

Monthly Newsletter of the Tri-State Amateur Radio Society Serving the Tri-State for 75 years

May 2022 - Issue 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 <u>www.w9og.net</u>

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.

TARS May Meeting

The regular TARS meeting will be 7:00pm May 12th for an actual face to face meeting at the Red Cross, 29 Stockwell Rd. Come out and join us as we get back to a more normal meeting once again.

TARS – Field Day 2022



With the INQP behind us, it's time to look ahead to the biggest operating event of the year - ARRL Field Day! FD is always the fourth full weekend in June and this year that will be June 25 and 26. If you aren't a fan of the heat, no problem! You can operate from the airconditioned comfort of the Grimes Haus Cabin. If on the other hand you'd like to rough it, we'll have stations in the open-air Eicher Barn. Do you prefer to operate CW? SSB? Digital? Satellite? Or perhaps

you're new to amateur radio and you'd like some help making your first HF contacts? Yep, we'll have stations for all those modes along with folks who will be happy to help you get on the air. You say you prefer to just enjoy the camaraderie of other hams and perhaps share a meal? You guessed it - the TARS FD operation will be the place to be for just hanging out and having some delicious food as well.

But something like Field Day doesn't just happen. We need your input and help with planning this year's FD operation so it can truly be a group endeavor. Look for invitations to planning meetings very soon along with informational emails via the <u>groups.io</u> reflector. Also, be thinking about what you would like to see in our FD operation and how you can contribute to the effort. Let's celebrate 75 years of TARS by making the 2022 W9OG Field Day operation the best ever! Brian - WB9QVR

Hamtober Fest 2022

The 4th annual Hamtober Fest **October 15, 2022**! Location: Lynnville Community Center 416 West RD 68, IN-68 Lynnville, IN 47619 Website: http://www.hamtoberfest.com



Lewis & Clark Trail on the Air

LCTOTA June 4-19. You must register to access the online scheduler to participate as a TARS member. TARS is one of 2 clubs in Indiana that will activate special event stations commemorating the Lewis and Clark trail June 4-19. I will need operators to schedule time to activate during this period and activators will use our club call. It's an exciting opportunity to get our club some visibility and have some fun. More information is coming. In the meantime, if you know now that you will want to schedule some time June 4-19 to operate the special event, please send me an email at <u>n9oljohn@gmail.com</u>. This event will be well publicized nationwide, and hunters will be looking to contact every state for a nice certificate. So, it will be exciting! More info online at: https://lctota.org/

Attention all Techs

I was sitting and thinking this is a great event for the club members. Then I realized not all members will be able to get on HF to work this event, because they only have Tech Class license. I am making my station and myself available to any Tech Class club member that would like to participate.

The LCTOTA is from June 4 thru June 19, and I am volunteering to be a control operator for anyone. Let me know what day and time you would like to operate so I can set up the schedule online. We can meet at a city park or a state park. Think it over and if you are interested let me know.

My email is <u>wb9onu@hotmail.com</u>.

Let's make this a new club event that we might do every year. Jerry - WB9ONU

WANTED – WANTED – WANTED

Do you have any pictures from TARS meetings or events? Remember the Red Cross soccer tournaments? The Freedom Festival? Wesselman Park Haunted Hayride? Great Pumpkin Metric? Hilly 200? Southern Indiana Classic? TARS Banquets / Christmas Party, Picnics? Any events / Hamfests? Do you still have any of the early emailed editions of SPARKS? Our VP Scott KD4SIR has been busy archiving the TARS files and is looking for anything else to be archived for our history.

