

# Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

January 2023

Volume 24

Issue 1

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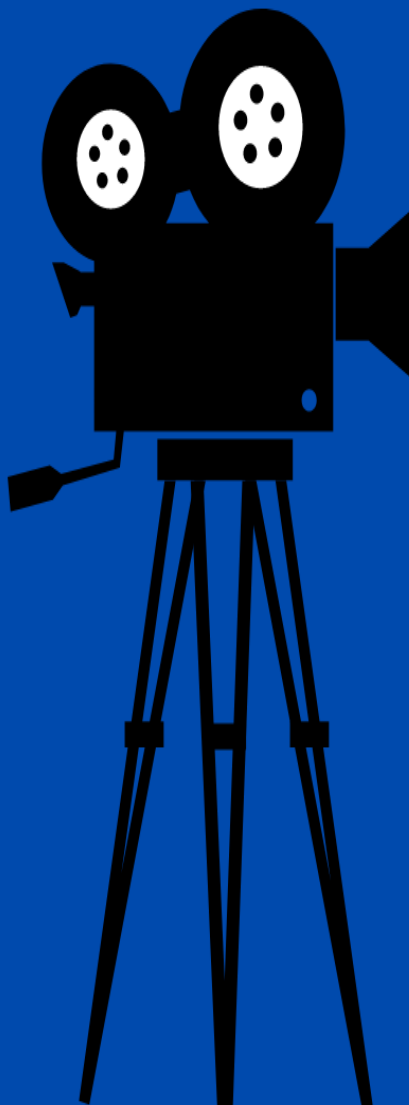
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And much more!

CHECK OUT THE NEW

# SHORT FILM ON HAM RADIO





I would like to start by thanking Carole Burke, WB9RUS for serving as President of the Fort Wayne Radio Club for the past several years. Her dedication and grace in that role will be missed, although she remains as a member of the Board. Thank you for your all of your hard work, Carole! She includes a parting message in this edition.

**New Update: Little Red Barn Net**

Also new to HamNews is an update from the Little Red Barn Net. Thanks to Tom, KU8T for this report.

**Technician Licensing Class**

The NIARA club in Auburn will be sponsoring a Technician licensing class and exam session this month. See the information in this edition of HamNews.

**K3Y Events**

Check out the information about this month's K3Y special event station and the event at Ken N8KR's station over the weekend of January 7-8.

**Portable /VY2**

Also included in this edition is a short story about my recent trip to Canada that included operating on Prince Edward Island.

**Thank You**

As we start 2023, I would like to thank each of the authors and contributors to HamNews. This publication would not be possible without your work and help.

Happy New Year—and may it be a fair sight prettier than 2022!

73,

*Josh, W9HT*

**ALLEN COUNTY  
HAMNEWS**

HamNews is a monthly, joint publication of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, and the Fort Wayne DX Association.

