

SPARKS

Monthly Newsletter of the Tri-State Amateur Radio Society

Serving the Tri-State since 1947

September 2024 – Vol. LXXVII, No. 9



The SPARKS Newsletter is published monthly by the Tri-State Amateur Radio Society as a source of information about Club activities, and general news items of interest to the Amateur Radio community.

Material in this newsletter may be reproduced provided that TARS and the article author is properly credited. Complimentary issues of the SPARKS Newsletter are available to amateur radio clubs on a newsletter exchange by e-mailing your request to sparks.w9og@gmail.com.

E-mail subscriptions are provided to all regular TARS members.

News contributions and letters/emails to the editor are always welcome.

TARS regular membership is open to all licensed Amateur Radio operators for \$25.00 a year. An Associate membership is also available to those who are interested in Amateur Radio but do not currently hold a license. Associate membership is \$25.00 a year. Student memberships are also available for \$12.50 a year. Membership information is available at www.w9og.net

The Tri-State Amateur Radio Society meets the second Thursday of each month at the Red Cross, 29 Stockwell Rd, Evansville IN, at 7:00 p.m. Family and visitors are always welcome to attend.

For more information, please contact one of the TARS officers listed in this newsletter or email info@w9og.net.

Presidents Corner

September 2024

September is going to be fun! Now is the time to enjoy Amateur Radio. The sunspot cycle is nearing the top and radio propagation is amazing. You will have to wait eleven or twelve years from now before this wonderful science phenomenon happens again. Do yourself a favor. Call CQ. Talk to someone while the getting is good.

Our meeting will be revisiting the ISS contact that was done for a local school years ago before I was a member. This month was selected because it is an anniversary of the event. I've never put my callsign into space so I'm very interested in how this event was done by members of our club. However, while writing this I just discovered I will be on vacation in Florida so I'll miss it. :(Take notes so you can tell me all about it. I'll try to keep in touch on the ILS with my fusion radio.

Our picnic is also this month. Please bring your favorite potluck dish to share. The club will supply hamburgers and hotdogs. If you don't mind, please consider helping with the event by cooking, cleaning, setup etc. I had announced that we would have a half pot at the picnic but we can't since we are crossing into KY, at John James Audubon Park in Henderson. If you have a fox, please consider hiding one in the park for us to find. If you have a POTA station consider bringing it to activate the park since this is one of the reasons this park was chosen. Bring your family and others interested in radio.

Also, this time of year we start looking forward to our election for the next year. 2025 will be our 78th year our club has met and had officers. That's just crazy to think about. Please consider running for office. If you have been a member for a year you are eligible. I'm excited to see around 30 people attend our meetings. I hope all of you get a chance to mingle and meet before and after the meetings since our club has so many interesting and wonderful people, not to mention the extraordinary talent.

Our Hamtober Fest is in October and it's time to start cleaning the shack. Please look around for items to donate for the club's tables. I really think this is one of the highlights of the Hamtober Fest. I've picked up several items from the table that were super interesting and wonderful bargains. This is our biggest source of income for the club and these donations help us make the club a better resource for local Amateur Radio. So consider donating or getting a table to sell your gear.

I'm usually monitoring our 79-repeater system, so I'll see you there.

Scott Hibbs KD4SIR

President TARS 2023-24

TARS August Meeting 9/12/24

General membership meeting 7:00pm Thursday September 12th. The meeting program will be on the ISS contact TARS made 10 years ago for Evansville Day School.

Eat'n Before the Meet'n

Monthly, we have a meetup before the regular TARS general membership meeting for anyone that would like to join us.

We meet at 5:30, for you to grab a bite to eat, swap stories, tell a few lies and whatever else you like, giving us time to make it to the Red Cross for the meeting at 7:00pm.

This month, join us at **Big Bang Mongolian** 2013 N Green River Rd. [GOOGLE MAP LINK](#)



TARS PICNIC 9/21/24

Hey all it's that time of year for TARS picnic Saturday September 21, 2024. This year it will be held at Audubon State Park in Henderson Kentucky. We will be at the Sycamore Shelter. TARS will provide the hamburgers, hot dogs, buns, condiments. **All members that are coming, please bring your own drinks and a side dish to share with the group.** Everything should start around 9:30 am. And we will eat at Noon.

