

Monthly Newsletter of the Tri-State Amateur Radio Society Serving the Tri-State since 1947

May 2024 - Vol. LXXVII, No. 5



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

May 2024

I know if you are reading this you share my love of Amateur Radio. We love the magic of radio waves, the romantic ideal of reaching out to someone in the distance, exploring a new technology, building and assembling equipment to accomplish a task, helping our community in an emergency. There's more and I really could make it sound like Bubba Gump Shrimp and I feel bad about not mentioning a lot more like elmering someone into the hobby or learning to solder or programming a radio. I really am trying to stop. What I love most is our club. We are lucky enough to live in an area with a lot of hams who are willing to come together to share our joy. Activities and resources help, but it's the wonderful people and friendships that matter.

That being said, we need help for our Indiana QSO Party on May 4th. Several of us who were helping put on the event have had scheduling changes and can't make it. We need individuals to bring stations to operate. We need a morse code/digital station and one or more HF stations. We believe there will be several new hams at the event and we want to get them on the air. So if you can make it to this event please contact me.

I was at the testing session today (27Apr2024) and we welcomed three new hams into the hobby here in the area. They joined the 10,814 new Techs added in America so far in 2024. No clue how many new hams have been added in all the other countries. My point is that you shouldn't believe Amateur Radio is dying. No way. One of the new techs helped several of us put our carpet down in the shack after the test session. Which brings me to another thing you shouldn't believe that's going around and that is a "sad ham". The term is simply oxymoronic. Hams are by definition happy people. The only sad ham I've ever encountered is when their equipment gave up that magic smoke that made them run.

We got a lot of Amateur Radioing coming up so pay attention to this Sparks and get ready!

73, Scott Hibbs KD4SIR President TARS 2023-24



TARS April Meeting 5/9/24

General membership meeting 7:00pm May 9th at Red Cross.

The May meeting program will be presented by Brian WB9QVR "Sizing Up IP Addresses - IPv4 to IPv6".

We will also have a discussion on the Lewis and Clark Trail On The Air Special Event Station activity by John N9OL.

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 Arby's, 1340 N Green River Rd, Evansville, just south of Rafferty's.

Lewis and Clark Trail On The Air!

TARS is an activating club again this year for the Lewis and Clark Trail On The Air special event, to be held June 1-16, 2024. This will be the third year for this annual special event and TARS has represented Indiana fort all 3 years! It is lots of fun. If you have never operated a special event station, I am sure you will want to sign up to participate this year. We had a great group last year of ops and much fun was had! It is not a big commitment – you sign up to operate for as long as you have time for. Watch for more info at meetings and on the TARS@groups.io mail group. If you signed up last year I will add you to the operator list again this year- watch for the registration email. If you didn't operate this event last year and want to give it a try- even for an hour or twoplease let me know at n9ol@arrl.net.

73!

John N9oL

ARRL Field Day!

Make plans to attend our Field Day operation on June 22 through the 23rd! TARS will be set up on the grounds of the Red Cross here in Evansville with several stations on the air. This is a great opportunity for all hams- new, old, and in between- to come out and get on the air. If you need help or are unsure about picking up a microphone there will be hams there excited to help you! We also run a GOTA (Get On TheAir) station for getting people on the air who may not work HF very much, or at all. Even unlicensed folks can get on the air!

To make this event work we need folks to step up and help. We need:

Station Captains - folks who will manage one of the stations, making sure it gets set up, had operators to operate it, etc. I didn't say you do this alone- there will be help on site and the station captain enlists others to bring needed supplies. So please step up and be a station captain! We need 3 possibly 4!

TARS Calendar May 1 8pm Tri-State Emergency Net (Mark, KC9TYA) 2 TARS Board meeting 6:30 (ZOOM) 4 INQP - Scott Twp Park, set-up 8am 8 8pm Tri-State Emergency Net (Chris, KE9YK) 9 **TARS Club Meeting 7:00pm Red Cross** 15 8pm Tri-State Emergency Net (Jerry WB9ONU) 18 **VE Testing 9:00am Red Cross** 22 8pm Tri-State Emergency Net (Dave, KC9UVG) 29 8pm Tri-State Emergency Net (Terry, WB9KQF) June 5 8pm Tri-State Emergency Net (Walt, WB4ZUT) 6 TARS Board meeting 6:30 (ZOOM) 12 8pm Tri-State Emergency Net (Herb, KB9MZH) 13 **TARS Club Meeting 7:00pm Red Cross** 19 8pm Tri-State Emergency Net (Mark, KC9TYA) 22-23 ARRL Field Day at Red Cross 26 8pm Tri-State Emergency Net (Chris, KE9YK) 29 **VE Testing 9:00am Red Cross** Connect to the TARS Google Calendar Connect your calendar to the TARS Google calendar!

