

# SPARKS

Monthly Newsletter of the Tri-State Amateur Radio Society

Serving the Tri-State for over 75 years

January 2023 – Vol. LXXVI, No. 1



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.

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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](http://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](mailto:info@w9og.net).

## Presidents Corner

When I moved to Evansville in April 2019, I never dreamed I would become the president of the local club so fast. I was looking forward to being a part of a bigger club, but never as an officer, much less the president. I was told over and over that “new blood” and “new ideas” were needed. And as I went along, my ideas were well received. I want to thank John, N9OL, for encouraging me to step forward.

I’ve seen what happens if no one shares knowledge, time, or treasure. There will be nothing to offer any new or existing members. Our sharing with each other is the value of our club. So offer to share... not just once... always offer to share. Because sometimes, a good QSO is a matter of repeating a CQ. You are going to hear me repeat this throughout my presidency. “Ask NOT, what this club can do for you... but what you can do for the club.” Trust me, you will enjoy TARS way more – way more by giving yourself first.

As I did research on the club’s 75 year history, I could see that our club hasn’t really changed. In the forties TARS was rebuilding HF and RTTY gear in between the normal CW. In the 50’s TARS members shared putting rigs into car trunks and tracking TVI. In the 60’s they were tracking the new space age across the sky. In the 70’s the chaos of CB and awesome sunspots made radio popular including WARC bands. The 80’s brought TARS packet and autopatch on reliable repeaters with smaller handhelds. TARS in the 90s brought computers into the shack with psk31 and space station communications and APRS and even smaller handhelds. In the 2000’s, digital voice was possible and SDR receivers were enjoyed. Now we got full power SDR transceivers, a sky full of satellites, everything everywhere is going digital and world wide mode called FT8 has exploded. However, time hasn’t changed TARS’s joy of sharing our love of radio art that brings us magical joy. 75, now 76 years, of us sharing.

John N9OL was president before I joined the club and I’ve only experienced TARS in his leadership. I have no idea what it looks like without his leadership. It was his encouragement for new ideas and for my increased involvement. Thank you John for all your support for me and the club. The way I see it, I’m only giving John a small break... so we don’t need to turn the VFO here, we just need to amplify the TARS volume so John can hear it. That volume means your individual sharing, new ideas and all.

Let’s try bringing a small hobby related item to each of the meetings to share when you are introduced.

**(start with name/call – one minute description (no questions) – end with name/call)**

73

Scott Hibbs KD4SIR

**REMINDER CLUB DUES ARE NOW DUE!!**

## January TARS Meeting

The next TARS regular meeting is Thursday Jan. 12<sup>th</sup> 7:00 pm at the Red Cross, 29 S Stockwell Rd, Evansville.

The meeting program will be on logging and logging software, with several presenters. If you are interested in a particular logging program or have questions, be sure to ask them at the meeting. If you have a favorite program you would like to share bring it to the meeting.

## Eat'n Before the Meet'n

We will have a meetup before the regular TARS meeting for anyone that would like to join us. We will meet at 5:30, for you to grab a bite to eat, swap stories and whatever else you like, giving us time to make it to the Red Cross for the meeting.

Come out to **La Campirana 724 N Burkhardt Rd, Evansville**

La Campirana features tacos, burritos, carnitas & other Mexican staples prepared in a colorful counter-serve eatery.

<https://www.la-campirana.com>

## 2023 Winter Field Day

Brian Esche WB9QVR

Winter Field Day is coming up fast! If you've not participated in WFD in the past (and we can't blame you if you haven't since it's not always fun to be out in the cold) we hope you'll join us on January 28 for this fun event! We'll be inside this year (in the shelter house at Scott Township Park - the same place where we operated the INQP last spring) so hopefully we won't be quite as chilly as in years past!



I plan to bring the logging computers and related hardware. I also plan to bring one HF station along with my antenna box which contains a variety of hardware for launching signals in the air. My guess is that we'll have one SSB and one CW station but that can of course change depending upon what everyone would like to do. If we do want to run two (or more) stations we'll need for someone to provide the rig(s) and antenna(s) for those additional stations (as I mentioned I do have plenty of antennas in my goodie box if you don't have one available).

