB3ZZ

To register for this class contact:

Bosler Memorial Library
158 West High ST.
Carlisle, PA 17013
717-243-4642

These classes are made possible by a grant from the Amateur Radio Digital Communications (ARDC) foundation www.ardc.net

CONTEST CALENDAR FOR THE MONTH:

- **Winter Field Day 1600Z, Jan 24 to 2159Z, Jan 25**
- **Australia Day Contest 2200Z, Jan 25 to 1000Z, Jan 26**
- **CQ WW RTTY WPX Contest 0000Z, Feb 14 to 2359Z, Feb 15**

CQ WW WPX Contest, SSB

- **0000Z, Mar 28 to 2400Z, Mar 29**

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:

02/14/2026 | 6th Annual Pluto Discovery Anniversary S.E.

Feb 14-Feb 22, 0000Z-2359Z, W7P, Flagstaff, AZ.

Northern Arizona DX Association. 14.266 21.366 28.366
7.266. Certificate & QSL. W7P -Pluto Special Event, 6315
Townsend Winona Rd, Flagstaff, AZ 86004.

www.nadxa.com

02/14/2026 | Iwo Jima Flag Raising

Feb 14, 1700Z-2359Z, NI6IW, San Diego, CA. USS
Midway Museum Ship. 14.320 7.250 14.070 PKS31
DSTAR on Papa System Repeaters. QSL. USS Midway
Museum Ship, 910 North Harbor Drive, San Diego, CA
92101.

02/16/2026 | Antarctic Activity Week

Feb 16-Feb 22, 0000Z-2359Z, K4C, McDonough, GA.
World Antarctic Program. 14.270. QSL. Robert Hines,
1978 Snapping Shoals Rd, McDonough, GA 30252.
k4mzu.net

FUN FACT: ~40 Year-round Stations >70 in Summer

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



HAMFESTS:

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

- York Hamfest 25 April – 0800-1200
- Last One: Winterfest January 2026
January 10, 2026, at the **Vietnam Veterans of America Post 542, 8000 Derry St, Harrisburg, PA 17111.**
- Any Reports? Good Deals?



York Hamfest



Sponsored by the **York Hamfest Foundation** supporting 2 local Amateur Radio Clubs.
One of the **OLDEST Hamfests** in the area, in our **70th** year.

Saturday April 25, 2026
8:00am to 12:00pm

****Great Location****

Glenview Alliance Church 10037 Susquehanna Trail S Glen Rock, PA 17327

INDOOR SPACED / COVERED OUTDOOR SPACES / TAILGATING
RAIN or SHINE FREE PARKING

*** Vendor and Tailgating set up at 6am Saturday morning. ***

Admission plus \$10 per 10' space outside or 1 table inside. \$5 for each additional space.
Commercial vendors are expected to collect and remit PA sales tax.

*** General Admission gate opens at 8am. ***

\$10 per person (FREE for children under 16 when accompanied by an adult and unlicensed spouses)

*** Hourly Door Prizes / Radio Game Prizes / Grand Prize**

Do not have to be present to win the Grand Prize

*** Food vendor with breakfast and lunch menu available ***

*** Free VE testing ***

Registration starts at 10:30am with Testing starting at 11:00am
(Paid admission fee can be refunded upon registration for testing. Full ticket and stub are required.)

