

SPARKS

Monthly Newsletter of the Tri-State Amateur Radio Society

Serving the Tri-State since 1947

November 2024 – Vol. LXXVII, No. 11



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

November 2024

A common phrase starting in the 1800's was "Where there is a will, there is a way" but it was originally "To him that will, ways are not wanting" which was found in the 1640 book of common proverbs "Jacula Prudentum" (Darts of the Wise) by George Herbert. For this president's corner I want to turn the phrase into "This is the Amateur Radio Way" like a Mandalorian.

What is the Amateur Radio Way? It's what happened in our club within the last month. Our repeater committee has gotten more active this year and as a result, we made a request with one of our members, Nick KB9RMY who is the Deputy Director with the Evansville Vanderburgh County EMA, to look into the issues we are having with our 79 Repeater System. Nick stated that they didn't currently have the funding to fix the EVCEMA repeater equipment on our system and one of those issues is that their antenna is tilting away from the tower. However, on the behalf of TARS, he submitted a grant application with the West Side Nut Club to fix the tower related issues. Last week he informed us that the grant has been granted and TARS will receive \$4,500! The TARS Board members voted to receive the money from the West Side Nut Club and earmark it for these repairs by the EVCEMA. A huge thanks to the West Side Nut Club for donating to our charity and another huge thanks to Nick KB9RMY for being our Mandalorian and teaching us the Amateur Radio Way.

Another Mandalorian in our club is John N9oL. He not only leads the repeater committee but also headed up our Hamtober Fest this year. I've heard only positive comments about how great this year's event went. He doesn't do it alone, and our Hamtober Fest is a great way to see how we all come together to make this club fantastic. Kudos to John and all those involved. Planning for next year starts soon, so please contact John with any ideas and help that you can provide.

I made a mistake on the 79 Repeater System Map that I've been handing out lately. The "Boonville Water Tower" receive site should be 5 miles closer to Evansville just south of Chandler on the WTVW transmitting tower on Old Plank Road. I realized my mistake earlier this week, please accept my apologies. I corrected the map.

One more thing: We are a charity and with all charities there is a focus on the three T's which are Time, Talent, and Treasure. We already have an "Unbearable Weight of Massive Talent" (for some reason I keep referencing Pedro Pascal works), and we could always use more Treasure to do and build more activities, but what I'm asking you to focus on this month is your Time. Please consider running for an office next year. TARS needs just a little of your Time to serve the Tri-State Amateur Radio Society that surrounds you. Help us create an atmosphere of building that is needed to train and support Amateur Radio right here, right now. It's an easy task, just a little time.

Scott Hibbs KD4SIR
President TARS 2023-24

TARS November Meeting 11/14/24

General membership meeting 7:00pm Thursday November 14th. The meeting program will be a presentation/discussion on repeater etiquette, operating and nets.

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.

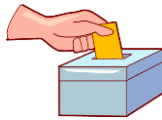
We meet at 5:30, for you to grab a bite to eat, swap stories, tell a few lies and whatever else you like, giving us time to make it to the Red Cross for the meeting at 7:00pm.



This month, join us at **Denny's**, [351 N Green River Rd](#), Evansville, IN 47715.

TARS OFFICER ELECTIONS

2025 Officer elections will be at the November 14th meeting. If you are a current TARS member you should have found a ballot attached along with this issue of SPARKS.



Offices up for election are:

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

December TARS Meeting – SATURDAY 12/14/24

The Dec TARS meeting is **Saturday Dec. 14^h, 1:00 pm at the Red Cross**. We will have a **DIRTY SANTA / WHITE ELEPHANT GIFT EXCHANGE**, with a maximum \$15 gift limit along with a **SHOW-N-TELL Holiday meeting and refreshments**. Bring your favorite holiday treats/cookies etc. to share and a drink if you wish.

SPARKS CONTEST CORNER

By Mark Holland [KD0EE](#)

November 2024

November means Sweepstakes! The cw contest is the first weekend, 2100z Nov.2- 0300Z Nov.4, and the ssb contest is 2100z Nov. 16-0300z Nov. 18. Notice that these times are offset from most contests. And remember to factor in the change from daylight savings time. We are now -6 hrs. from GMT. Don't forget the other big contest, CQ World-Wide CW, the last weekend of November. There will be intense activity on 10 and 15 meters from all areas of the world. We are at the peak of the sunspot cycle. Do not miss the fantastic conditions on the HF bands. It will be 11 years before we see it again!