WANTED – WANTED – WANTED

TARS @ Groups.IO

Groups.io

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

You can subscribe at <u>https://groups.io/g/TARS</u> or by sending an email to <u>TARS+subscribe@groups.io</u> 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: <u>TARS+help@groups.io</u>

TARS Calendar

May	
4	Tri-State Emergency Net (Don, KB9YWQ)
	10m Net following immediately afterword
5	TARS Board meeting 6:30
7	INQP / TARS Picnic - Scott Park
11	Tri-State Emergency Net (Mark, KC9TYA)
12	TARS Club Meeting 7:00pm Red Cross
18	Tri-State Emergency Net (Chris, KE9YK)
25	Tri-State Emergency Net (Dave, KC9UVG)
June	
1	Tri-State Emergency Net (Terry, WB9KQF)
	10m Net following immediately afterword
2	TARS Board meeting 6:30
4-19	Lewis and Clark Trail ON THE AIR
8	Tri-State Emergency Net (Walt, WB4ZUT)
9	TARS Club Meeting 7:00pm Red Cross
15	Tri-State Emergency Net (Herby, KB9MZH)
22	Tri-State Emergency Net (Don, KB9YWQ)
25-26	TARS Field Day USI

29 Tri-State Emergency Net (Chris, KE9YK)

Beyond the Baofeng

By Chris Lantaff KE9YK

Let's analyze a post on the Facebook Ham Radio Crash Course page by Sean Pillo.

"Just wondering if anyone has experienced picket fencing while mobile, and did you find a way to remedy it? When the vehicle stops at a red light the signal is perfect. While moving the picket fence phenomena continues."

Picket fencing is where the signal goes in and out in a rapid wave like fashion. The fading is not due to weak signals but rather two signals arriving out of phase to the point of canceling each other. The problem is due to the surroundings and not the antenna. Its most common in heavy urban areas with tall buildings, big metal tanks/towers, steel bridges or other things that reflect radio waves, so they arrive at different times to your antenna. Some of the cheaper Chinese radios have more pronounced issue but even the high-end radios will suffer too. The first person to respond with an email to the sparks editor and attend the next regular club meeting wins a prize. Also picket fencing can happen on both the mobile end and repeater side.

So, the short answer is there isn't much you can do to totally eliminate picket fencing. In most instances it won't last for long so don't sweat it. Just make sure to have the most efficient system you can with the antenna in the best location possible. It's just the nature of being mobile.



C. L. Mitchell K9PNP (SK) Rest In Peace Mitch!

ARRL Youth Licensing Grant Program

The ARRL Youth Licensing Grant Program, in effect since April 19, 2022, will cover the onetime \$35 application fee for new amateur radio license candidates younger than 18 years old for tests administered under the ARRL Volunteer Examiner Coordinator (VEC) program.



"We are thrilled that we are able to provide this opportunity to our youth candidates," said ARRL VEC Manager Maria Somma, AB1FM.

The \$35 Federal Communications Commission (FCC) application fee will be reimbursed after the ARRL VEC receives the completed reimbursement form and after the new license has been issued. The reimbursement check will be mailed to the fee payer. Also, candidates younger than 18 years old would pay a reduced exam session fee of \$5 to the ARRL VEC team at the time of the exam. The \$5 fee is for all candidates under the age of 18, regardless of the exam level taken. Proof of under 18 status is required at the session.

The ARRL Board approved the Youth Licensing Grant Program at its July 2021 meeting in Hartford, Connecticut, expanding on the scope of the original motion proposed by ARRL Southeastern Division Director Mickey Baker, N4MB.

The Board believes the recruitment and training of young amateur radio operators is a necessary and proper mission of the ARRL and subsidization of the \$35 fee will reduce the number of new amateurs that would otherwise be lost from these groups. Initially the new program would serve up to 1,000 new license

applicants under 18 years old. The program length is indefinite; it may be renewed or terminated by the Administration and Finance Committee or by the Board of Directors.

Visit the ARRL website for the program instructions and reimbursement form at

www.arrl.org/youth-licensing-grant-program.

Mobile App Available to Navigate 2022 Dayton Hamvention[®]

Dayton <u>Hamvention</u>[®] is offering a free mobile app for smartphones and tablets to help attendees navigate the large-scale event, which runs May 20 - 22 at the Greene County Fairgrounds and Expo Center in Xenia, Ohio. The app, which was introduced in 2019, is offered in a collaborative effort with <u>ARRL The National Association for Amateur Radio</u>[®].