*** Card checking for DXCC/WAS/VUCC/WAC**

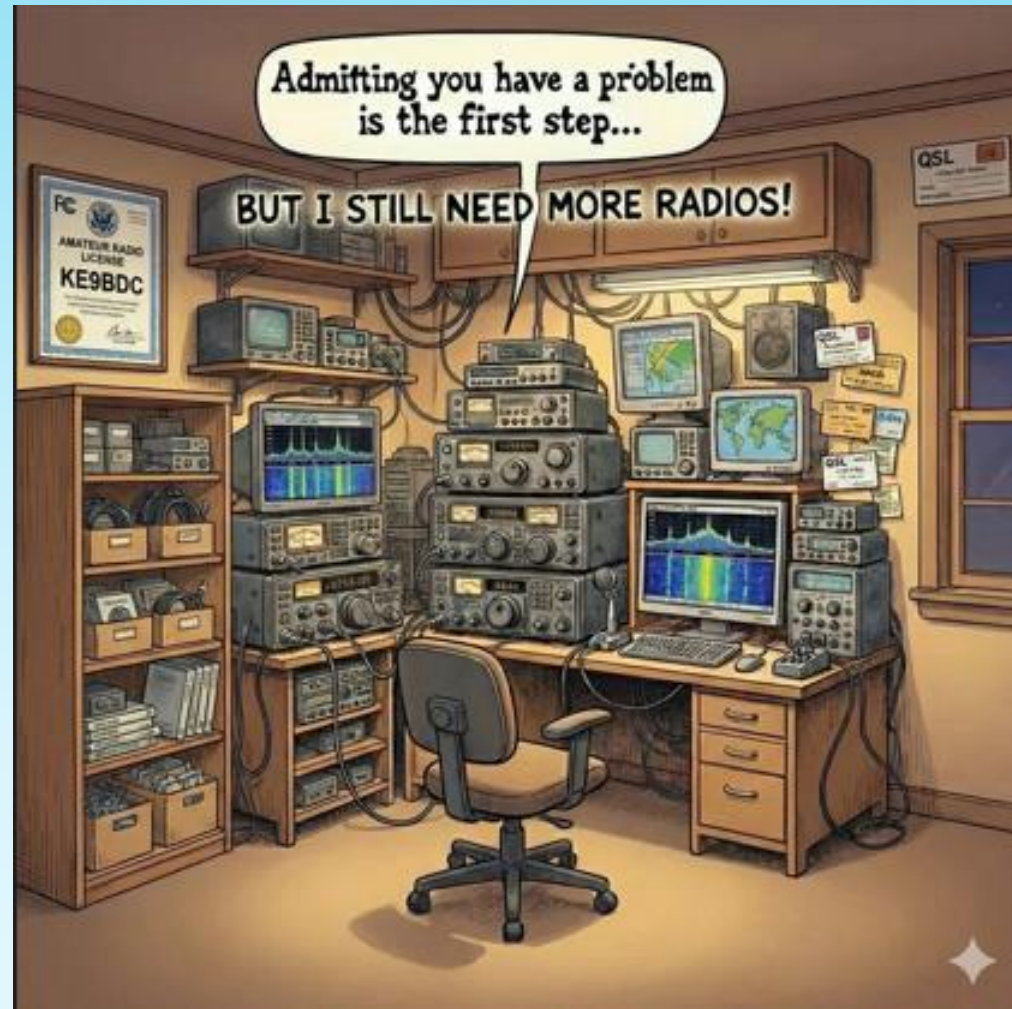
ANNOUNCEMENTS & DATES:

- ▶ **Monthly Meet the Mentors**
 - ▶ 1st Tuesday – **3 FEB 26 @ 1900** –EOC
- ▶ **Monthly SMRA ARES/ACS Training**
 - ▶ TBD
- ▶ **Monthly HAM Breakfast**
 - ▶ 2nd Saturday – **14 FEB @ 0830** - Location: Brothers Restaurant
- ▶ **Monthly General Meeting**
 - ▶ 3rd Tuesday – **17 FEB 26 @ 1900** - Location: EOC
- ▶ **Monthly QRP Dinners and Outings**
 - ▶ 4th Tuesday (Generally in Winter) –**27 JAN 26 @ 1730**



EXECUTIVE BOARD MEETINGS

- 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.
- Calendar
 - 20 Jan 26 – After the Meeting
 - 10 Feb
 - 14 Apr
 - 9 Jun
 - 11 Aug
 - 13 Oct
 - 8 Dec



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?