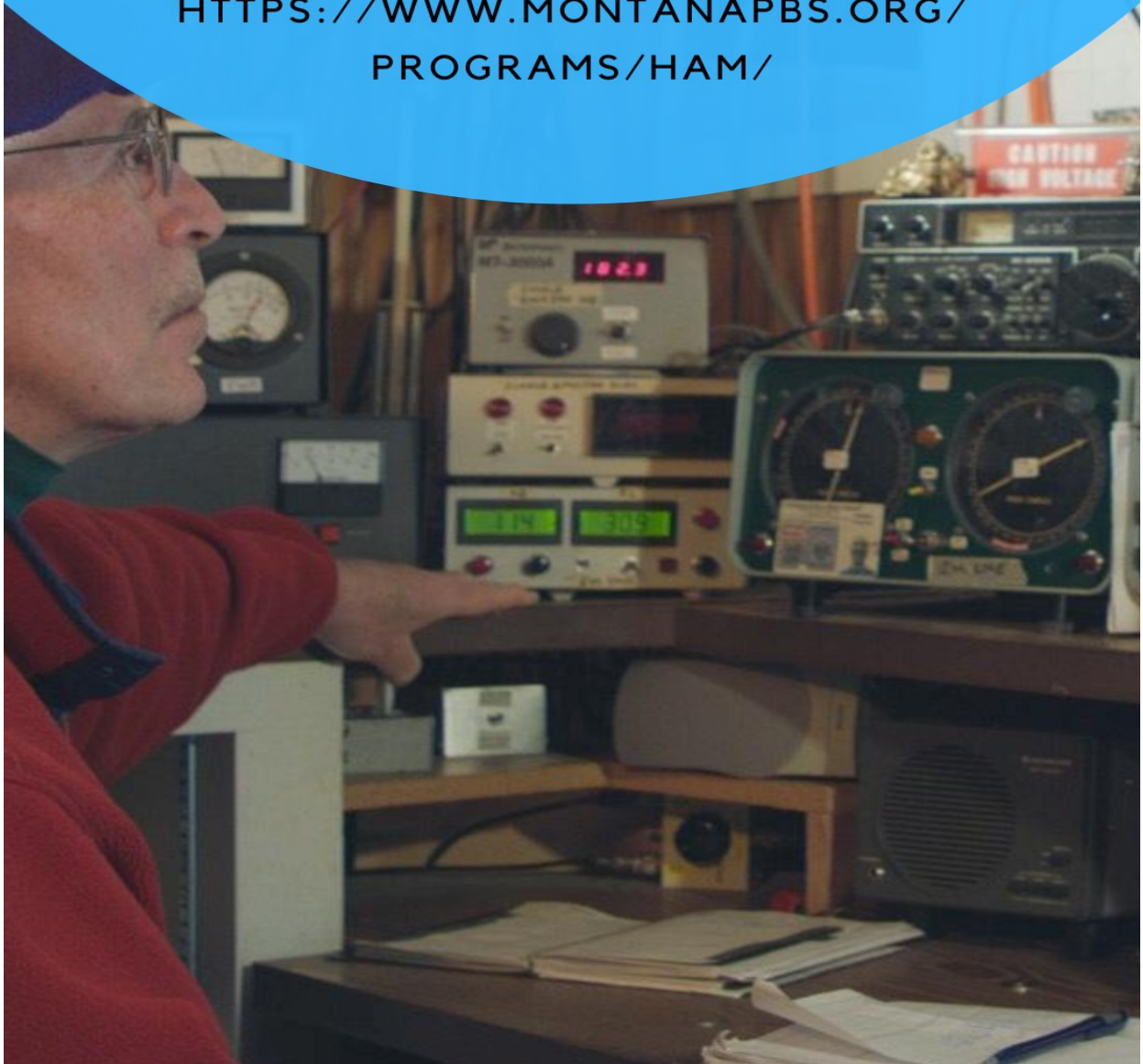
Articles are written by members and friends of the three clubs. New submissions for HamNews are always welcome. Please send your information to the editor within two days of the end of the month for inclusion in the next edition.

HamNews Editor  
Josh Long, W9HT  
drjoshlong (at) gmail.com

FROM MONTANA PBS

**SHORT MOVIE:**  
**HAM**

AVAILABLE FOR FREE AT:  
[HTTPS://WWW.MONTANAPBS.ORG/  
PROGRAMS/HAM/](https://www.montanapbs.org/programs/ham/)





**ALLEN  
COUNTY**

## ARES and Repeater Use

By Brian Kibiger, AC9XU,  
AEC, Allen County ARES

Repeaters and their usage by the ARES radio operator are a key element to a successful community event. As the ARES organization operates in emergency and non-emergency situations, there may be times when a repeater is needed/used by the ARES organization to better serve the event. Therefore, consideration should be given to the details in the proper use of the repeater so that efficient communications can be achieved.

### Definition

Ham radio repeaters are two-way radiocommunication devices. They have a transmitter and receiver working simultaneously to receive weaker signals, strengthen them, and transmit them over a wider area, ensuring that the signals get better coverage without degradation (Bing).

