

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 21 OCT 25 AT 7:00 PM
GENERAL SMRA MONTHLY MEMBERSHIP MEETING
ALSO STREAMED ON ZOOM

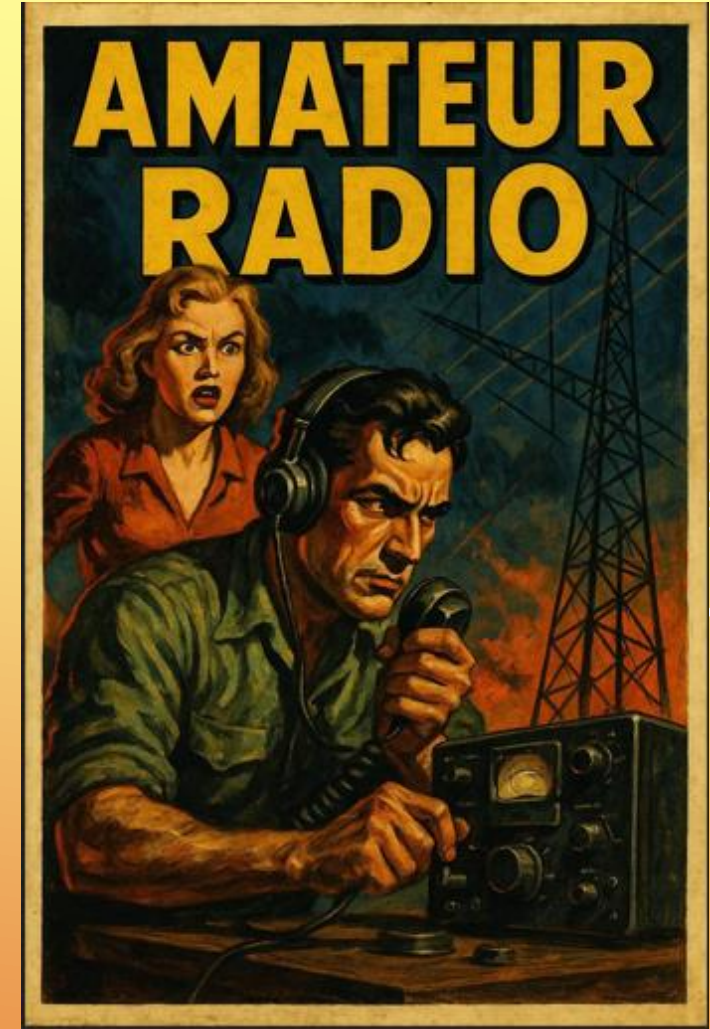
CALL TO ORDER

- ▶ 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



TONIGHT:

- ▶ Presentation: Using RigExpert Stick 230 Analyzer and Software – Jack NC3O
- ▶ Short Presentation - APRS Balloon Launch (Step #1)
- ▶ Shack-of-the-Month or Gadget of the Month
- ▶ Repeater Update
- ▶ Fox Hunt
- ▶ Officers report
- ▶ AMSAT Nets
- ▶ Announcements, Contests and Events
- ▶ Around the Room – as time permits



GROUPS.IO FOR SMRA CLUB INFO:

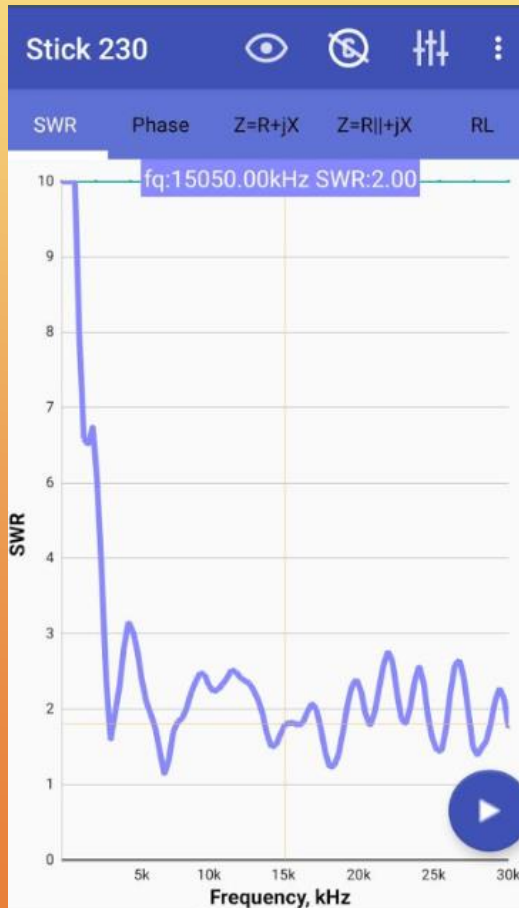
- ▶ We have a great number of unique SMRA sub-groups on Groups.io
- ▶ Members may not know about them
 - ▶ NOTE: Groups.io emails can easily be blocked by SPAM Blockers.
- ▶ Don't need to email all groups, the same content.
- ▶ **SMRA@Groups.io** – Goes to everyone.
 - ▶ Announcements, Events, Interesting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



PRESENTATION:

Using a RigExpert Stick 230 Analyzer and Software

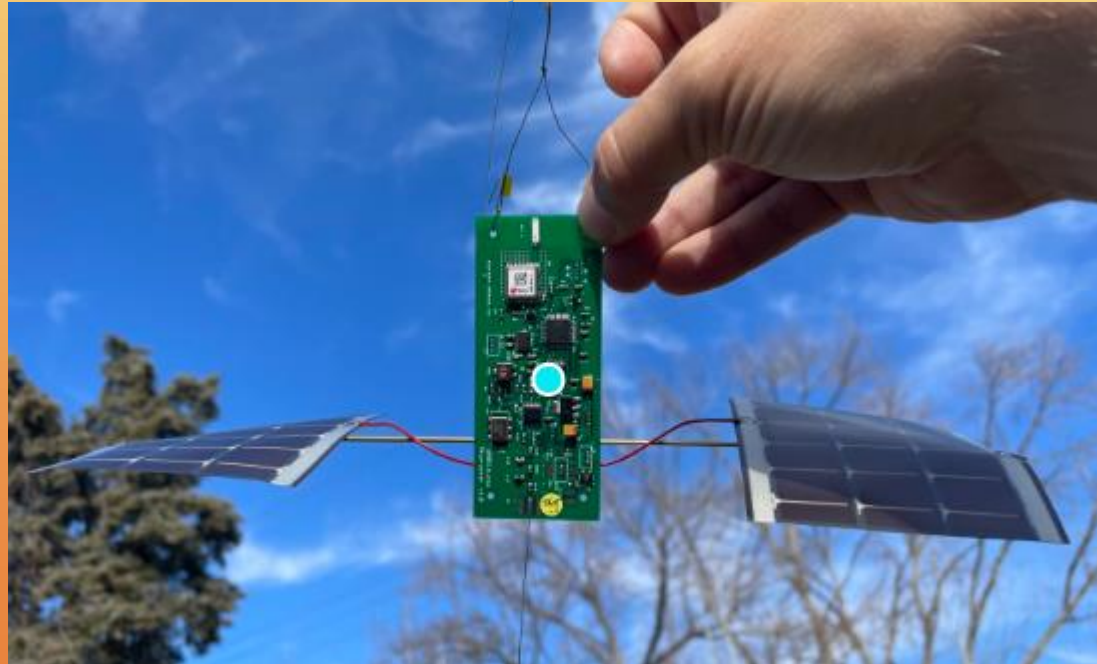
By Jack NC3O



PRESENTATION:

APRS Balloon Launch #1

Dick – WA3USG



2025 FUTURE PRESENTATIONS:

A	B	C	D
	SMRA 2025 Meeting Presentations		
			
ing Date	Presentation Topic / Title	Name	Call Sign
1/21/2025	QSO Cards and the Process	Glenn Kurzenknabe	K3SWZ
2/18/2025	Mounting Mobile radios in your Electric Vehicle.	Dick Goodman	WA3USG
3/18/2025	Planning your first home station	Brendan McGowen	KC3VEB
4/15/2025	How to buy gear at a Hamfest	Glenn Kurzenknabe	K3SWZ
5/20/2025	Getting started in POTA	Rick King	K3RTK
6/17/2025	What can you DO with DMR Locally	Paul Harig	W3PTH
7/15/2025	JS8Call for Preparedness	Rick Stoner	KC3DRU
8/19/2025	PA QSO Party	Glenn Kurzenknabe	K3SWZ
9/16/2025	Insurance on Ham Radios and Equipment	Jeff Kisner	W3JWK
10/21/2025	Using RigExpert Stick 230 Analyzer and Software	Jack Himes	NC3O
11/18/2025	APRS - Tips & Tricks	Rick Stoner	KC3DRU
12/16/2025	Grid Tracker & FT8	Ed Otto	K3ETO

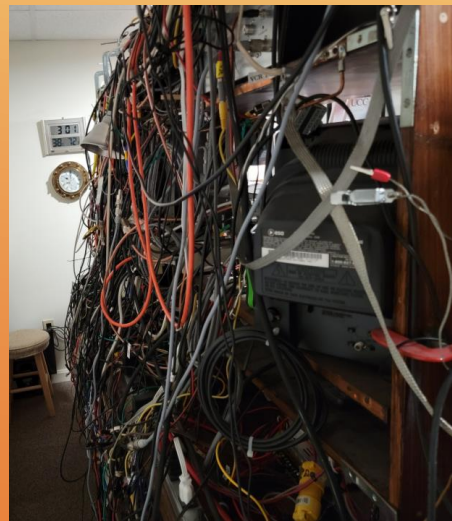
2026 PRESENTATIONS:

SMRA 2026 Meeting Presentations

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	Making a Go-Box / Go-Bag	Sean Schulze	
9/22/2026	Setting up Ham Dashboard (VA3HDL)	Jeff Kisner	W3JWK
10/20/2026	Getting Started with CW	Emily Saldaña	WC3R
11/17/2026	EME Moon Bouce	John Jaminet	W3HMS
12/15/2026		Chaz?	
1/19/2027			

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 – CHAZ KC3ZPB OR...