So what say all of you? Do you plan to participate in the W9OG WFD operation? Everyone (hams and non-hams, club members or not) are welcome to join us. Let's have some radio fun! Check the rules on Winter Field Day at:

<https://www.winterfieldday.com/>

## Lewis and Clark Trail On The Air

Mark your calendars for 6/3 - 6/18/2023!

More info will be coming soon to participate again this year.

## TARS Calendar

### January 2023

- 4 Tri-State Emergency Net (Don, KB9YWQ)  
**10m Net following on 28.405 +-**
- 5 **TARS Board meeting 6:30**
- 11 Tri-State Emergency Net (Mark, KC9TYA)
- 12 **TARS Club Meeting 7:00pm Red Cross**
- 18 Tri-State Emergency Net (Chris, KE9YK)
- 21 **VE Testing 9:00 am Red Cross**
- 25 Tri-State Emergency Net (Dave, KC9UVG)
- 28 **Winter Field Day**

### February

- 1 Tri-State Emergency Net (Terry, WB9KQF)  
**10m Net following on 28.405 +-**
- 2 **TARS Board meeting 6:30**
- 8 Tri-State Emergency Net (Walt, WB4ZUT)
- 9 **TARS Club Meeting 5:30pm Golden Corral**
- 15 Tri-State Emergency Net (\* Bruce, W9GFS \*)
- 22 Tri-State Emergency Net (Don, KB9YWQ)
- 25 **VE Testing 9:00 am Red Cross**

## February Meeting - Banquet

The February 9<sup>th</sup> meeting will be our annual banquet, to be held at Golden Corral, 130 Cross Pointe Blvd, Evansville.

TARS has the meeting room reserved to start at 5:30 pm.

***This will be dutch treat, so just pay as you enter*** as usual and come to the meeting room and join us. Prices are listed as \$15.99 per person, seniors over 60 are \$14.99, drinks \$2.99, plus taxes.

## Special Election

***TARS will hold a special election in Feb at the regular club meeting (banquet) to fill the vacant Board Member spot left by Jerry WB9ONU as he moved into the Vice President position.***

***This will be to fill the remaining term of 2022.***

***If you are interested in filling this position,***

**Contact: [Tom Hilgeman KD9PFH](#)**

## In Sympathy

TARS would like to offer our sincere condolences to Chris Matthews N9JCA and Jeremy Matthews K9EPD on the passing of their wife/mother Sharon Matthews on DECEMBER 24, 2022.



## The greatest hobby in the world.

It was late at night and I heard a call on the 79 asking for a radio check. No one answered so I did. (btw, when no one answers, the call is for you) I met Mark N9PDL who just installed a temporary antenna. Turns out we are both west-siders living a couple miles apart and we both got our licenses in 1992. And it took us both many years to upgrade to general. (sounds like we started singing the song Breakfast at Tiffany's right?) He taught me some Fusion features while we were hamming (ask him on the radio yourself). He invited me to join him in two days to help another ham dig a 2x2x4 hole for his tower. Mark stated he had a tractor for this and could do it in 5 minutes. I said sure, what a hobby!! Meet a stranger on a radio. Go with him two days later to help another stranger dig a hole. When the wife questioned me, I said afaik they're digging the hole to bury me! (James R Hoffa was not a ham, I checked.. Wait, she was pretty quick about that permission.)



We drove to Newburgh to meet Mark KDOEE who was ready with call before you dig flags (call 811) in the yard. N9PDL got on his tractor and displayed excellent talent. At one point he froze and said he hit something. We found at the corner of the hole, he had bent a plastic conduit that was running electricity to a shed nearby. Bent but not broken – no damage. (I asked later how he knew and he said he “heard it”. We sure didn’t.) He was done in about 45 minutes and this included the time it took him to scatter and level the low spots in the back yard with the dirt pile. Amazing to watch because at a previous QTH I dug this same hole the wrong way (with a shovel and pick) and it took three days.