GOTA Coach – someone interested in operating the GOTA station as a mentor to folks wo get on the air and need assistance.

Food/Drink/Refreshments manager - helps to arrange food, snacks, drinks etc. on site for the event.

Safety officer. Ensures that cables and other hazards are clearly marked so no one gets injured, and that safe practices are used throughout the weekend.

Publicity coordinator – gets the word out to local media outlets, social media, etc. Also sees that a information table is set up for the event with displays and pamphlets, brochures, etc.

So as you can see, there is a place for you to fill in and help. In addition, we need people to operate the stations. We operate 24 hours, so if you are a night owl and can operate through the night or partially so, please do so.

I am really looking forward to Field Day- my favorite weekend of the year. I hope you will join in the fun. If you have a question about Field Day, about any of the info above, please contact me at n9ol@arrl.net

73!

John N9oL

Is that "free" tower or antenna really going to be free?

By Bob Pointer N9XAW

The one thing that bears mentioning is the very common situation where someone has a tower or antenna they no longer want. Either a family of a silent key wants it gone, the owner has lost interest in radio or perhaps you may have bought some property with a tower already on it.

I see a lot of offers saying if you take it down you can have it free. This sounds great but let's consider what you might be getting into

- Liability: If you damage the property taking it down, who is responsible for paying for it? The person wanting you to take it down, you, or everyone that is helping you? The owner's home owner insurance may not pay a dime.
- What if you or one of your helpers is injured? Are you or they on their own for medical expenses?
- The gin pole is a common method of taking a tower down a section at a time. This requires a lot of climbing. Are you using the appropriate safety equipment?
- Bolts, nuts and other fasteners often freeze over time and become

difficult if not impossible to remove. Trying to remove them at the top of a tower invites trouble and an accident waiting to happen.

- Hiring a bucket truck or crane seems like a safe but expensive way but again, if the truck damages property, who is liable?
- Safety: Are there power lines nearby? Is there even a remote chance something you are doing could come in contact with them?
- Age: If the tower has guy wires, how old are they? Do you see rust or corrosion on them? Are they still securely fastened? Do you trust your life on them enough to climb?

Think it over carefully. That free tower may cost you more in the long run.

DE N9XAW Be Safe.

Antenna Committee

Jerry WB9ONU and I (Scott KD4SIR), recently visited David KF6XA and we sat in his backyard and discussed antenna possibilities. He currently has a fan dipole that works well on HF. We dreamed all kinds of things that would make his wife and neighbors upset. Jerry and I live nowhere near him so this wasn't a concern for us. Our consensus was a vertical like the Gap Titan for DX and a loop that would go around his backyard on a wood fence. We will see what he decides.

I visited Herby KB9MZH and straightened the pole holding up his antenna. It had tilted over in the recent storm. I added another clamp so it wouldn't do it again. All is well.

Future Antenna Parties that need to be scheduled:

Mark KD0EE lost both his HF antennas in a recent storm. He announced on the weekly net that he is back on HF but may need more help. Say when.

Terry, WB9KQF, recently announced his older model car is impossible to put antennas on. Challenge accepted. Pick a time and place so we can make it into something the ghostbusters would drive.

Dennis KA9VRX may need help getting a section of tower in place and other items. More information forthcoming.

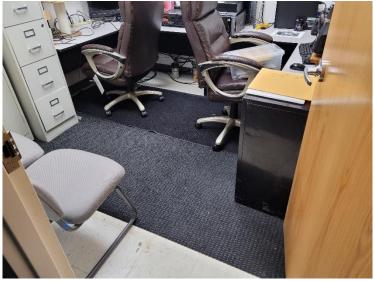
If I've overlooked you or if you need help, please call me (812-581-0631) or Jerry (812-760-6934) to schedule your antenna party.