The ARRL Events app is now available and already includes Hamvention's full program, so attendees can browse and schedule forums, find affiliated events, and preview the extensive list of exhibitors. During



the event, attendees can use other app features to follow the hourly prize drawings populated by the Dayton Hamvention Prize Committee,

and browse building and site maps. The app is available for Apple and Android smart devices, or access the web browser version which is

optimized for nearly any browser or other type of

mobile device. Visit your app store to download the



Use this QR code to get the ARRL Events app. You will be redirected to the appropriate app store, or redirected to the web browser version: www.tripbuildermedia.com/apps/arrl

app (search "ARRL Events") or access the <u>links</u> available on the ARRL EXPO web page. If you're reading this article on a mobile device, click <u>here</u> to be redirected to the appropriate app store, or redirected to the web browser version.

WOUFF-HONG

At the March meeting Bruce W9GFS brought in a WOUFF-HONG award from the 1938 Chicago Convention that was in his father's collection.

Many of the younger members probably don't know just what the Wouff-Hong is or represents.



ROYAL ORDER OF THE WOUFF HONG AWARD SEPTEMBER 1938 NATIONAL CONVENTION CHICAGO

Many replica Wouff-Hongs were given away at ARRL conventions back in the 1930s. Shrouded in mystery (and filled with loads of good humor), Wouff-Hong ceremonies are often held at conventions. The ritual involves specific costumed characters (The Old Man, HiPotential, QRM, QRN, and Xtal) and, according to ARRL's Hamfest Planner, lots of rehearsing.

Any ARRL-approved State, Division or National Convention is eligible to put on the traditional initiation into the Royal Order of the Wouff Hong. This event can be one of the highlights of a new ham's experiences.

Don't bother asking an experienced Ham for details about the ceremony. They have been sworn to secrecy.

The Wouff Hong and the Rettysnitch: Lost Traditions?

– by L. B. Cebik W4RNL (SK)

"The Wouff Hong is amateur radio's most sacred symbol and stands for the enforcement of law and order in amateur operation." "The Rettysnitch is used to enforce the principles of decency in operating practices." (The Radio Amateur's Handbook, 1930, p.11)

The Awful Terrible Wouff Hong

By 1930, the Handbook had pictures of both instruments of enforcement. By 1936, only the Wouff-Hong appeared, and by

1947, the Handbook had deleted both photos. Just when we needed traditions of law and order and of decency in amateur operations to guide its growth in the post-World-War-II explosion of technology and easier licensing, the symbols had disappeared from view. Many of today's hams have no idea what a Wouff-Hong and a Rettysnitch look like. To rectify that gap in hamdom's essential history, I have used my very limited CAD abilities to make sketches of the Rettysnitch in Figure 1. The Rettysnitch is an all-metal tool. Of the 5 teeth around the disk near the pointed end, only three remain.

According to tradition, the other two have done their work and perished in the effort. Again, my limited skills in rendering the Rettysnitch rob the device of its terrible demeanor, and therefore of its force to ensure operating decency among amateurs. Perhaps the last time the story of the Wouff-Hong and the Rettysnitch was told was in 1934.Thanks to Ed Guilford, AA7HQ, in Bothell, Washington, I have the May,'34, QST in which Rufus P. Turner–famous in the annals of electronics writings recounted "Hamdom's Traditions: A Bedtime Story for Young Squirts." But even by Turner's time, the Rettysnitch was relegated to a paragraph on the story's continuation page in the back of the magazine, with no picture. Somehow, even then, folks had forgotten that you can never have law and order without first having decency.

Some pessimists think that we now have neither. I do not subscribe to the pessimist's view. Sure, the number of rotten operators has skyrocketed, but not their proportion to the main corps of good, legal, and decent operators, capable and courteous to a fault. We should not be troubled by the size of the

job of curing amateur radio of its illegalities and indecencies, for we have more folks to help use the



Wouff-Hong and the Rettysnitch just where and how they ought to be used. No, not on others, but on ourselves, to make sure that we set a model for how amateur operations ought to be conducted. Turner offers no prescription for using either device, but thought the Wouff-Hong able to be at out King Kong's brains or easily plow up acres of Manhattan bedrock. That will tell you something of the power of these machines. But it won't tell you how they came to be.