Hopefully there will be some hidden transmitters for hunting and we will also have at least one POTA station running. So, there will be some activities. I hope to see everyone at the picnic.

[Sycamore Shelter Google map LINK:](#)

Look for a park map on last page of this SPARKS.



Hamtober Fest

It is time to get into high gear planning for Hamtober Fest 2024! It will be held October 19 2024 at the Lynnville Community Center and we need YOU to help make it happen!

TARS Calendar

Sep

- 4 8pm Tri-State Emergency Net (Terry, WB9KQF)
- 5 **TARS Board meeting 6:30 (ZOOM)**
- 7-15 25th anniversary of Route 66 On the Air
- 11 8pm Tri-State Emergency Net (Walt, WB4ZUT)
- 12 **TARS Club Meeting 7:00pm Red Cross**
- 18 8pm Tri-State Emergency Net (Herb, KB9MZH)
- 21 **TARS PICNIC - Audubon State Park**
- 25 8pm Tri-State Emergency Net (Mark, KC9TYA)
- 28 **VE Testing 9:00am Red Cross**

Oct

- 2 8pm Tri-State Emergency Net (Chris, KE9YK)
- 3 **TARS Board meeting 6:30 (ZOOM)**
- 9 8pm Tri-State Emergency Net (Jerry WB9ONU)
- 10 **TARS Club Meeting 7:00pm Red Cross**
- 16 8pm Tri-State Emergency Net (Dave, KC9UVG)
- 19 **Hamtober Fest**
- 23 8pm Tri-State Emergency Net (Terry, WB9KQF)
- 30 8pm Tri-State Emergency Net (Walt, WB4ZUT)

[Connect to the TARS Google Calendar](#)

Connect the TARS Google calendar to your calendar!

First- equipment donations. Do you have equipment or accessories that you would like to donate to the club? TARS will have a sale table at the hamfest to sell these items you donate. Proceeds of course will help the club with its expenses as well as repeater maintenance. Please consider donations and I will be happy to come pick items up from you!!

Volunteer force- we need folks to help setup on that Friday afternoon, help with assisting vendors and guests during the show, help at the sales table, direct parking, as well as help with tear down and cleanup that Saturday afternoon after the hamfest ends. We have had great support in past years from members and ask that you consider pitching in again, or for the first time! It is alot of fun!

Raffle tickets are available for sale. See me or Tom kd9pfh at our meetings or reach out to me if you want to sell some tickets to family, friends, or other organizations you belong to!!

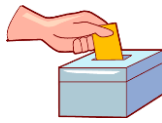
Lastly- talk it up!! Announce it on nets, send emails, invite other clubs!! I want to see another great Hamtober Fest this year! Please help make that happen.

If you will volunteer to help, or have donations for the club, please email me or call me!!

John N9oL

TARS OFFICER ELECTIONS

2025 Officer elections will be at the November 14th meeting, but we are actively looking for nominations and will take them from the floor at the September and October TARS meeting.



Offices up for election are:

President, Vice President, Secretary, Treasurer and 3 Board Member positions.

If you wish to nominate someone or yourself, please contact [Herb Alvey](#) or any member of the election committee. The only requirement is to have been a TARS member in good standing for at least one full year.

SPARKS CONTEST CORNER

By Mark Holland [KDOEE](#)

September 2024

Fasten your seat belts! The Fall contest and DX season is on us. With the cooler weather (hopefully) coming the next few weeks, now is the time to prepare. High solar flux indices along with the fall equinox means conditions should be excellent on the HF bands!

Contests that could be interesting include the All-Asian DX Phone September 7-8 and the CQWW RTTY September 28-29. The All-Asian will undoubtedly be dominated by JA stations, but there will be plenty of rarer SE Asian calls as well. Sunspot numbers should allow 15 meters to be open well into the evening hours – even 11:00 pm! If you are into digital, the CQWW RTTY will keep you busy. It could be possible to work DXCC digital in one weekend.

The big QSO Party is Texas on September 21-22. The exchange is simple: RST and State. Texas stations will send RST and county abbreviation. There are 254 county multipliers. With the simple exchange, now is the time to try those CW skills. IA, NJ, and NH QSO Parties will be operating that weekend as well, but they will be small potatoes.