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.

New Carpet in the Shack

After the test session David KF6XA, Walt WB4ZUT, Scott KD4SIR and one of the brand-new hams, Brad from Henderson, moved furniture and put the carpet down in the shack. It will help with soundproofing the room. We had to put the runner back where it was since it was the only place that it fit. Looks Good. Thank you, fellas!



2024 ARRL Field Day Theme: Be Radio Active

The ARRL Letter for March 14, 2024

The theme for 2024 ARRL Field Day is "Be Radio Active." The event will run on June 22 - 23, and it will be one-part contest, one-part

emergency communications exercise, and one-part open house -- and a great time. The theme encourages radio amateurs to take advantage of the peak of Solar Cycle 25, which we are nearing. Activity this year is likely to be extremely high thanks to favorable solar conditions. The upper HF bands, such as 15 and 10



meters, should benefit most from the Cycle's peak.

There are resources available already for clubs and individuals to make their Field Day plans. ARRL will publish more information and tools so that hams can make the most of the event as it draws near. Amateurs interested in learning more are invited to join the <u>Field Day Facebook</u> group to connect with others who are planning for the big weekend.

Find links to all of the resources on the ARRL Field Day web page at www.arrl.org/field-day.

New ARRL Basic EmComm course launched

The ARRL Learning Center has launched a new online course "designed to provide basic knowledge and tools for any emergency communications volunteer". The course is expected to take approximately 10-20 hours to complete and is open to all ARRL members.

To find out more, go to:

https://learn.arrl.org/learning-paths/emergency-communications/?pathPage=%2Farrl%2Fcourses%2F67044

HAARP

The High-frequency Active Auroral Research Program (HAARP) will be conducting a new research campaign on May 8 - 10, 2024, and amateur radio operators can participate by monitoring signal reports. Using high-powered transmitters located at the HAARP facility at the University of Alaska Fairbanks, HAARP transmissions will be between 2.8 MHz and 10 MHz, although operating frequencies and transmitting times may vary depending on propagation. Transmitting times scheduled on May 8 - 9 are 2000 - 0200 UTC and 2000 - 0230 on May 10. The experiment is designed to study mechanisms for the detection of orbiting space debris, which are a major risk to space operations, including manned spacecraft and communications satellites. The experiments being performed at HAARP will help identify ways to improve collision detection on satellites. Amateur radio operators, shortwave listeners, and radio astronomers with receivers or software-defined receivers (SDRs) capable of 8 MHz bandwidth can monitor the entire frequency band during the experiments and report band conditions. A HAARP QSL card for reception reports will also be available to those who send reports to: HAARP, P.O. Box 271, Gakona, Alaska 99586 USA. More information about HAARP experiments can be found at <u>FAQ | HAARP</u> (alaska.edu).

A Heavy Sad Heart

April 25, 2024

Dear Fellow Hams and Friends,

It is with a sad heart as I write this letter.

As many of you have heard by now, MFJ



is ceasing its on-site production in Starkville, Mississippi on May 17, 2024. This is also the same for our sister companies' Ameritron, Hygain, Cushcraft, Mirage and Vectronics.

Times have changed since I started this business 52 years ago. Our product line grew and grew and prospered. Covid changed everything in businesses including ours. It was the hardest hit that we have ever had and we never fully recovered.

I turned 80 this year. I had never really considered retirement but life is so short and my time with my family is so precious.

I want to thank all of our employees who have helped build this company with me over the years. We have many employees who have made MFJ their career for 10, 20, 30, 40 and more years.

We are going to continue to sell MFJ products past May 17, 2024. We have a lot of stock on hand. We will continue to offer repair service work for out-of-warranty and in-warranty units for the foreseeable future.

Finally, a special thanks to all of our customers and our dealers who have made MFJ a worldwide name and a profitable business for so many years. You all are so much appreciated.

Sincerely Yours, 73s

Martin F. Jue, K5FLU



May Birthdays!!!

N9PDL	Mark Decamps	14
K9EPD	Jeremy Matthews	20
KC9YIL	Danielle Day	26

Brag Rag

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.

VE Testing

May 18 Jun 29 Jul 27 Aug 31 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.