KC3 +



+



13

10/19/2025

SHACK OF THE MONTH



14

10/19/2025

SHACK OF THE MONTH



15

10/19/2025



SHACK OF THE MONTH

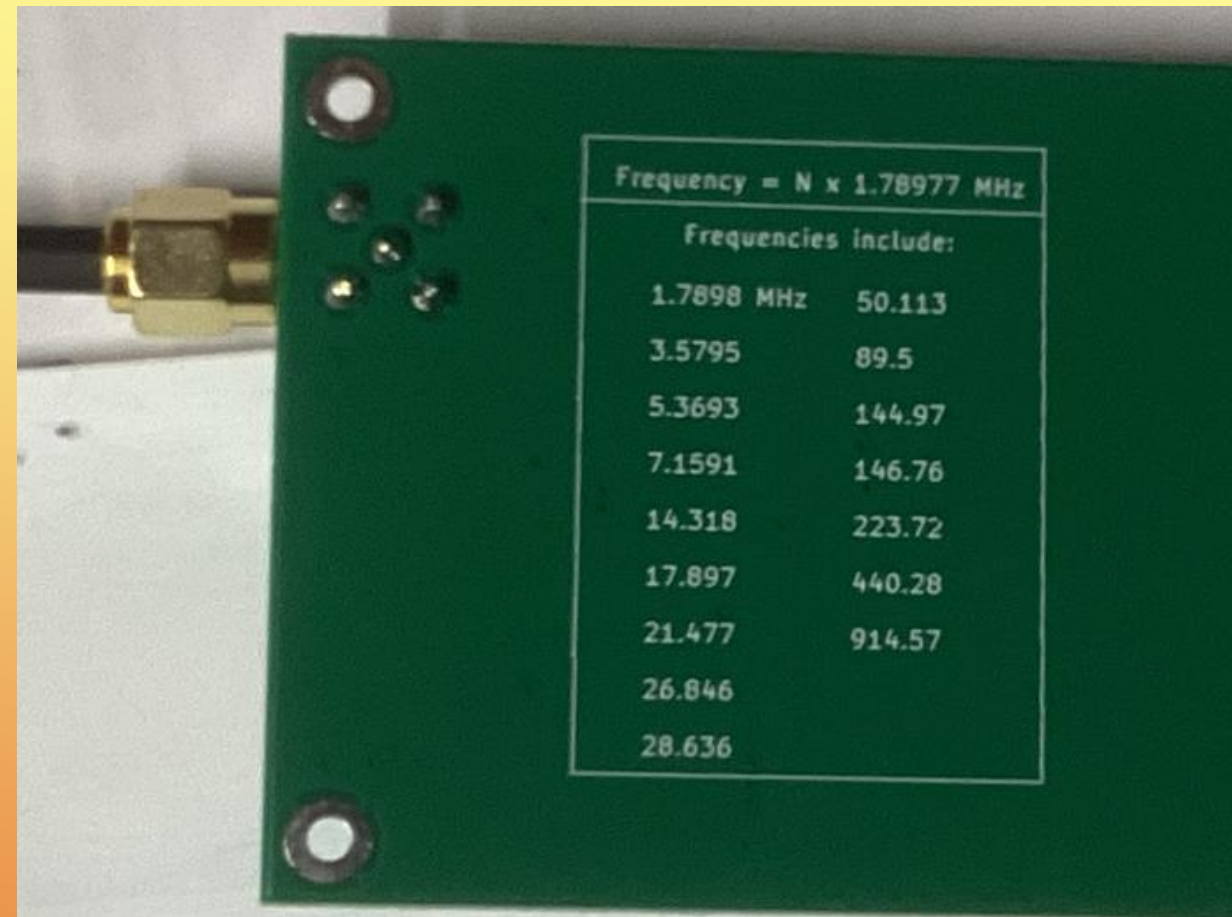


GADGET OF THE MONTH –

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!

GADGET OF THE MONTH – KC3 ZULU PEANUT BUTTER



REPEATER UPDATE:

- ▶ SMRA has 4 Repeaters around Cumberland County
 - ▶ South Mountain, Three Square Hollow, Lambs Gap and Waggoner's Gap (DMR)
- ▶ County is migrating to a new P25 Radio system for First Responders and deprecate much of the older technology.
- ▶ The County built 3 new Communication Huts and Radio Towers.
 - ▶ Old infrastructure will be demolished and returned to nature.
 - ▶ New facilities are virtually across the street from the old.
- ▶ All SMRA radio equipment and Antennas will need to be moved and reinstalled in the new facilities.



REPEATER UPDATE:

- ▶ P25 System is installed, Motorola performed Driving tests etc.
- ▶ They will likely migrate in FEB 26
- ▶ Installers focusing on P25 systems first
 - ▶ They will then come back and install the SMRA equipment
- ▶ We are in stand-by mode until they are ready for us to move. This could be later in the winter or spring. We're ready!
- ▶ DMR on Waggoneers Gap, relocated to a better shelter down the hill. Better power, climate, and internet.
- ▶ Once we are relocated to our new Towers and Shelters we will evaluate how we can interconnect and explore new HAM technologies.



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
- ▶ 3) **Digital Net** on Sunday Nights 1900-2100
 - ▶ **Suspended : More to follow**
 - ▶ SMRA .43 Repeater on alternating weeks with York Club Repeater
 - ▶ York Repeater – 146.970, -6KHz (tone 127.3 (better coverage) or 123