When we got done, KDOEE invited us into his shack. KDOEE loves to do CW contests and has several certificates. This is where I took the picture of him for the brag rag in Sparks last month. KDOEE has just finished putting his shack together in this new house. The

only antennas installed are ones he has built and they are for UHF/VHF. He had a short tripod on his roof with a small rotor under it. On the 5 foot pole was a 5 element 2M cubical quad antenna which he was able to point to far away repeaters with success. (Ask him on the radio, don't wait for me to tell you.)



KDOEE amazed us when he stated the cost was under \$10 (well he said \$5 but I don't believe him). Then he was saying how easy it was to build so I asked if he could teach the club how to make this for our next antenna project and he agreed. Woohoo!

The interaction with these two instant friends taught me a valuable lesson that I want to highlight as president of the club going forward. I might keep repeating it because it's profound and very true.

### We GET from this club, what we GIVE.



We three are all old hams, but we are still learning new things. We amaze each other in turn. KDOEE is exploring Fusion digital and once the tower is up, he might just get one for that easy quad. N9PDL just finished his UHF/VHF permanent antenna install but is

exploring HF on his new Yaesu with an End Fed antenna. I'm involved in the MorseRunner Community Edition project (CW) and awaiting delivery of a FTM-300 from Black Friday for early Christmas. We are all doing different things yet find areas where the three of us can help each other. Instant friends. Absolutely the greatest hobby in the world.

73, KD4SIR Scott



## Happy 75th Birthday—Transistor

"75 years ago on December 16, 1947, Walter Brattain and John Bardeen managed to build and test the first working transistor. The point-contact transistor was made of two gold foil contacts sitting on a germanium crystal. As a "magnificent Christmas present" William Shockley, John Bardeen, and Walter Brattain later demonstrated the point-contact transistor on December 23, 1947 to executives at Bell Laboratories. The New York Herald Tribune predicted that this invention would be a revolution in the electronics industry. Little did they know just how big of a technology revolution this invention would end up being. The invention of the transistor may have been the greatest technology development of the 20th century!"

[Arizona State University](#)

## Transistorized

John Bardeen, William Shockley and Walter Brattain at Bell Labs  
A PBS presentation.

<https://youtu.be/U4XknGqr3Bo>

## -- Volunteers on the Air --

By now, you may have heard of the ARRL Volunteers on the Air operating event for 2023. This is similar to the ARRL Centennial Celebration in 2014 in that if you make on-the-air contact with an ARRL volunteer, you get points that will accumulate on an online leaderboard. The details of the event along with the points table for each volunteer position can be found here: <http://www.arrl.org/volunteers-on-the-air>

Also, just like the ARRL Centennial, W1AW/portable stations will be on the air from each state twice during the year. Indiana is scheduled for the weeks of July 26 and December 13. Central Division Director Carl Luetzelschwab K9LA and myself are looking for hams in Indiana to coordinate Indiana's two W1AW/portable activations. The coordinator doesn't have to make all of the on-the-air contacts for Indiana, but we do need someone to line-up and schedule the on-air representatives from Indiana.

Please contact Carl or myself if you are interested.

Bob Burns AK9R

ARRL Indiana Section Manager

email [ak9r@arrl.org](mailto:ak9r@arrl.org)

## Rep. Lesko Introduces Bill to Replace Symbol Rate Limit with Bandwidth Limit

12/22/2022 ARRL

Congresswoman Debbie Lesko (AZ-08) introduced a bill in the U.S. House of Representatives (H.R. 9664) on December 21, 2022, to require that the Federal Communications Commission (FCC) replace the current HF digital symbol rate limit with a 2.8 kHz bandwidth limit.

After being petitioned by ARRL The National Association for Amateur Radio® in 2013 (RM-11708) for the same relief, in 2016 the Commission issued a Notice of Proposed Rulemaking (WT Docket No. 16-239) in which it agreed that the HF symbol rate limit was outmoded, served no purpose, and hampered experimentation. But the Commission questioned whether any bandwidth limit was needed in its place. Most amateurs, including the ARRL, objected to there being no signal bandwidth limit in the crowded HF bands given the possibility that unreasonably wide bandwidth digital protocols could be developed, and since 2016 there has been no further FCC action. In conjunction with introducing the legislation, Congresswoman Lesko stated that "With advances in our modern technology, increased amounts of data can be put on the spectrum, so there is less of a need for a regulatory limit on symbol rates. I am pleased to introduce this important piece of legislation to update the FCC's rules to support the critical role amateur radio operators play and better reflect the capabilities of our modern radio technology."