Some of you aren't interested in contesting but enjoy working DX. Here's two you don't want to miss: American Samoa (KH8T) from September 2-16; and Somalia (600T) from September 9-30. Let the big guns fight it out early and then sneak in near the end of the dxpedition when stations are lonely. Enjoy!

KDOEE

The End of the Road!

Hello Hams, Experimenters, and Repair People. For so many years, we have enjoyed building and repairing electronic circuits. I remember when I was an engineer at CATV and afterward, designing circuits and making my own circuit boards. It was a lot of fun when I could get the parts. For years, I would go to the local Hutch & Son Electronics, knowing they might have the exact part I needed. Resistors came in packs of 2, 4, and 5 for a low price—same for capacitors and transistors. I didn't have to pay for

shipping for a \$1.50 pack of resistors, etc. That said, when Radio Shack went out of business, I was there at the door to buy out the store. I asked for one or two employees to help me pack up the parts into bags and haul the stuff to my sports car. The manager punched in the purchases into the computer, and a paper tape that ran from one end of the room to the other was what I walked out with. Six trips in my sports car, and the store was mine. I did that with three stores in Evansville. The crazy thing is, I found room for all that STUFF, still in the original packaging and storage sacks I carried out of the store. Those were the good old days! Well, I have to say the same now for a parts company that sold parts packs for years and years: Those Were The Good Old Days! Yesterday, I went to Hutch & Son to buy some resistors once again. I was told that the company NTE went out of business the previous Friday. The salesman said he tried to call them, and the last person leaving the company was just packing up his stuff to leave and lock the door. So, where does that leave us? We can still buy parts, but now only in quantities of 100 pieces. One project, one resistor, and 99 in my parts drawer—ha ha! I'm glad that for many years, I've been buying in bulk for future projects! Now that NTE is gone, I have a high quantity of most resistor values, capacitors, and many transistors—not to mention CPU chips. The explanation I got was that not many people build and repair anymore, which is what drove NTE out of business. Well, I still design, build, and repair circuits, so I'm glad I made the decision to stockpile parts many years ago. Now I know I made the right decision. I design and build large Christmas and Halloween displays. Most of the synchronized light show equipment I designed and built myself, and I'm glad I have the parts to get the job done. Someday, you may see my displays on The Great Christmas Light Fight on ABC. All this from collecting resistors and capacitors years ago.

Have fun, Hams!

Your friend,
Terry WB9KQF

Tech Class

The OVARC currently trying to get a list of interest individuals. Once we have a few interested we will then schedule the class. Depending on interest we may follow up with a general class. Anyone interested can contact [Steve K9SRC](#) or Mike AE9OZ.



Free Ham Radio Technician and General Courses by the NSF and NRAO

The U.S. National Science Foundation National Radio Astronomy Observatory (NSF NRAO) is now offering [self-paced amateur radio license study courses](#) for both the [Technician](#) and [General](#) class licenses.

This project was made possible from grants by [ARDC](#), license materials from [ARRL](#), and technical support from [TAPR](#) and [YARC](#). A [press release](#) (PDF) from ARDC.

National Preparedness Month is September

This is a nationwide effort to encourage all citizens to take steps to prepare for emergencies in their homes, workplaces, schools and communities. The U.S. Department of Homeland Security works with a wide variety of organizations to highlight the importance of emergency preparedness and to promote individual involvement through events and activities across the nation. We encourage you to consider this year's Simulated Emergency Test (and all preparations for it) as a demonstration of amateur radio's readiness. More information on National Preparedness Month is found at www.ready.gov.



This year's International ShakeOut Day is October 17, when millions of people worldwide will participate in earthquake drills at work, school, or home!

At 10:17 a.m. (local time) on 10/17, you can join millions of people across the world practicing [earthquake safety](#).

While we encourage participation with everyone, you can [register](#) your ShakeOut drill for any day of the year, and drill at a time of your choice. You can also include people in multiple locations through video conferencing.

Candidates Named for ARRL Director and Vice Director Elections

The ARRL Letter for August 22, 2024

ARRL® has announced that the candidates for the 2024 ARRL Division elections are now official. ARRL members will choose between two candidates for Director in the Hudson, New England, and Northwestern Divisions. The sole candidates in the Central and Roanoke Divisions for both Director and Vice Director are unopposed. The Vice Director incumbents in the Hudson, New England, and Northwestern Divisions are also unopposed.