ARRL RER VEC

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 c: 812.305.4100

HAMFEST/CONVENTION

05/17/2024 - 05/19/2024

Dayton Hamvention, ARRL National Convention

Location: Xenia, OH

Sponsor: Dayton Amateur Radio Association

Website: https://hamvention.org

08/17/2024 - 08/18/2024

Huntsville Hamfest, ARRL Southeastern Division Convention

Location: Huntsville, AL

Sponsor: Huntsville Hamfest, Inc. Website: http://hamfest.org

09/07/2024 - Greater Louisville Hamfest 2024

Location: Shepherdsville, KY

Sponsor: Greater Louisville Hamfest Association

Website: http://LouisvilleHamfest.com

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



WATCH FOR RAFFLE ANNOUNCEMENT!
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

Vanderburgh Co. ARES/RACES

The next meeting will be **May 16**th, 6:30pm at the West Side EMA training center.

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

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



While the NWS doesn't currently have any SKYWARN classes scheduled in Evansville, there are some online webinars scheduled.

For the full schedule and more information check out the PAH spotter training page at:

https://www.weather.gov/pah/spottertraining

Secretary Report TARS Board Meeting 04/01/2024

Zoom meeting called to order at 6:38PM by Scott KD4SIR

Members Present indicated with X below:

Χ	Scott Hibbs KD4SIR, President	Χ	Jerry McIntosh WB9ONU, Vice President
X	John VanVorst N9OL, Secretary, RC liaison, VE Chair, Repeater Chair, Hamtober Fest Chair	X	Tom Hilgeman KD9PFH, Treasurer
Χ	Charlie Martin WB8LDV, 2024	Х	Rick Finical KF0TL, 2025
Χ	Brian Esche WB9QVR, 2024	Х	Cecil Ross KC9JOV, 2025
Χ	Walt Egenmaier WB4ZUT, 2024	Χ	Mark Holland KD0EE, 2025
		Х	Dave Sandine
Χ	Chris Lantaff KE9YK, Secretary		Mike Townsend W9KXP
Χ	Herb Alvey KB9MZH		Dennis Martin WA2USA
	Duane Vanderpool K3LWD	Χ	Dave Julian WB9YIG, Trustee w9og
Χ	Dave Sandine KC9UVG		

Other attendees: None

Meeting Notes:

 Treasurer report read by Tom KD9PFH with ending balance in General fund account \$7,769.41. Report accepted.

- Secretary report read by John N9oL. Report accepted.
- Scott KD4SIR reminded all board members and officers that we are the welcoming committee at club meetings and functions. Make everyone feel welcome.
- Scott presented the need to renew the Zoom account in the amount of \$159.90. Motion to pay that amount made by Walt WB4ZUT; and seconded by John N9oL. Motion passed.
- Shack improvement- John N9oL presented recommendation to purchase from Sams club, qty 2 office chairs at a cost of \$199.99 plus tax each. These chairs have a 10-year warranty and are a more comfortable and durable chair. Motion to approve this purchase made by Charlie WB8LDV, seconded by Mark KD0EE. Motion passed.
- Repeater committee reported:
 - The receive site at St Vincent hospital is back online for the 146.79 system.
 - Dave WB9YIG will contact Cliff Weaver of the EMA to begin discussions about improving the quality and restoring failed equipment on the 146.79 system.
 - John N9oL mentioned the plan to move the remote Wires-X node for the EVV-West 146.835 repeater. This is currently at Mike Townsends home, and it needs to be moved. We are planning to move this node to the home QTH of Scott KD4SIR. This will be further discussed and finalized at the next Repeater Committee meeting.
 - Next repeater committee meeting scheduled for 1/31/2024 at 6:30PM over Zoom.
- Scott mentioned that he has received some code oscillators and decoders from China. He will devise a volume control for them.
 Brian WB9QVR offered his assistance.
- Winter Field Day will be held Jan 27, 2024 at the Scott Township Park.
 - Brian WB9QVR will set up networked computers for the event.
 - Setup will start around 9am CST that morning and we will operate until late afternoon or whenever everyone decides to pack it in.
 - There was a discussion of what rigs to use and it was the desire of the board to use the club radios.
 - There was a discussion of what antennas will be used.
- TARS banquet to be held on Feb 8 2024 at 5:30PM at the Golden Corral restaurant in Evansville. Walt is chairperson for the event. Costs will be \$16.99 per person plus drinks are \$3.99 each. Members will pay for their tab and TARS will pay the tip.
- January meeting is the TARS auction night. Ed K9VHI will be auctioneer. There was a discussion on whether to videotape the auction and it was decided no.
- Chris KE9YK presented that the fees for the 2 websites –
 hamtoberfest.com and hamtoberfest.org are due for renewal.
 Last year the cost was \$40.98 and this year's fee was not exactly
 known. Motion was made by Rick KFOTL to pay this up to amount
 up to \$50 to renew the sites, and motion was seconded by Walt
 WB4ZUT. Motion passed.
- Discussed using Zoom to host and record TARS regular meetings going forward. No decision was made at this time although the general feeling was in favor.
- Future meetings: Feb is the banquet, and March is ham shack accessory show-and-tell.