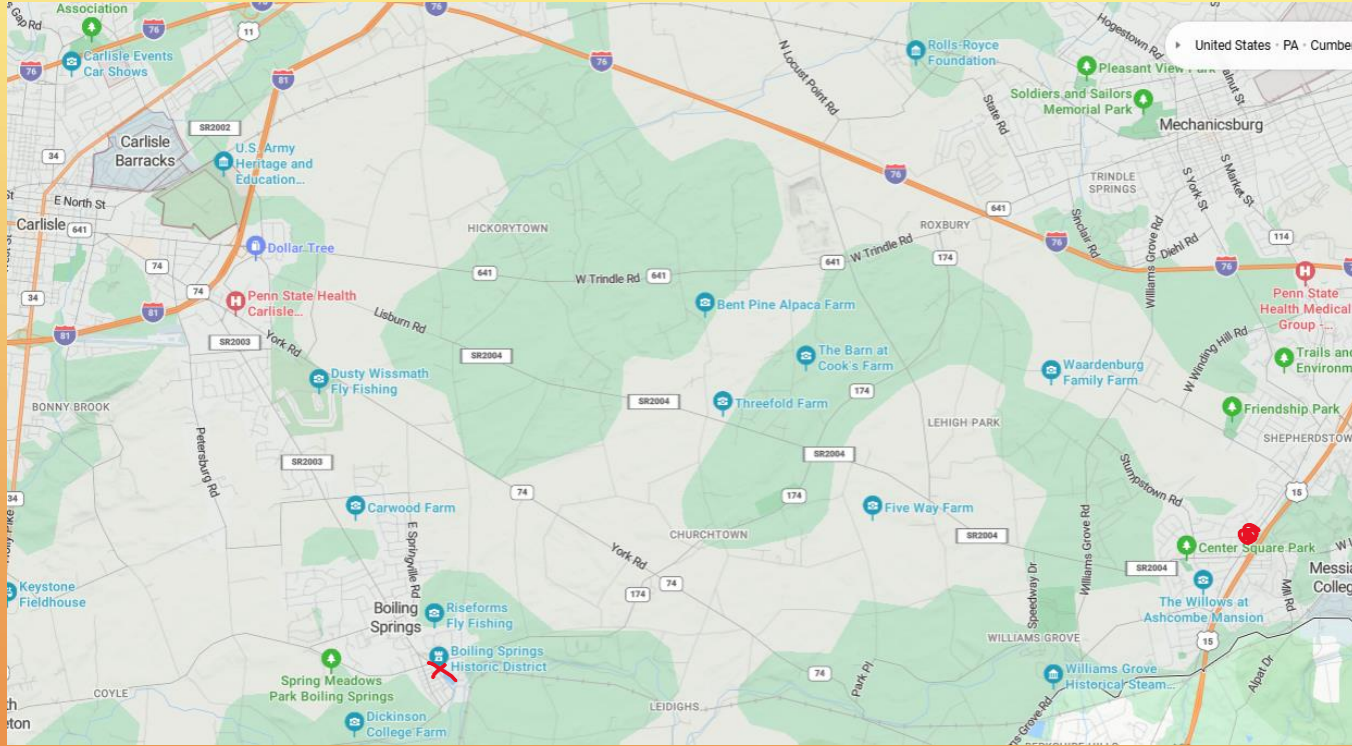
FOX HUNT UPDATE: W3JWK



23

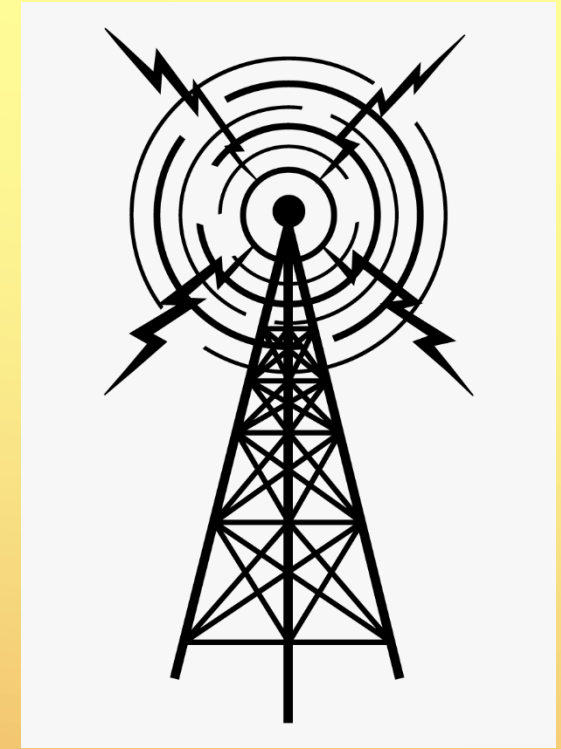
10/19/2025

FOX HUNT UPDATE:



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 you're 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/ARES** – Paul W3PTH
- **Treasurer** – Mike K3ESQ
- **VP** – Jeff W3JWK
- **Membership** – Tracey WE3H
- **PAIO** – Brendan KC3VEB



SMRA TECHNICIAN CLASS:

➤ 4 OCT 25 – 15 NOV 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
- Series 30 delayed until
Mid-November ~~17-20~~
~~October~~

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

Amateur Radio on the International Space Station
Любительское радио на борту Международной космической станции



ARISS SSTV Award
No 292245

Edward T. Otto W3ETO

Received SSTV images broadcast on the occasion of World Space Week 2025, which this year takes place under the slogan "Living in Space". The images were transmitted using an amateur radio system in the Russian segment of the International Space Station.

Принял изображения SSTV переданные по случаю Всемирной недели космоса 2025, которая в этом году проходит под лозунгом «Жизнь в космосе». Изображения были отправлены через радилюбительскую систему в Российском сегменте Международной космической станции.

Руководитель Радилюбительской
Деятельности на МКС
Сергей Самбуров RV3DR

ARISS International Chair
Frank Bauer KA3HQQ

ARISS Europe Chair
Oliver Amend DG6BCE

SSTV Gallery Operations Coordinator
Will Marchant KW4W2

Mentor ARISS Europe
Armand Budzianowski SP3QFE

ARISS SSTV Award Manager
Sławomir Szymanowski SP3BOK



RSOISS NA1SS
October 3 - 9, 2025



World Space Week 2025
Всемирная неделя космоса 2025

AMSAT NEWS:

- This Month's Event

World Space Week 2025 1/12 Sputnik-1 Display at Energia Museum	World Space Week 2025 2/12 International Cooperation: Amateur Radio	World Space Week 2025 3/12 International Cooperation: The ISS	World Space Week 2025 4/12 International Cooperation: Communications
World Space Week 2025 5/12 International Cooperation: Global Navigation	World Space Week 2025 6/12 International Cooperation: Global Weather	World Space Week 2025 7/12 On October 4, 1957, the first in the world was launched into space artificial Earth satellite	World Space Week 2025 8/12 Радиоспутниковый сервис, запущенный космонавтами с ОК Мир по российско-французской программе RS-17 - 03.11.1997 RS-18 - 10.11.1998 RS-19 - 16.04.1999
World Space Week 2025 9/12 Российско-австралийский проект наноспутник "Kosmos-2000/RS-21" Запущен RS-21 в марте 2002 г. Russian-Australian project microsatellite "Kosmos-2000/RS-21" RS-21 launched March 2002	World Space Week 2025 10/12 RadioSkaf - проект спутников на базе корпуса выработавшего свой ресурс спускаемого аппарата "Орлан-М" Запущен RSORS 07.02.2006 г. с борта МКС Валерием Токаревым и Биллом МакАртуром RadioSkaf - satellite project on the basis of the corpse of the exhausted "Orlan-M" spacecraft RSORS 07.02.2006 from the ISS by Valery Tokarev and Bill MacArthur	World Space Week 2025 11/12 Малый космический аппарат "Kosmos" (ARISat-1) RS15 Запущен 02.02.2006 Передал в автоматическом режиме 25 приветствий на 15 языках Small spacecraft "Kosmos" (ARISat-1) RS15 launched 02.02.2006 Automatic transmission of 25 greetings messages in 15 languages	World Space Week 2025 12/12 Наноспутник "Tanaka-Kosmos" RS-6S, RS-7S Запущены космонавтом Юрием Ф.Н. Nanosatellite "Tanusha SWSU" RS-6S, RS-7S launched of the ISS by Yurichkin F.N.