Declared Elected without Opposition

- In the Central Division, candidate and current Vice Director Brent Walls, N9BA, will be the next Director, having served as Vice Director since 2021, and candidate Josh Long, W9HT, will be the next Vice Director, both candidates running unopposed.

WANTED - WANTED - WANTED

The Antenna Committee is getting lazy and fat.

If you need help with your shack or an antenna install, please reach out to Scott, KD4SIR @ scotthibbs@gmail.com or Jerry, WB9ONU @ wb9onu@hotmail.com or speak up at a meeting. A dozen or so hams are ready and waiting to help.



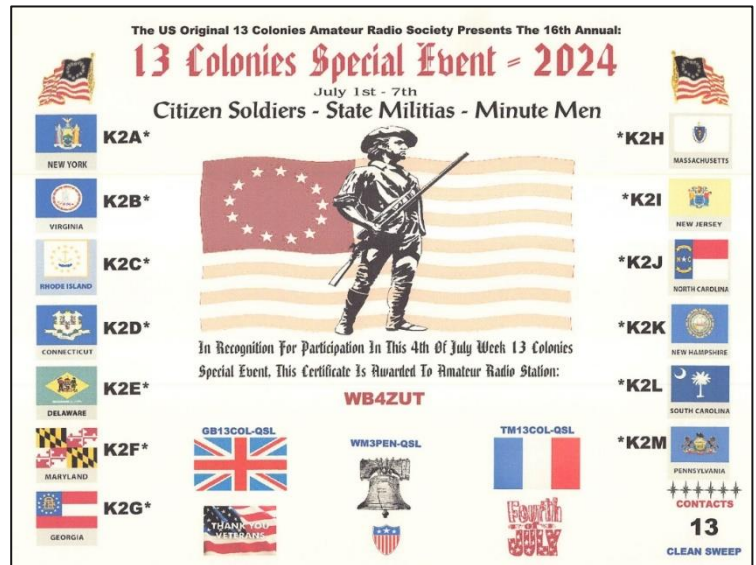
Happy Birthday!

September Birthdays!!!

W9GFS	Bruce Hatfield	5
	Isaac Damm	10
W9KXP	Mike Townsend	13
K9SRC	Steve Connaughton	13
WB9ZFN	Tom Washburne	20

Brag Rag

Walt WB4ZUT has received his 13 Colonies Certificate



Do you have something you would like to submit for the Brag Rag? Send your QSLs, special event certificates, awards, interesting photos, projects etc. to sparks.w9og@gmail.com to have them included in your newsletter.

BITS of Interest

2024 Route 66 On The Air

This year marks the 25th year of this great radio event.

Date: September 7-15, 2024

Time: Start: 0001 Z September 7 End: 2359 Z September 15

Purpose of Event: Is to commemorate the history of the "Mother Road" connecting the east and west areas of the US.

[➔ READ MORE](#)

The Rich History of Ham Radio Culture

Drawing on a wealth of personal accounts found in magazines, newsletters, and trade journals, historian Kristen Haring provides an inside look at ham radio culture and its impact on hobbyists' lives. [➔ READ MORE](#)

Connecting Earth to Space:

How Amateur Radio Links us to the ISS

Have you ever wondered how we communicate with astronauts aboard the International Space Station (ISS)? This incredible process combines technology, planning, and dedicated individuals, like Martin Diggins. Martin, an amateur radio station operator from Mandurah, is one of only nine people worldwide who help connect Earth to the ISS through radio transmissions.

[➔ READ MORE](#)

Sunspots surge to 23-year high as solar maximum continues to intensify far beyond initial expectations

The average number of visible dark patches on the sun's surface in August was higher than any other month since September 2001. The final count was more than twice as high as experts initially predicted it would be.

[➔ READ MORE](#)

VE Testing

Sep 28 Nov 23 Dec 28 Jan 25 2025

You will need to know your FRN number. If you have a license currently you have an FRN number. If you do not yet have a license you can register with the FCC and obtain an FRN number. Go to www.fcc.gov/register.

If you need help or have questions, please let me know at n9ol@arrl.net.

Examinations will start promptly at 9:00 AM Central time.