ARRL President Rick Roderick, K5UR, hailed introduction of the bill. Roderick stated that "the FCC's delay in removing this outdated restriction has been incomprehensible, given that the biggest effect of the delay is to require totally inefficient spectrum use on the already-crowded amateur HF bands. I hope that the Commission will act to remove this harmful limitation without waiting for the bill to be passed."

ARRL Legislative Committee Chairman John Robert Stratton, N5AUS, added that "the symbol rate limit hampers experimentation and development of more efficient HF data protocols by U.S. amateurs. For all practical purposes the field has been ceded to amateurs outside the U.S., where there is no comparable limit. Removing the restriction not only will allow U.S. amateurs to use the most efficient data protocol suitable for their purpose, but it also will promote and incentivize U.S. amateurs to experiment with and develop even more efficient protocols."

## TARS @ Groups.IO



**Have you signed up yet for the TARS Groups.io email list?**

You can subscribe at <https://groups.io/g/TARS> or by sending an email to [TARS+subscribe@groups.io](mailto: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](mailto:TARS+help@groups.io)

## Brag Rag

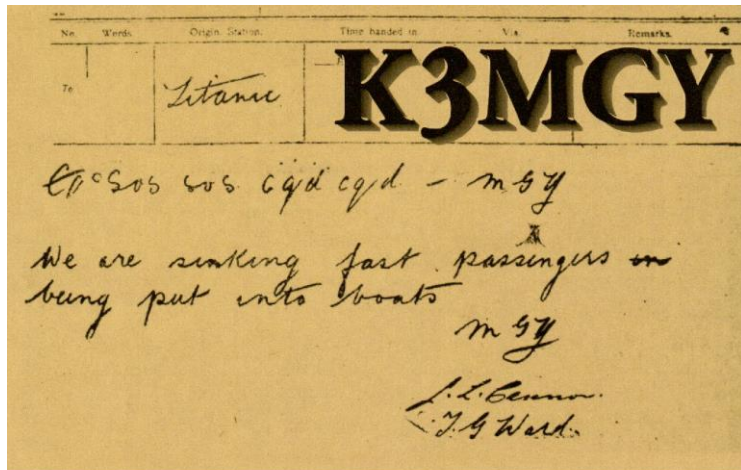
How long have you waited for a QSL card?

How about 10 years and 8 months.....

From Facebook post By Ron KC9OUT

Dec 7 2022

Got a QSL card from April 2012 in the mail today that was from a Titanic 100th Anniversary Commemorative Station.



# K3MGY

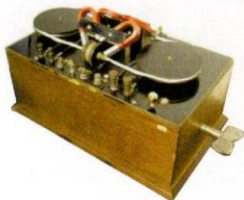
Titanic Wireless Association  
215 N Rolling Rd. Catonsville, MD 21228

Commemorating the  
100<sup>th</sup> Anniversary  
of the loss of Titanic  
In cooperation with  
The National Electronics Museum  
Baltimore MD USA

Confirming QSO With KC9OUT PSE QSL (TNX)

DATE / TIME				Frequency or Band	RS(T)	Mode
D	M	Y	UTC			
4	Apr	2012		20m	59	SSB

The Communications Gallery at the Museum includes a working reproduction of the magnetic detector used at the Titanic wireless room (photo at left).



The front of the card is a replica of the distress signal received by the Russian steamer *Birma* as published in the London Daily Telegraph and The Sphere.




(image courtesy of Nova Scotia Archives, Halifax, N.S.)

"Me QSL" Custom QSL Cards www.K3JSG.com

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.net to have them included in your newsletter.