CONTEST CALENDAR FOR THE MONTH:

- **CQ Worldwide DX Contest,**
 - **SSB 0000Z, Oct 25 to 2359Z, Oct 26 (Huge)**

- **Pennsylvania QSO Party**
1600Z, Oct 11 to 0400Z, Oct 12 and 1300Z-2200Z, Oct 12
How did you do???

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)

NEW	Call	CQWW	CQZ	Class	QSL	Source
	3B9KW	Rodrigues I	39	SOAB HP	LoTW	M0CFW
	4L6AM	Georgia	21	SOSB 20M	4L6AM Direct	4L6AM
	5K0UA	San Andres & Providencia	07	M/?	LoTW	MM0NDX
	7Q1A NEW	Malawi	37	M/?	LoTW	TDDX
	9Z4BM	Trinidad & Tobago	09	SOAB	9Z4BM Direct	N2TTA
	C5R	Gambia	35	M/?	LoTW	YT3PL
	C5Y	Gambia	35	M/?	LoTW	425DXN
	C5Y	Gambia	35	M/?	LoTW	MM0NDX
	CQ9A NEW	Madeira	33	M/S	See Info	KL9A
	CR2M	Azores	14	TBD	LoTW	W6NV
	CV6T	Uruguay	13	M/?	EA7FTR	OPDX
	E2A	Thailand	26	M/S	LoTW	HS0ZGD
	FW5K	Wallis & Futuna	32	M/?	LoTW	TDDX
	GM5DX NEW	Scotland	14	M/2	LoTW	TDDX
	HP1Z	Panama	07	M/S	LoTW	TDDX
	HP3/VE3DZ NEW	Panama	07	SOAB	VE3DZ	TDDX
	IH9/OK1M	African Italy	33	SOSB 10M	OK1M	OK1M
	J62K	St Lucia	08	M/2	K9HZ	WA4PGM
	J75A	Dominica	08	M/2	F5VHJ	FM5BH
	JD1BQP	Ogasawara	27	SO	LoTW	OPDX
	KH6J	Hawaii	31	M/M	AH6OZ	N6TJ
	KH0/KC0W	Mariana Is	27	SO	KC0W Direct	KC0W
	KP4AA	Puerto Rico	08	M/S	LoTW	KP4AA
	MM1U	Scotland	14	M/S	LoTW	MM0COR

SOME DX IN WWDX CONTEST:

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

OA4O NEW	Peru	10	SO	LoTW	N5ZO
P40W	Aruba	09	SOAB	LoTW	W2GD
PJ2/DH8BQA	Curacao	09	SO	LoTW	MM0NDX
PJ4K NEW	Bonaire	09	SOAB HP	KU9C	N6KT
PJ6Y	Saba & St Eustatius	08	M/?	LoTW	MM0NDX
SX5P	Dodecanese	20	M/M	LoTW	ON4PO
TF/W4BB	Iceland	40	SO	W4BB Direct	OPDX
TI5/VA3RA	Costa Ricq	07	SO	VE3IKV Direct	VE3IKV
TO2M	Martinique	08	SOAB HP	VE3LA	FM5BH
TO4K	St Barthelemy	08	M/?	LoTW	M5RIC
V26B	Antigua & Barbuda	08	M/M	LoTW	N3OC
V47T	St Kitts & Nevis	08	M/S	W2RQ	N2NT
V55Y	Namibia	38	SO	DK2WH	OPDX
V85RH NEW	Brunei	28	SOAB HP	LoTW	JO1RUR
VP2MPN	Montserrat	08	TBD	KB4YPN	OPDX
VP2VRX	Br Virgin Is	08	M/?	LoTW	MM0NDX
Z68MU NEW	Kosovo	15	M/?	S58MU (B/d)	OPDX

SPECIAL EVENT STATIONS:

•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>

11/02/2025 | 50th Anniversary, Sinking of the SS Edmund Fitzgerald W8F

Nov 2-Nov 15, 0000Z-2359Z, W8F, Livonia, MI.

14.260 7.260 7.050 14.050. Certificate. e-certificate, e-QSL only Sat. Nov. 8 only, 1530-2030 UTC W8F
SES will operate at Dossin Great Lakes Museum, Belle Isle Park, Detroit, MI. (POTA K-1487). QSL cert.- electronic ONLY via club website.

livoniaarc.com



The New York Times.