We have no pre-registration, and examinations are administered on a walk-in basis. Details can be found at:

<http://w9og.net/ve-testing>

For more info contact: [John VanVorst N9OL](mailto:John.VanVorst@N9OL) c: 812.305.4100



Vanderburgh Co. ARES/RACES

The next meeting will be Sep 19th, 6:30pm at the Vanderburgh Co. EMA west side training facility, [1440 Harmony Way](#).

Anyone interested in emergency communication in Vanderburgh County is invited to contact us for more details.

Vanderburgh County Auxcomm

Chris KE9YK IN82RACES@gmail.com

Vanderburgh Co RACES Officer

c: 812.453.1972 Hamshack Hotline: 12604 WinLink: KE9YK



An EMP-Resistant All-Bank EmComm Go-Kit: Addendum

The ARES® Letter for August 21, 2024

[Editor's Note: The August issue of QST carries the article "An All-Bank EmComm Go-Kit" authored by Randy Richmond, W7HMT, Assistant EC with the North Bend, Washington ARES team. The article details the construction of an easily deployable, Winlink-capable, transceiver/battery combination. Here is Richmond's supplement to that article that describes ways in which the kit was designed to be resistant to potentially radio damaging electro-magnetic pulse (EMP)].

The EmComm station go-kit is housed in a surplus steel instrument case that has been modified to increase its resistance to electro-magnetic pulses (EMPs) while the go-kit is standing by for deployment. At the same time, the go-kit station takes very little time to deploy.

Having some experience with EMI suppression in my pre-retirement job as an electrical engineer, I knew that the case with its relatively loose-fitting lid would not make an ideal Faraday cage. To be an effective EMP shield, you want very little voltage difference between any two points of the case even under high induced currents. This is mitigated by ensuring low resistance connections between all surfaces of the "cage."

To improve the EMP resistance I fitted the four mating edges between the case and its lid with plated copper shielding finger stock EMI gasket strips. To ensure good electrical contact with the case, I removed the paint along those edges of both the case and its lid and painted the exposed steel with conductive suspended silver paint (to prevent rust while still retaining conductivity). Then I pop-riveted the gasket to the edge of the case that overlaps the lid using stainless steel rivets (to prevent bimetallic corrosion).

The setup is only EMP-resistant when its external cables are removed and the lid is secured. In actual deployment with antennas connected, it is very unlikely that any radio could survive a significant EMP event. However, when I use this station, I do bring along coaxial lightning protectors, which screw directly to the case's UHF coax connectors in the hope that it might improve survivability while deployed.

Often, hams house their go-kits in steel ammo cans. The steel itself is a good shield, but without modification it is an incomplete Faraday cage because the rubber-gasketed waterproof lid is only grounded along two of the four edges at most (assuming that a good steel-to-steel electrical contact occurs through the paint and/or rust on the hinges and latch). What would improve the EMP resistance of steel ammo cans is to put the same kind of EMI gasket along the sides of the can where the lid edge overlaps the can's sides. Here is an eBay source for such EMI gasket.

If you are considering building an EmComm station go-kit, I hope this shows how you can also make it EMP-resistant. Radio-destroying EMPs are rare, but if or when one should occur, it will surely be the time when EmComm deployment is needed most. If you want to be ready when needed most, consider EMP-proofing your EmComm equipment.

About Electromagnetic Pulse (EMP)

An EMP or electro-magnetic pulse can induce high current in exposed wire, even as short as PCB traces, but especially in long wires such as antennas and antenna coax, and the national electrical grid. This high current results in voltages that can easily exceed the maximum rated voltage of the electronics attached to those wires, resulting in degradation, damage or destruction of the attached electronics.

EMPs can occur naturally from a nearby lightning strike or extreme solar flares (such as the 1859 Carrington Event, which disrupted and damaged the early telegraph systems). They can also occur artificially from nuclear explosions, especially explosions in the upper atmosphere of the earth (such as the USA Starfish test of July 1962, which damaged many electrical and electronic systems in Hawaii).