## The "ELECTRO" STATIC MACHINE



Guaranteed to throw a 3-inch spark by merely turning the crank. This machine will give you more amusement than anything you have ever had, and you can perform thousands of experiments with same. Lights Geissler and X-Ray tubes, charges leyden jars, fires powder, works Wireless Stations, raises a person's hair, etc.

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**THE ELECTRO IMPORTING COMPANY**  
233a Fulton Street NEW YORK CITY

"Everything for the Experimenter."

# ★ HAPPY ★ BIRTHDAY!

## January Birthdays!!!

Kelli Land	KD9COS	8th
Ean Stanhope	KD9VQC	9th
Cynthia Pike	KD9VOY	9th
Zachary Helfert	KD9VKC	14th
Rick Finical	KF0TL	18th
Betty Lantaff	KC9VDA	27th
Charlie Martin	WB8LDV	28th

## VE Testing 2023

January 21 2023 - 9AM Central time  
February 25 2023 - 9AM Central time  
April 29 2023 - 9AM Central time  
May 27 2023 - 9AM Central time  
June 17 2023 - 9AM Central time  
July 29 2023 - 9AM Central time  
August 26 2023 - 9AM Central time  
September 30 2023 - 9AM Central time  
November 4 2023 - 9AM Central time  
December 9 2023 - 9AM Central time

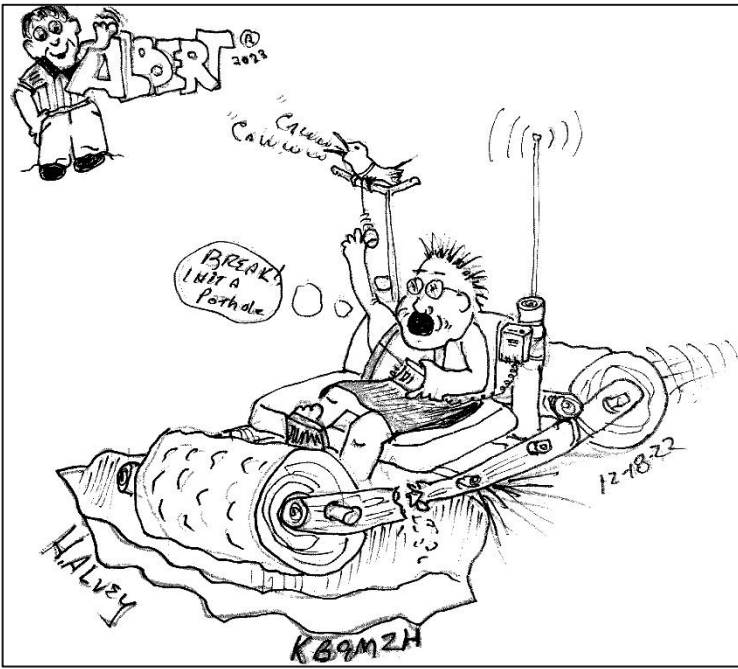
**You will need to know your FRN number. If you have a license currently you have an FRN number. If you do not yet have a license you can register with the FCC and obtain an FRN number. Go to [www.fcc.gov/register](http://www.fcc.gov/register).**

**If you need help or have questions, please let me know at [n9ol@arrrl.net](mailto:n9ol@arrrl.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





I've hit a pothole! By Herby KB9MZH



## 2022 Spring Spotter Training Season Classes

Questions about webinars or on-site classes can be directed to:  
Christine.Wielgos@noaa.gov

SPOTTER TRAINING WEBINARS (VIRTUAL CLASSES):

Click link below to register

**Thursday January 27, 2022 - 6:00 PM**

<https://attendee.gotowebinar.com/register/6983892671132874253>

**Tuesday February 15, 2022 - 6:00 PM**

<https://attendee.gotowebinar.com/register/2291426632927344912>

**Monday March 21, 2022 - 6:00 PM**

<https://attendee.gotowebinar.com/register/3300815690621103630>

### SPOTTER TRAINING ON SITE CLASSES:

**Registration is REQUIRED to attend on site classes:**

**Thursday February 24, 2022 - 6:00 PM CST:** Chrisney, IN  
(Spencer County) Chrisney Youth & Community Center

**Saturday February 26, 2022 - 10:00 AM CST:** Mt. Vernon, IN  
(Posey County) Posey EMA Annex 311 Mill St.

More Information, full list of classes and registration:

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

## 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.



Let's welcome our newest NCO,

**Bruce Hatfield W9GFS.**

Bruce will have his first turn Feb 15<sup>th</sup> and will be an added asset for us.