Remember **T.O.M.-The Old Man**-who wrote in earliest days of "Rotten QRM." His very first article in1917 blasted concocted abbreviations just coming into use. Among the almost unintelligible gibberish in his headphones were words like "Wouff Hong" and "Rettysnitch," surely instruments of terrifying punishment. By mid-1917, ARRL was besieged by orders for these contraptions, orders that could not be filled because the League staff had never seen either device. In 1919, after World War I (then called simply the Great War since no one could imagine doing all that destruction and killing all over again), the League once more took up its work in earnest. At just this critical time, the Directors received from The Old Man a package containing an authoritative and well-preserved specimen of Wouff-Hong.

Turner described the contents of the package as "the gruesome instrument of torture. "By order of the Directors, it was hung in the office of the Secretary-Editor, within easy reach. Its first portrait appeared in QST for July that year. At each Board meeting, the Wouff-Hong stood on display, to the blanched looks of the humbled Directors. The Old Man also presented the world with its first glimpse of the Rettysnitch.

Rettysnitch

In 1921, the monstrous machine was presented to the League traffic manager by the Washington, D.C., Radio Club, ostensibly after receiving it from T.O.M. Even at its first public appearance,

two of its teeth were missing, suggesting a long history of necessary and effective use. However, to this day, the Rettysnitch



has lost no other teeth. It was ordered to hang by its mate. In the 20s and 30s, many a reproduction of both instruments, but especially the Wouff-Hong, materialized across the country. (The photograph of one such replica of a Wouff-Hong is courtesy of Joe Holstein, N8EA.) The two main pieces appear to be wood banded by metal strapping and by heavy wire. What the sketch cannot convey is the darkness at the upper end of the longer wood piece, as if stained by blood or purified for its grave duties in the fires of purgatory or both. A group of hams in Flint, Michigan, created the mystic society called the Royal Order of the Wouff-Hong. The society endures to this day, according to legends to which I have so far not been privy. And The Old Man has been given a name: Hiram Percy Maxim, W1AW. At least, legend tells the story that way, perhaps based on the fact that T.O.M. glared at "Kitty" while reflecting on the "rottenness" of everything. Maxim did have a cat. However, true to feline nature, Maxim's cat never spilled the beans.

But what has become of the Wouff-Hong and the Rettysnitch? More important, what has become of their power to enforce both decency and law and order on the ham bands? Hams used to cringe at the thought, let alone the sight, of these dreadful tools of enforcement. But, we do not hear of them much anymore. OH, a tremor of curiosity every now and again brings out a ripple of questions and speculation. But not much more than a ripple. You see, today, we have much more terrifying weapons, things like Oozies and H-booms and the like. They scare us in ways that seem to make the Wouff Hong and the Rettysnitch tame and toothless. However, even in Maxim's Day, objectively more powerful weapons were used in France, like tangues and gas more poisonous than that made by Texas chili. Why were the Wouff-Hong and the Rettysnitch so powerful to those early hams? Because those hams cared about amateur radio in their hearts. They wanted what they knew they could never have: a perfectly law abiding and decent radio service that would inspire young and old alike to become hams or, lacking the inclination to electronics, to become admirers of hams. Every minute of on-theair time was a chance to show how noble a pursuit amateur radio

was and should always be. They feared the Wouff-Hong and the Rettysnitch as instruments of their own consciences, as they strove to meet the standards, they set for themselves.

And that is where today you will find both the Wouff-Hong and the Rettysnitch; deep in your own conscience. If they seem to hold no power, then you know it is time once more to elevate your standards a notch higher, and then to strive to achieve them perfectly. Each of us has a secret and private office where no one else may go. Above the door, facing our individual operating tables, hang two instruments, one of law and order, the other of decency. However much the outside world may neglect the tradition of these terrible reminders of responsibility, each of us possesses our own Wouff-Hong and Rettysnitch. May you never deserve their sting.

Like all legends, this one too must end with special words: *Pass it on and strive for good operating practices*. **73, L. B. Cebik W4RNL (SK)**

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 <u>sparks.w9og@gmail.com</u> to have them included in your newsletter.

Amazon Smile

If you notice the treasurer report, TARS has had another \$58.77 added to our account because of Amazon SMILE!