A Faraday cage (named after Michael Faraday, credited with significant contributions to the discoveries of electromagnetism and inductance) consists of a continuous covering of conductive material which distributes electric charges canceling field effects in the cage's interior. Faraday cages are considered among the best protections for electronics against EMPs but are generally only useful while the electronics are being stored (because most electronics are not functional or useful while inside a Faraday cage). -- Randy Richmond, W7HMT, North Bend, Washington Shelter Management and Comms

K1CE for a Final: On County Shelter Management

The ARES® Letter for August 21, 2024

Always remember, a shelter is a refuge of last resort. Friends or families that can temporarily house you, is the first choice. Many counties do not have pet-friendly shelters. If you go to a shelter, there is often little to no privacy. They can be noisy and you will likely get just a cot and possibly a blanket.

In my rural county, there are 21 locations that potentially can serve as shelters during various incidents. It is important to understand what the types of shelters are, and that county emergency management does not open every shelter at once. (Opening shelters requires personnel to work in those shelters; they need to have staffing on a 24 hour basis).

There are three different types of shelters that are available: risk shelters; a special needs shelter; and host shelters. Host shelters

can provide shelter after a storm has passed. These shelters are in older schools and community centers. They do not provide protection from an incoming storm.

Risk shelters can provide a certain amount of protection to those taking shelter from an incoming storm. In my county, these shelters are newer construction at local schools. If it is a risk situation, then the county has four newer schools to choose from. It is important to know that a risk shelter can be used as a host shelter, because after a storm passes no additional protection is likely to be needed. Host shelters cannot be used as risk shelters.

The last type of shelter is a special needs shelter, for those with limited medical conditions. Potential residents of a special needs shelter must have a form filled out annually on file. The Health Department helps with nurses for special needs shelters. Also, anyone coming into a special needs shelter must have someone with them to help with their care. While nurses are on-scene, they do not have the time to devote time to each individual patient that is in the special needs shelter.

All ARES members should have a working knowledge of their area's shelters and shelter policies – you may be asked to deploy to one. – Rick Palm, K1CE, Columbia County, Florida

Warrick Co. ARES/RACES

The Warrick County ARES/RACES group meets on the second Monday of each month. The meeting begins at 6:30pm and generally is completed by 9:00pm. The meetings are held on the third floor of the Court House in the EMA Conference room. Anyone needing additional information concerning meetings or location contact: Chris L. Owen at KC9CLO@gmail.com

HAMFEST/CONVENTION

10/12/2024 - Hoosier Hills Hamfest

Location: Bedford, IN

Sponsor: Hoosier Hills Ham Club

Website: <https://hoosierhillshamfest.com/>

10/19/2024 - Hamtober Fest

Location: Lynnville, IN

Raffle for Yaesu FT891

Door prizes

Sponsor: Tri State Amateur Radio Society

Website: <http://hamtoberfest.com>

For a full listing of ARRL hamfests, go to:

<https://www.arrl.org/hamfests-and-conventions-calendar>



Secretary Report

Tars Board meeting 8/1/24

Meeting called to order at 6:30

Members present: Scott KD4SIR, Jerry WB9ONU, Tom KD9PFH, Chris KE9YK, Charlie WB8LDV, Walt WB4ZUT, Ross KC9JOV and Herby KB9MZH.

Secretary report Chris KE9YK

Treasurer Report Tom KD9PFH with an ending balance of \$6847.20

Scott, FTM 300 is mute, need to contact YAESU

Kit Build, had issues with cap placement. Scott purchased more caps to fix ones that had issues.

Hamshack Hotline, Scott needs to get with Dave WB9YIG since he is the club call trustee.

Repeaters: Burnt Prairie work day tomorrow to put back online. 835 link node disconnecting. Mark is going to switch out the usb cable to a shielded one to see if that helps.

TARS Picnic: Picnic will start at 9:30 and we will eat at Noon. TARS to provide hamburgers, hot dogs and tableware. Tom has hotdogs frozen from ?? and will check to see if they are still ok. Will need burgers and buns. Will ask members to bring a side dish to share.

Will have POTA station, Fox hunt? Corn Hole?

Walt WB4ZUT made motion for \$150 picnic budget. Second Charlie WB8LDV. Motion PASSED

Hamtober Fest: Selling tickets for raffle on FT891

Election Committee: Herb KB9MZH volunteered to be chairman

Ross KC9JOV will have an antenna party Oct 5th.

Upcoming meetings

Nov. Election, need program.

Dec. Christmas party with DIRTY SANTA gift exchange. \$15 max gift. Can be a white elephant gift.