You may wonder, why participate if you are not in it to win it. Here's my thoughts:

TARS Calendar

Nov

6 8pm Tri-State Emergency Net (Herb, KB9MZH)

7 **TARS Board meeting 6:30 (ZOOM)**

13 8pm Tri-State Emergency Net (Mark, KC9TYA)

14 **TARS Club Meeting 7:00pm Red Cross**

20 8pm Tri-State Emergency Net (Chris, KE9YK)

23 **VE Testing 9:00am Red Cross**

27 8pm Tri-State Emergency Net (Jerry WB9ONU)

Dec

4 8pm Tri-State Emergency Net (Dave, KC9UVG)

5 **TARS Board meeting 6:30 (ZOOM)**

11 8pm Tri-State Emergency Net (Terry, WB9KQF)

14 **TARS Club Meeting 1:00pm Red Cross**

Christmas Party, Watch for details!

18 8pm Tri-State Emergency Net (Walt, WB4ZUT)

25 8pm Tri-State Emergency Net (Herb, KB9MZH)

[Connect to the TARS Google Calendar](#)

Connect the TARS Google calendar to your calendar!

- It greatly increases your operating skills;
- It allows you to evaluate your station's strengths and weaknesses;
- It helps you work rare stations that are seldom heard;
- It perpetuates activity and interest in the hobby.

It's a win-win for everyone. No one loses in a contest! Give one a try this month!

Mark KD0EE

K9KDJ VARA FM WinLink Shutting Down

Several years ago I set up the first packet/VARA FM WinLink RMS in our area. Wow, was it ever a trial and error! James, KF4LXS, and I spent many hours configuring and testing different radios and functions until, finally, TA-DA, it worked! Since that time, I helped many others set up WinLink on both VHF VARA FM and HF. It's been a fun ride.

Due to lack of use, however, I decided to shut down my VHF VARA FM station (K9KDJ-10) on or before 12/01/2024. VARA FM WinLink is a ghost town here, and I can find other uses for all the equipment I dedicated to the VARA FM RMS.

K9KDJ HF (both VARA HF and Pactor) will remain operational as will K9KDJ-5 (VARA FM) in Vincennes. Please continue using both all you want. They run for the benefit of our ham community.

Thanks to all who used the local VARA FM RMS (K9KDJ-10) over the years, and I hope to see you on the HF RMS (K9KDJ) and the Vincennes VARA FM system (K9KDJ-5).

Ken
K9KDJ

WinLink

Just a reminder there is still a packet RMS on the West Side of Evansville, located at the EMA Training Center on Harmony Way. WA9C-10 is a 24/7/365 RMS station with 3 active ports, 2m (145.010 @1200b, 440.950 @ 9600b and RMS internet connection for Winlink email.

BBS = WA9C-1

NODE = WA9C-2

RMS=WA9C-10 (WINLINK MESSAGES)

DroidStar

Scott Hibbs [KD4SIR](#)

Scott has install notes for DroidStar on your android phone.



Requirements: A DMR ID from www.radioid.net and a smart phone. If you have an Iphone chuck it for a nice android. :)

If you need a DMR ID, go to www.radioid.net. Click on Log in/Sign up at the top right. Click on Sign up on far left. Read and agree to conditions. Fill in form (verify email. Set password etc) and agree to terms. Download your license from the fcc using the instructions and upload it to radioid to get a dmr id number. Wait a day or two for your DMR ID.

Your DMR ID will be required even if you are not using DMR. It's the app's way of knowing you have a license.

1. install DroidStar by Doug McLain. The best way to do this is by going to <http://pizzanbeer.net/droidstar/> For your android you will tap the file ending in apk. Interestingly there is a linux version, a raspberry pi version, an ios app store package (ipa) and Windows 32 and 64. Supposedly these new versions do not require downloading the vocoder.

2. click on settings

3. Enter your Callsign

4. Enter your DMRID

5 Enter your ESSID

This is how you keep track of your digital devices, like DroidStar, radio hotspots etc. Pick a unique number for this app. If you have a hotspot, then this will be 02 instead of 01. These will be listed on the brandmeister webpage in the next step.