To set up your Amazon Smile account to donate to TARS with every Amazon purchase you make, click our unique link: <u>https://smile.amazon.com/ch/35-6042852</u>.

Now when making an **Amazon** purchase from your browser **online**, login via

smile.amazon.com

[this is important: it's only via smile we will receive a donation] then make your purchases as usual and TARS will get a donation. If you use your mobile app, just turn on AmazonSmile and it will connect you automatically.

Turn on AmazonSmile in your mobile app.

Open the app and find 'Settings' in the main menu (\equiv). Tap on 'AmazonSmile' and follow the on-screen instructions to turn on AmazonSmile on your phone.

IT IS THAT EASY!





For sale - **West Mountain radio rigblaster pro**. Comes with power supply, driver cd, and one interface usb cable. Works fine. Asking \$50 Contact Bill <u>KK7XT@yahoo.com</u>



For sale - **Quad pod**. All aluminum 4-legged pod for remote site rigging of temporary amateur radio antenna. \$10.00. Email Herby <u>kb9mzh96@twc.com</u> for details.



May Birthdays!!!

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



VE Testing

The next VE Testing session will be June 18th.

Examinations start promptly at 9:00 AM Central time. Testing location is the Evansville Red Cross at 29S Stockwell Rd Evansville IN

2022 Ham Radio Test Sessions

June 18th 9AM July 30th 9AM August 27th 9AM October 1st 9AM November 5th 9AM December 3 9AM

Details can be found at: <u>http://w9og.net/ve-testing</u> For more info contact: <u>John VanVorst N9OL</u> c: 812.305.4100

Tri-State Emergency Net

8:00 p.m. Wednesday nights on 146.79 pl 88.5

If you haven't checked into the Tri-State Emergency Net, please take a few minutes at 8:00 p.m. Wednesday evenings on 146.79 and get updated on what is happening, the latest club information, upcoming events, topics of general interest and from time-to-time good old-fashioned rag chewing.

We are currently holding a 10m net immediately following the 2m net on the FIRST WED OF THE MONTH as part of our 75th anniversary celebration. Look for us on or about 28.405.

All of you techs out there with HF give us a try.

Vanderburgh Co. ARES/RACES

The next Vanderburgh county ARES/RACES meeting May 19th, 6:30pm at the Vanderburgh Co. EMA west side training facility, <u>1440 Harmony Way</u>. Anyone interested in emergency communication in Vanderburgh County is invited to participate.



Feel free to check in to the Vanderburgh Co ARES net **each Tuesday** at **8:00pm** on the 146.790 repeater.

Vanderburgh County Auxcomm

Chris KE9YK IN82RACES@gmail.com Vanderburgh Co RACES Officer 812.453.1972 Hamshack Hotline 12604

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 <u>KC9CLO@gmail.com</u>

Secretary Report

TARS Board meeting 4/7/2022

Zoom meeting called to order at 6:30 by John N9OL Members present, John N9OL, Scott KD4SIR, Tom KD9PFH, Chris KE9YK, Dave KC9UVG, Jerry WB9ONU, Mike W9KXP, Herb KB9MZH, Charlie WB8LDV, Dennis WA2USA, Don KB9YWQ and Dave WB9YIG

Treasurer Report Tom KD9PFH accepted Secretary Report Chris KE9YK accepted

Scott KD4SIR has 15 member QSL cards for a contest yet to be determined. He will also have a presentation of his history program for SPARKS and online. Scott KD4SIR reminded everyone that the Kenwood mic needs repair. John said he has a mic we could use if needed for the INQP.

Discussion on Repeaters Dave WB9YIG there are issues of the remote sites not timing out properly. Will also work on getting a new repeater committee set up.

Jeremy Matthews K9EPD is now controlling the DMR repeater.

Banquet: Discussion on banquet April 14. Updated costs of \$20 per person. Chris KE9YK will have certificates for presentation.

May picnic and INQP at Scott Twp Park May 7th. Brian WB9QVR is chairman. Setup 9am ask everyone to bring covered dish. Tom KD9FPH will have snacks and drinks. Charlie WB8LDV will work on coordinating food. Chicken for about 30 people.