Copyright, 1938, by The New York Times Company.
NEW YORK, MONDAY, OCTOBER 31, 1938.

Radio Listeners in Panic, Taking War Drama as Fact

Many Flee Homes to Escape 'Gas Raid From
Mars'—Phone Calls Swamp Police at
Broadcast of Wells Fantasy

A wave of mass hysteria seized thousands of radio listeners throughout the nation between 8:15 and 9:30 o'clock last night when a broadcast of a dramatization of H. G. Wells's fantasy, "The War of the Worlds," led thousands to believe that an interplanetary conflict had started with invading Martians spreading wide death and destruction in New Jersey and New York.

and radi, stations here and in other cities of the United States and Canada seeking advice on protective measures against the raids.

The program was produced by Mr. Welles and the Mercury Theatre on the Air over station WABC and the Columbia Broadcasting System's coast-to-coast network, from 8 to 9 o'clock.

The radio play, as presented, was to simulate a regular radio news-



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

HAMFESTS:

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

Oktoberfest

HAMFEST/CONVENTION

10/25/2025

Start Date: 10/25/2025

End Date: 10/25/2025

Location: Vietnam Veterans of America

8000 Derry Street

Harrisburg, PA 17101

Sponsor: Harrisburg Radio Amateurs Club

Type: ARRL Hamfest

Talk-In: 147.075 (123) or 717-979-9515

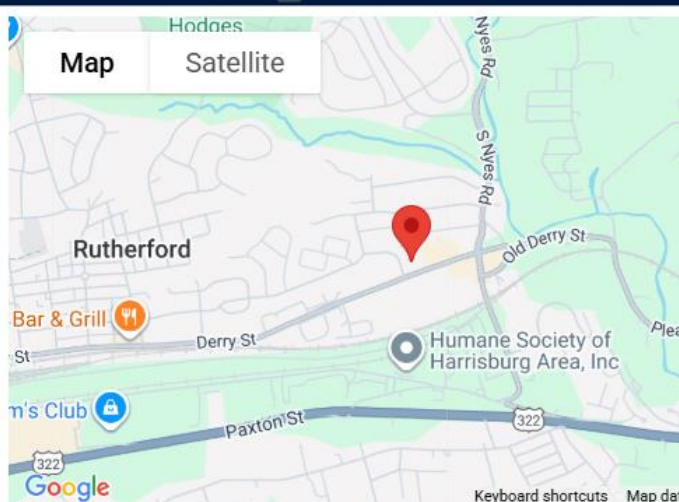
Public Contact: Terry Snyder, WB3BKN

PO Box 355 Halifax, PA 17032

Phone: 717-979-9515

Email: wb3bkn1@gmail.com

Locations



W3UU - Harrisburg Radio Amateurs' Club OktoberFest

Saturday October 25th, 2025



OKTOBERFEST

Electronics Expo and Hamfest



Vietnam Veterans of America #542

8000 Derry Street

Harrisburg, PA 17111

6:00 a.m. to 11:00 a.m. ET.

- 🍷 Admission **\$5.00** per person.
- 🍷 Sellers can **tailgate** in parking lot or table(s) inside;
- 🍷 **Tables inside - \$5.00 each.**
- 🍷 **Tailgate spot - \$5.00 each.**
- 🍷 DXCC/WAS/VUCC QSL card checking on site.
- 🍷 Coffee and snacks available.

No reserved table space.

Unloading can be done at the main doors, and then move vehicle to parking area.



For further information contact:

Terry Snyder

717-979-9515

PO BOX 355

Halifax, PA 17032

WB3BKN1@Gmail.com

Web Site: www.w3uu.org



*** Save the Date! – W3UU WinterFest is January 10, 2026**

ANNOUNCEMENTS & DATES:

- ▶ **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**
 - ▶ 2nd Saturday - 0830 Location: Brothers
- ▶ **General Meeting**
 - ▶ 3rd Tuesday -2000 Location: EOC

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?