If you would like to be a Net Control Operator for the Wednesday Night Net or learn how to run a SKYWARN net, Contact: [Chris Lantaff KE9YK](mailto:Chris.Lantaff@ke9yk.com).

## Vanderburgh Co. ARES/RACES

The next Vanderburgh county  
ARES/RACES meeting January 20th,  
6:30pm on ZOOM.

Anyone interested in emergency  
communication in Vanderburgh County is  
invited to participate.



Vanderburgh County Auxcomm

Chris KE9YK [IN82RACES@gmail.com](mailto:IN82RACES@gmail.com)

Vanderburgh Co RACES Officer

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](mailto:KC9CLO@gmail.com)

## Secretary Report

### TARS Board Meeting 12/1/2022

Zoom meeting called to order at 6:30 by John N9OL

Members present, John N9OL, Scott KD4SIR, Tom KD9PFH, Chris KE9YK, Charlie WB8LDV, Jerry WB9ONU, KC9UVG Dave, Don KB9YWQ, Dennis WA2USA, Walt WB4ZUT and Herby KB9MZH

- Zoom discussion: To register a club Zoom account. Club to keep presenting club meeting on zoom. Possibly hold board meetings on Zoom. Motion to register TARS Zoom account. Second by Charlie WB8LDV. Motion PASSED
- Secretary Report Chris KE9YK, accepted
- Treasurer Report Tom KD9PFH ending balance of \$7,344.53 Accepted

- John N9OL stated he will remain the VE Team Leader
- Discussion on checking account signatories for 2023. Motion made to have John Van Vorst N9OL, Tom Hilgeman KD9PFH and Scott Hibbs KD4SIR to be signatories for the TARS checking account. Motion to approve by Charlie WB8LDV, second by Don KB9YWQ. Motion PASSED
- Dec meeting will have refreshments: Cookies John N9OL Drinks Tom KD9PFH  
John has a few things for door prizes and a few things in the radio room also.  
Program: Jerry ARRL QSL Bureau and Scott on QSL cards. All Things QSLing
- Digital Internet Library – Scott, more than 200 things have been submitted for the TARS folder. John says it looks really cool. The text is searchable which makes it kind of nice.
- Need to make sure we preserve meeting minutes and SPARKS.
- Wire donation N9OL: Susan Wood, widow of Dave Wood a long-time ham in the area, donated a bunch of wire she found in the garage. At least several hundred feet of 14 ga stranded with black jacket, and some more pools of different wire. It is in the barn on the cart. Perhaps we can use this and have a dipole building night for a meeting. This can be done indoors or out.
- Scott talked to Mark KD0EE about 5 element quad he had built. Will have article for SPARKS
- Jan meeting: Logging programs and how to do logging.  
Feb- Banquet – Need location suggestions  
Mar- Jerry suggested a WX/emergency prep meeting  
Apr-  
May- INQP  
June- Field Day  
Chris suggested having picnic in Aug/Sep separate from INQP
- Jan 28<sup>th</sup> WFD at Scott TWP Park, reservation is in.
- Discussion on club auction. Feel it wouldn't add much since we have the Hamtober Fest.
- Field day discussion- Having it at Red Cross. All 2023 dates have been submitted to Red Cross and if the board meetings will be on zoom, we can cancel those dates.
- WFD – John will get with Brian WB9QVR and start planning winter field day.
- Lewis and Clark On the Air- John N9OL will check on the event.
- Jerry WB9ONU says page 68 of Dec QST has our FD score.
- Scott reminded everyone of Amazon Smile

Meeting adjourned 7:30pm

Respectfully submitted

Chris Lantaff KE9YK, TARS Secretary

## TARS Regular meeting 12/8/2022

Meeting called to order by John N9OL, 7:00 pm at the Red Cross

We had introductions from everyone with 28 in attendance and several on ZOOM online.