6. The BM Pass field requires you to go to <https://brandmeister.network>. Register your account using the same email as Radioid. Once registered, log in. On the top right of the page click on your call sign and pick self care. On the bottom left of this page is hotspot security. Type a new password here something easy to remember. (if you change this password,

all your devices will need to match it.) This password goes into this DroidStar setting.

7. Type in your Latitude and Longitudenessess

8. For location they mean grid square.

9. Description is DroidStar

10. Skip down to MYCALL I put my call sign.

You might need to wait a day or so for your DMR ID to populate everywhere so that you can connect to a repeater. I also set my mic gain down to 30%.

Now go to Main tab

at the top from left to right select DMR, S2, CC1. On the second row select "BM_3104_United_States" for TGID put in 313159 (this may need to be changed to something else but this worked for the Deaconess DMR Repeater.) Then tap the "connect" button. You should be in.

For Fusion and Indiana Link South

at the top from left to right select YSF, underneath that select "US-Indiana-W9ILS". And hit connect.

73

KD4SIR

Scott Hibbs

Hamtober Fest 2024

It's now HISTORY!





Hamtober Fest 2024 is now history and we are looking to make it even BIGGER and BETTER in 2025.

Thanks to everyone that made it a great success and thanks to John N9OL for chairing the 2024 Hamtober Fest.

TARS couldn't do this without the help of all our members. The numbers are still being compiled, but it looked like we had a larger turnout than ever. All the tables were sold out and we could have sold even more if we had the room, but unfortunately we are outgrowing this venue, which is really a good thing.

If you know of a good place to possibly hold our hamfest let the officers know.

2024 ARRL Field Day Results Published

From The ARRL Letter for November 7, 2024

Results are published, and the numbers are in. They paint a picture of a very active 2024 ARRL Field Day. Nearly 1.3 million contacts were reported during the 24-hour event. That is up from 2023's 1.25 million contacts. That's likely indicative of the continued rise of Solar Cycle 25 leading up to the event, but more people also participated this year.

Entries were received from all 85 ARRL and Radio Amateurs of Canada (RAC) sections, as well as from 27 different countries from outside the US and Canada. "It is encouraging to see a rise in participation year to year," said ARRL Contest Program Manager Paul Bourque, N1SFE. "ARRL Field Day is amateur radio's premier event, and the hams turned out for it."

Field Day is whatever you make it. For some participants, it's a contest; for others, it's a social gathering and club activity. Other groups use Field Day to showcase what amateur radio is all about to the public. Some groups use Field Day as an opportunity to introduce youths to amateur radio.

Class A, B, and C scores are included in the 2024 QST results article. The scores for Class D, E and F stations and club aggregate scores are listed in the 2024 line scores on the web, as well in the digital edition of QST.

Results are available now on the ARRL Field Day website at <https://field-day.arrl.org/fdresults.php> and in the December issue of QST.



Happy Birthday!

November Birthdays!!!

KF5EKG	Bartholomew Stavisky	1
NM9U	Mark Martin	1
KC9NOY	Gerald Schoenbachler	7
K9LMK	Robb Richard	17
K8RAO	Robert Oberst Jr.	23
KN9DXD	Kenneth Gwin	28
KC9JOV	Ross Cecil	29
AA9WJ	Jeffrey Holt	30
KE9AUQ	Carl Carick	30

For SALE

Hello all. I am selling one of my **Yaesu FT-891** HF radio. Works fantastic. Has performed flawlessly in my SUV for several years. It is clean and in great shape. Comes with the mic, mobile bracket, and a shortened power cable with power poles on it. \$490

Also selling my mobile antenna - the **Tarheel 100A HP screwdriver antenna**. It has the mounting bracket, tuning switch and cable, and 6' whip. I have kept this antenna clean and maintained well. This is a highly sought after antenna. \$575

I got a new (to me) vehicle and have decided not to run mobile HF at least the foreseeable future. This ft891 and Tarheel antenna both work fantastic.