### Key Development Points

- **Use minimum power.**

Otherwise, especially in heavily populated areas, you run the risk of keying more than one repeater, thus causing unnecessary interference. Low power also conserves batteries.

- **Use simplex, whenever possible.** ARRL recommends 146.52 MHz, but it's a good idea to have at least one other simplex channel available. Use a gain antenna at fixed locations for simplex operation.
- **Observe the "pause" procedure between exchanges.** When it is your turn to transmit, after the transmitting station stands by, count to two or three before pressing your transmit switch. This gives others with urgent traffic a chance to check in.
- **Listen much, transmit little.** Announce your presence on a repeater when you are certain of being able to assist in an emergency, and don't tie it up with idle chatter.
- **Monitor your local ARES net frequency** when you are not otherwise busy.
- **Think before you talk.** Stick to facts, control your

emotions. Remember, during an emergency is the time when you are most apt to act and speak rashly. Anyone with an inexpensive public service band receiver can monitor.

- **Articulate, don't slur.** Speak close to your mike, but talk across it, not into it. Keep your voice down. In an emergency situation you may get excited and tend to shout. Talk slowly, calmly—this is the mark of an experienced communicator (ARES Field Resource Manual , p. 32).

### Summary

There are times when a repeater is needed to "strengthen weaker signals, and transmit them over a wider area, ensuring that the signal gets better coverage." As an ARES radio operator, we may be called upon to use a selected repeater to complete the role as a support radio operator. It is the responsibility of the radio operator to use caution and care when using a repeater as they execute their duties in support of the agencies they support.



We had another great month on the LRBN -" Little Red Barn Net" Monday thru Friday at 9:00am on 3.820 mhz. LSB. We have about 14 to 25 check-ins per day, with self-generated topic's each day by the check-Ins, but Thursday when Jack W9GT picks a topic, and we kind of run with it, a lot of fun.

Net Control Operators are Monday KU8T, Tuesday K9FW, Wednesday KD9HAV Norm, Thursday W9GT Jack, Friday K9SKS Steve.

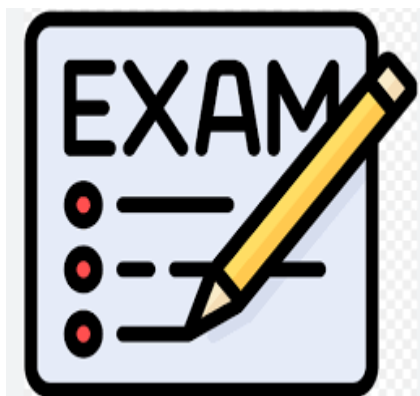
We have a mobile web page at <https://gmrepair1.wixsite.com/mobile> that works with mobile and desktop systems. On the mobile page is lunch information times dates, pictures of previous lunches and other information.

Also, we have a lunch every two weeks alternating from north Fort Wayne to south Fort Wayne. We been having 15 to 25 participants at each lunch.

Dates would be 1/12/2023, 1/26/2023, 2/9/2023 ... at 11:30am each date.

If you want to be on the LRBN email list, let me know at gmrepair1 (at) aol.com, or message me at 260-437-4676 with your email and call sign or name.

*73, Tom, KU8T*



## January 2023 Technician Licensing Class in Auburn, IN

The Northeastern Indiana Amateur Radio Association will have a Technician License Class starting on January 10th on Tuesday and Thursday nights from 6:30 PM to 8:30 PM at the Comfort Suites located at 1137 W 15th Auburn, Indiana.

Testing is scheduled on January 28th, 2023.

For more information, contact Jeff, KB9QG at [jdeluce\(at\)frontier.com](mailto:jdeluce@frontier.com) or Ritchie, N9RIS at [ritchie-short44\(at\)gmail.com](mailto:ritchie-short44@gmail.com).

# Ham splatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN

**From the  
outgoing FWRC  
President:  
Carole's Corner**



Today is December 30, 2022, and I just wanted to thank everyone for making the past 3 years a pleasure. The Board members were always helpful and supportive. I have been so proud to be the only YL President of this club (so far). All the people who volunteered to present programs or ideas made this job easier.