Meeting adjourned at 8:24PM CST Respectfully submitted: John C Van Vorst, TARS Secretary

TARS General Meeting 4/11/2024

Meeting called to order by Scott KD4SIR, 7:00 pm. With 24 members present.

- Treasurer Report with an ending balance of \$4467.95
- Jeremy K9EPD discussed web services that TARS might want to look into before our next renewal
- Scott reminded everyone on the groups.io list.
- July meeting is a kit build. Scott showed the qrp cw rig we would build and passed a sign-up sheet for anyone that would like to order one.
- Scott talked about a Yaesu DRX1 repeater that was donated by his old club. There will be a repeater committee meeting April 17th.
 Scott had info on the 146.79 repeater system.
- INQP, May 4th at Scott Twp Park. Brian WB9QVR will have a rig, antennas and logging computers. John N9OL will have SSB and CW station. 8 am set-up, INQP starts at 10 am. We will order pizza for lunch, Tom KD9PFH will have coffee.
- Field Day, June 22-23 at Red Cross
- TARS Picnic 9/21/24 at Audubon Park in Henderson at the sycamore shelter. We will have POTA set-up and more info to come.
- Hamtober Fest Oct 19th.
- Louis and Clark Trail On The Air, June 1-16. Sign up soon. Contact John N9OL for more info and watch the May SPARKS.
- Next month the meeting program will be presented by Brian WB9QVQ on internet addressing and changes happening currently.
- Scott also reminded everyone if you have any TARS history, old newsletters etc. Get with Scott so he can scan or document what you have and add it to our files and the internet TARS history site.
- Program by Jeremy Matthews K9EPD on distracted driving, hands free devices and the local DMR repeaters. The DMR repeaters are in the Brandmeister node network, Deaconess is 313159 and the East side ERS is 311836. Jeremy also has a GMRS repeater on 462.575.

\$7,541.49

Meeting adjourned at 9:00 pm
Respectfully submitted
By Chris Lantaff KE9YK in absence of the secretary.

Treasurer Report

Financial Report for March 2024 (prepared4/1/24/24)

Amateur Radio Society Account Opening Balance:

Receipts:
Memberships \$130.00

Total Receipts --->> \$130.00

Expenditures:

Computer- Ron Sharp (check #1138) (\$225.00)
W9OG Web Hosting (\$176.34)
Scott Township Shelter for IN QSO (\$175.00)
Audubon Park Shelter for Picnic (\$127.20)
Transfer to Repeater Funds Tab (\$2,500.00)
Total Expenditures--->> (\$3,203.54)

Ending Balance \$4,467.95

Restricted Accounts

Repeater Funds \$2,500.00
Red Cross \$1,066.99
TARS IGC Account \$900.81

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 **25**th of the month.

Most any document format is acceptable.

Photos or graphics of your subject are welcome.

Send your article to: sparks.w9og@gmail.com

Looking Ahead

2024

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 PICNIC September 21

Route 66 Special Event September 11-19

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 3, 2025

TARS @ Groups.IO



Have you heard about the TARS Groups.io email list?

You can subscribe at https://groups.io/q/TARS or by sending an email to TARS+subscribe@groups.io directly.

The mail list is an area where you can ask questions or get the latest information on club happenings.

For HELP on the Groups. IO site, send an email to:

TARS+help@groups.io

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 McCrarey WB9KQF (2024-2025)

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Chris Lantaff KE9YK

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