- Presentation of plaque from ARRL for TARS 75 anniversary by Carl Luetzelschwab K9LA, the ARRL Central Division Director, via ZOOM.
- Treasurer Report - Tom KD9PFH ending balance \$7,344.53 Accepted
- Secretary Report - Chris KE9YK Accepted.
- January 28 - Winter Field Day will be held at Scott Twp. Park in an enclosed shelter.
- Jan meeting – Logging Software

- February: Banquet, looking for suggestions on location
- May – INQP
- June – Field Day
- Radio Room Revamp? Looking for a committee to look into soundproofing, rearranging / new chairs etc.
- The last VE testing for the year was last Sat. Will have 2023 dates confirmed soon.
- Thank you to the Officers and Board members for serving in 2022
- Will need to have a special election to replace Jerry on the board.
  - Two nominations from the floor. Don KB9YWQ and Dennis WA2USA
- Reminder Dues are due in January
- We had a drawing for several door prizes.
- Mark KD0EE showed off his 5 element 2m quad and talked about how easy of a build it is.
- The program was on all things QSLing.
  - Scott KD4SIR talked about QSL's and the OMISS Net and their QSL bureau for OMISS QSL's
  - Dennis WA2USA talked about QSLing DX stations and had a few hints on getting a return QSL.
  - Jerry WB9ONU talked about the ARRL QSL Bureau and had a short video by the ARRL.

Respectfully submitted

Chris Lantaff KE9YK, TARS secretary

## Treasurer Report

November 2022 (prepared 12/1/2022 )

Opening Balance: \$7,701.91

### Receipts:

Memberships	\$50.00
Amazon donation	\$35.62
Lynnville Community Center Full Refund	\$375.00
VE Testing	\$14.00
Tee Shirt Sales	\$36.00
Total Receipts --->>	\$510.62

### Expenditures:

Indiana Farmer's Mutual liability insurance	(\$368.00)
25.00 More than last year	
Scott Township Shelter Rental for Winter Field Day	(\$125.00)
Lynnville Community Center for 10-14-23 HamFest	(\$375.00)
Total Expenditures--->>	(\$868.00)

Ending Balance	\$7,344.53
Red Cross fund	\$1,388.82
Funds Available to TARS	\$5,955.71

## Looking Ahead

### TARS PICNIC TBD

Winter Field Day January 28 2023

TARS Banquet February

INQP 2022 May

MUSEUM SHIPS WEEKEND June

ARRL Kids Day June Third Saturday

Lewis and Clark Trail On The Air June 3-18 2023

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

Light Up 2 Meters Night August

[Route 66 Special Event](#) September 11-19

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

TARS 4<sup>th</sup> annual Hamtober Fest 2022

SKYWARN Recognition Day, First Saturday, December 2023

Straight Key Night January 1 from 0000 UTC through 2359 UTC

ARRL Kids Day Jan First Saturday

[Total Solar Eclipse North America April 8, 2024](#)

## 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<sup>th</sup> of the month.**

**Most any document format is acceptable.**

**Photos or graphics of your subject are welcome.**

**Send your article to: [sparks@w9og.net](mailto:sparks@w9og.net)**

TARS is an [ARRL](#) affiliated club

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](http://www.w9og.net)

Facebook Group

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

TARS E-mail: [info@w9og.net](mailto:info@w9og.net)

## 2023 Club Officers - Board members

President [Scott Hibbs KD4SIR](#)

Vice President [Jerry McIntosh WB9ONU](#)

Treasurer [Tom Hilgeman KD9PFH](#)

Secretary [Chris Lantaff KE9YK](#)

### Board of Directors

[Herb Alvey KB9MZH](#) (2022-2023)

[Dave Sandine KC9UVG](#) (2022-2023)

**OPEN Special election Feb** (2023)

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

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

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

### SPARKS Editor:

Chris Lantaff KE9YK

E-mail: [sparks.w9og@gmail.com](mailto:sparks.w9og@gmail.com)

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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:

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