Meeting adjourned 7:38pm

Minutes submitted by Chris Lantaff KE9YK

Treasurer Report

Tri-state Amateur Radio Society

Financial Report for

July 2024 (prepared 7/27/24)

Amateur Radio Society Primary Account

Opening Balance: \$6,490.70

TARS sub-accounts

General Fund sub-account

Opening Bal \$3,195.41

Receipts:

Membership \$75.00

FTDX10 Donation \$310.00

Total Receipts --->> \$385.00

Expenditures:

Aluminum Paint, Herb Alvey (\$10.00)

Indiana Business Entity Report(\$22.50)

Total Expenditures--->> (\$32.50)

Ending Balance General Fund \$3,547.91

Repeater Maint & investment - Restricted acct

Opening Balance \$2,137.30

Receipts:

Adjustment \$4.00

Total Receipts --->> \$4.00

Expenditures:

None \$0.00

\$0.00

Ending Balance of Repeater Restrictd sub-account \$2,141.30

Red Cross Fund - Restricted Acct

Opening Balance \$1,157.99

Receipts:

None \$0.00

Total Receipts --->> \$0.00

Expenditures:

none \$0.00

Total Expenditures--->> \$0.00

Ending Balance of Red Cross Restrictd sub-account \$1,157.99

Ending Balance - TARS primary Checiking Account \$6,847.20

TARS IGC (IN Gaming Commission) restricted checking account:

Opening Balance \$203.97

Receipts:

Faffle Ticket Sales \$115.00

Total Receipts --->> \$115.00

Expenditures:

Purchase Raffle Tickets (\$70.61)

Total Expenditures--->> (\$70.61)

Ending Balance of IGC Restrictd checking account \$248.36

Tom Hilgeman KD9PFH – TARS Treasurer

Your input is important

Sparks is **YOUR** information source for club activities and local Amateur radio information.

In each issue we ask for submissions from club members. Tell us about your station, projects you have made or are making, anything interesting the TARS membership might be interested in.

Submission deadline is the 25th of the month.

Most any document format is acceptable.

Photos or graphics of your subject are welcome.

Send your article to: sparks.w9oq@gmail.com

Looking Ahead

2024

[Route 66 Special Event](#) September

[TARS PICNIC September 21](#)

[TARS 6th annual HAMTOBER FEST October 19, 2024](#)

Jamboree-on-the-Air third full weekend in October

SKYWARN Recognition Day, First Saturday, December

2025

Straight Key Night January 1 from 0000 UTC through 2359 UTC

ARRL Kids Day Jan First Saturday

[Winter Field Day January](#)

[TARS Banquet February 2025](#)

[INQP May](#)

MUSEUM SHIPS WEEKEND June 1-2 2024

[Lewis and Clark Trail On The Air June](#)

ARRL Kids Day June Third Saturday

[Field Day June 22-23, 2024](#)

[13 Colonies Special Event](#) July

International Lighthouse and Lightship Weekend (ILLW) third full weekend of August

TARS is an [ARRL](#) affiliated club

ARRL [Central Division](#)

Division Director: Carl Luetzelschwab [K9LA](#)

ARRL [Indiana Section](#)

Section Manager: Bob Burns [AK9R](#)



TARS mailing address:

TARS

P.O. Box 4521

Evansville, IN 47724

Don't forget to check out our web page www.w9og.net

Facebook Group

<https://www.facebook.com/groups/TARSw9og>

TARS Groups.io email list: TARS@Groups.IO

TARS E-mail: info@w9og.net

2024 Club Officers - Board members

President [Scott Hibbs KD4SIR](#)

Vice President [Jerry McIntosh WB9ONU](#)

Treasurer [Tom Hilgeman KD9PFH](#)

Secretary [John VanVorst N9OL](#)

Board of Directors

[Charlie Martin WB8LDV](#) (2023-2024)

[Brian Esche WB9QVR](#) (2023-2024)

[Walter Egenmaier WB4ZUT](#) (2023-2024)

[Ross Cecil KC9JOV](#) (2024-2025)

[Mark Holland KD0EE](#) (2024-2025)

[Terry McCraey WB9KQF](#) (2024-2025)

SPARKS Editor:

Chris Lantaff KE9YK

E-mail: sparks.w9og@gmail.com