Contact: John Van Vorst, N9oL N9OL@arrl.net



YAESU FT-100 Multi mode radio. HF / 6M / VHF / UHF

Complete with separation kit, microphone, power cord, General Electric external speaker

YAESU FC-20 automatic tuner with cables matched to the FT-100
MFJ 1432 high gain mobile antenna 5 dB gain on 7/8 Wave 2 Meters, 5/8 Wave, 7.6 dB gain on 440 MHz Handles 150 Watts

Comet dual band 2m / 440 antenna (SBB-2 model I think) 2m 2/4 wave 2.5db 440 5/8 wave 3.8 db

Lip mount antenna mount bracket with UHF base and coax (sans PL259)

Truck bed stake holder antenna mount with 3/8-24 thread antenna socket (for HF antennas)

Recently removed from Dodge Truck and was fully operational when removed. Radio control head was dash mounted. All separation cables and hardware included.

Nonsmoking environment

Asking \$800 for all.

Contact Bob Pointer N9XAW bpointer@astound.net



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.

BITS of Interest

A wonderful bi-monthly journal from VE7SAR SARC:

Surrey Amateur Radio Communications

The November - December 2024 SARC Communicator

The final issue of the year. The November-December Communicator, digital periodical of Surrey Amateur Radio Communications is now available for viewing or download. Some great projects and articles in this issue including a terrific Ham IV rotator upgrade, suggestions for affordable test instruments, and complete introduction to 3D printing, with special emphasis on amateur radio applications. Our regular columnists will also provide you with some interesting experiences.

Now read in over 165 countries, we bring you 125+ pages of Amateur Radio content from the Southwest corner of Canada and elsewhere. With less fluff and ads than other Amateur Radio publications, you will find Amateur Radio related articles, projects, profiles, news, tips and how-to's for all levels of the hobby.

<https://ve7sar.blogspot.com/>

VE Testing

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 c: 812.305.4100



Vanderburgh Co. ARES/RACES

The next meeting will be **Nov 21st, 6:30pm on ZOOM**. 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

Secretary Report

Tri-State Amateur radio Society

Board of Directors Meeting Minutes

Date: 10/03/2024

Meeting called to order by _____ __Scott KD4SIR__ at 06:36PM CST.

Board Members/Officers Present: Scott Hibbs KD4SIR, President
 Jerry McCintosh WB9ONU, Vice President Tom Hilgeman KD9PFH
Treasurer John Van Vorst N9oL, Secretary
Board Members: Charlie Martin WB8LDV Dir Brian Esche WB9QVR, Dir
 Walt Egenmaier WB4ZUT, Dir Mark Holland KDOEE, Dir
 Ross Cecil KC9JOV, Dir Terry WB9KQF, Dir, Dave KC9UVG,
 Dave wb9yig Herb KB9MZH Chris ke9yk

Reading of officer reports:

Treasurers Report ending 9/30/2024 read by Tom Hilgeman KD9PFH – Report was accepted.

Secretary's Report – Minutes from 09/05/2024 meeting read by John Van Vorst, N9oL – Report was accepted.

Shack committee-

- Scott looked at hanging the hamshack hotline phone, needs a couple more things. Also asked Jerry Purcell about getting a VPN for the club to use in the Red Cross shack.

- Still need to look at the power supply
- B&W antenna looks to be working OK
- FTM300 is back from Yaesu and working.

Hamtober fest –

- Reviewed table reservations worksheet and tasks worksheet
- Not sure yet when we will be able to get into the community center Friday to set up – will advise

- Sunday 10/13 n9ol and kd4sir meet at Red Cross barn to load equipment. All are welcome to help.

- Tom kd9pff will organize the coffee/donuts/?? refreshments
- Dave kc9uvg and Charlie WB8LDV volunteered to help at the TARS sales table

- N9oL asked for all to help promote the hamfest to clubs and individuals

- Mark kc9tya to lead the parking support

- Dave Donnally will help Sat afternoon and has a truck to help transport items back to barn

- Tom requested budget for refreshment – n9oL motion for \$125 budget, Walt wb4zut seconded. Motion passed.

Repeater committee- –

- N9oL to schedule repeater committee mtg – nothing to report

Club picnic – Audubon Park Sycamore shelter. All went well

- Attendance was a little light, but all had fun. Had POTA station and had some new hams in attendance.

- Discussed the location and if we wanted that location again next year. Someone brought up the FOP camp.