June Field Day - Brian WB9QVR is chairman, John will check with Brian on signups.

Lewis and Clark Trail OTA - TARS is the Indiana station that will cover 16 different states. Get with John N9OL to be registered to participate. Needs your e-mail to submit application and you will be able to log in and sign up for dates and time. All operations will be scheduled through the LCTOTA web site.

Shirts – John N9OL presented quotes and will work up an order sheet. Shirts will be navy blue and have option for name and call on shirt.

Hamtober Fest – Discussion on radios for the raffle. Motion made by Dave KC9UVG to purchase an FT70dr and FT5dr. Second by Mike W9KXP. Motion PASSED.

Tom KD9PFH will get with Jeff AA9WJ to start on raffle application. Mike will check on purchasing the HT's.

75 anniversary special event discussion. Dennis will look into dates. Possibly Aug or Sep with no major contests. Chris volunteered to help with planning if needed.

Discussion on ZOOM account. It was decided to keep ZOOM for the board meetings. Dave KC9UBG made a motion to reimburse John for the ZOOM account. Second by Mike W9KXP. Motion passed.

Red Cross room reservation is in and we should be good after

Chris KE9YK brought up that he will have a few expenses for the banquet. Motion made to approve up to \$30 dollars for banquet award expenses. Seconded and Passed.

Meeting adjourned 7:50pm

Respectfully submitted, Chris Lantaff KE9YK TARS Secretary

TARS General meeting 4/14/2022

The last meeting was TARS annual banquet at Log Inn! A good time was had by all.



Treasurer Report

March 2022 (prepared 4/2/22)

Opening Balance:	\$6,126.96
Receipts:	
Memberships	\$105.00
Banquet	\$400.00
Amazon	\$58.77
Total Receipts>>	\$563.77
Expenditures:	
Insurance for USI	(\$21.00)
Total Expenditures>>	(\$21.00)
Ending Balance	\$6,669.73
Red Cross Account	\$1,283.82
Funds Available to TARS	\$5,385.91

Tom Hilgeman KD9PFH TARS Treasurer

Looking Ahead

2022

TARS AUCTION TBD

MUSEUM SHIPS WEEKEND 0000Z June 4, to 2359Z June 5, 2022 ARRL Kids Day June Third Saturday Lewis & Clark Trail on the Air June 4-19 Field Day June 26-27 13 Colonies Special Event

National Night Out first Tuesday of August International Lighthouse and Lightship Weekend (ILLW) third full weekend of August Route 66 Special Event September 11-19 Great SHAKEOUT third Thursday of October : October 20th Jamboree-on-the-Air third full weekend in October TARS 4th annual Hamtober Fest 2022 SKYWARN Recognition Day, First Saturday, December 2023 Winter Field Day January xx 2023

Straight Key Night January 1 from 0000 UTC through 2359 UTC ARRL Kids Day Jan First Saturday TARS Banquet INQP 2023

Total Solar Eclipse North America April 8, 2024

TARS is an <u>ARRL</u> affiliated club ARRL <u>Indiana Section</u> Section Manager: Jimmy Merry KC9RPX <u>kc9rpx@arrl.net</u>



TARS mailing address: TARS P.O. Box 4521 Evansville, IN 47724

Don't forget to check out our web page <u>www.w9og.net</u> Facebook Group <u>https://www.facebook.com/groups/TARSw9og</u> TARS Groups.IO <u>https://groups.io/g/TARS</u> TARS E-mail: <u>info@w9og.net</u>

2022 Club Officers - Board members

President John VanVorst N9OL Vice President Scott Hibbs KD4SIR Treasurer Tom Hilgeman KD9PFH Secretary Chris Lantaff KE9YK

Board of Directors

Mike Townsend W9KXP (2021-2022) Charlie Martin WB8LDV (2021-2022) Don Land KB9YWQ (2022) Herb Alvey KB9MZH (2022-2023) Jerry McIntosh WB9ONU (2022-2023) Dave Sandine KC9UVG (2022-2023)

SPARKS Editor:

Chris Lantaff KE9YK E-mail: <u>sparks.w9og@gmail.com</u>