Election Committee

- Herbie kb9mzh chair, Charlie wb8ldv, Mark kd0ee and Terry wb9kqf

- No slate is assembled yet. Current officers agree to remain on the ballot. Charlie wb8ldv will run again for board.

Winter Field Day January 25-26. Mark kd0ee

- Location- Scott Twp Park was discussed, possibly Red Cross

Upcoming meetings-

- Sep – revisit the ISS contact
- Oct Brian wb9qvr presentation on YOTA trip
- Nov – elections and protocol for NET/repeaters
- DEC – move meeting to Sat Dec 14 at 1PM – dirty Santa and bring station accessories to show off. Will have cookies and snacks
- JAN – Auction
- FEB – banquet
- MAR – 10-meter antenna build night. Mark kd0ee is chairman of this event/meeting

Discussed possible meeting topics

The meeting was adjourned at 7:28 CST.



Tri-State Amateur radio Society

General Membership Meeting - Meeting Minutes

Date: 10/10/2024

Meeting called to order by ______Scott kd4sir__ at 7:00PM

Intros. And show and tell

- N9oL- discussed Hamtober Fest
- o Friday setup not available, meeting at 5:30am Saturday to setup. Doors will be unlocked for us at 6am and we need to be ready to get at it as soon as they open. Have items staged at the door, etc.
- o Need a big crew for setup – Please be there. Let me know if you are planning to be there for setup. If you don't let me know please come anyway!!

- o Will also need folks to help clean up after the fest ends at noon.
- Scott announced Winter Field Day Jan 25 at Scott Twp Park
- We discussed the December meeting – Dec 14 1PM Saturday at 1PM

- o Dirty Santa
- o Show off your shack accessories
- o All are welcome- come have fun
- TARS nominations committee. Herbie kb9mzh opened the floor for nominations.

- o Slate-
- o Scott kd4sir president
- o Jerry wb9onu vice-president
- o Tom kd9pfb – treasurer
- o John N9oL – secretary
- o Charlie wb4ldv will run for board position again
- o Herbie
- o Bruce

- Scott announced the following future meetings:
- o January meeting – auction night
- o February meeting is the annual banquet. Asked for ideas for location

- o March meeting will be a 10-meter antenna build
- Scott announced that Herb has been working on the 2025 club calendar.

- Scott announced that Bruce Hatfield is taking photos for the pictorial directory
- Brian then kicked off presentation on Youth On The Air (YOTA) camp

Meeting was adjourned at 8:38PM

Treasurer Report

Financial Report for September 2024 (prepared 9/2/24)

Amateur Radio Society Primary Account

Opening Balance: \$7,638.53

TARS sub-accounts

General Fund sub-account

Opening Bal \$4,290.24

Receipts:

Membership \$50.00

Total Receipts --->> \$50.00

Expenditures:

Picnic Food Tom Hilgeman KD9PFH (\$87.53)

Total Expenditures---->> (\$87.53)

Ending Balance General Fund \$4,252.71

Repeater Maint & investment - Restricted acct

Opening Balance \$2,141.30
 Receipts:
 None \$0.00
 Total Receipts --->> \$0.00
 Expenditures:
 None \$0.00
 \$0.00
 Ending Balance of Repeater Restricted sub-account \$2,141.30

Red Cross Fund - Restricted Acct
 Opening Balance \$1,206.99
 Receipts:
 VE Room for 8/31 \$35.00
 Total Receipts --->> \$35.00
 Expenditures:
 none \$0.00
 Total Expenditures--->> \$0.00
 Ending Balance of Red Cross Restricted sub-account \$1,241.99
 Ending Balance - TARS primary Checking Account \$7,636.00

TARS IGC (IN Gaming Commission) restricted checking account:
 Opening Balance \$248.36
 Receipts:
 Faffle Ticket Sales
 Total Receipts --->> \$0.00
 Expenditures:
 Total Expenditures--->> \$0.00
 Ending Balance of IGC Restricted checking account \$248.36
 Tom Hilgeman KD9PFH – TARS Treasurer

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.

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.w9og@gmail.com

Looking Ahead

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 25-26](#)

[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

[Route 66 Special Event](#) September

TARS PICNIC September 21

[TARS 7th annual HAMTOBER FEST October ??, 2025](#)

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