By the time you read this my term will be over and Larry, KB9OS will be the leader. I hope he has as much support as I did--or more.

Thank you all again. See you at the next meeting.

73,

*Carole, WB9RUS*

**Next FWRC Meeting  
Friday, January 20  
Good Shepherd  
UMC**

**From the  
incoming FWRC  
President:  
Larry KB9OS**



Greetings from the new Fort Wayne Radio Club President!

I'm so looking forward to the ham activities in the year 2023. We have a lot of opportunities coming up this next year. I have successfully contacted several well-qualified speakers to present some technical presentation. I first want to say that I would like to hear from the ham community on how we can make our club better and more fun. I totally have an open policy as your president. If there are any members that have any suggestions, please let me know what they are.

As your new president, there will be changes in the next year, hopefully with your input. The first thing I would like to do is to take a survey of what projects and accomplishments that we need to do in 2023. So far, I have had several suggestions and I will be passing out a survey sheet at the next meeting so you can prioritize and/or suggest about what needs to be done.

I look forward to seeing you and hearing from you in 2023.

*TNX ES 73 DE KB9OS*

**FWRC Officers  
2023**

**President**

Larry Temenoff, KB9OS  
Temenoff(at)pfw.edu

**Vice President**

Josh Long, W9HT  
(260) 749-9851  
drjoshlong(at)gmail.com

**Secretary**

Al Burke, WB9SSE  
(260) 637-1989  
aburke55(at)comcast.net

**Treasurer**

Bob Streeter, W8ST

**Communications  
Manager**

Charles Ward, KC9MUT  
(260) 749-4824  
kc9mut(at)yahoo.com

**Directors**

Steve Nardin, W9SAN  
(260) 482-4039  
w9san(at)arrl.net

Carla Barrett, KD9ITZ

Terry Bowman, K9FMX  
(260) 705-7128  
tjbowman(at)frontier.com

Carole Burke, WB9RUS  
(260) 637-1989  
wb9rus(at)comcast.net



2022

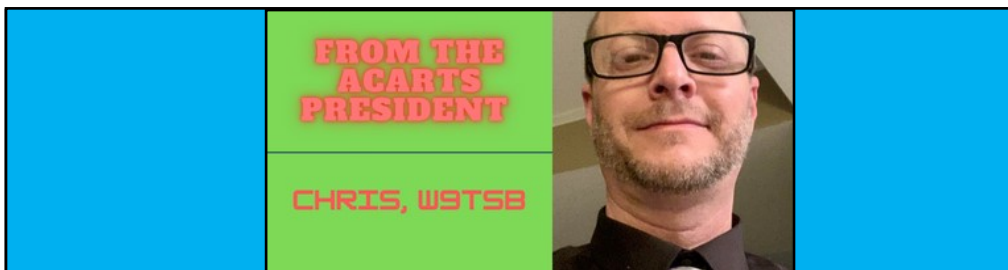
CHRISTMAS PARTY

FWRC

# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



Hello everyone!

Hope you all had a Merry Christmas and a Happy New Year!

Our last general meeting which was a virtual meeting. It included a setup and real-time QSO with FT8 using WSJT-X. Also, we had the hamfest volunteer staff prize drawing. The winners should be getting their prizes in the mail very soon. Our winners are as follows:

- ◆ Ed, K9EJS: \$25.00 ARRL Coupon
- ◆ Ewing, K9RWO: \$25.00 ARRL Coupon
- ◆ Stuart, KD9LFW: \$50 Gift Certificate from EAE Sales
- ◆ Ken, WD9HIY: \$50.00 cash prize

Also, we are planning a post-holiday get together in late January. Details will be announced at our next general meeting on January 17, 2023.

Our January general meeting will be on FLRig and FLDigi. This will be a virtual meeting on Zoom, the link will be posted on the ACARTS website at [www.acarts.com](http://www.acarts.com) about a week or two before the meeting. Those that wish to join the meeting are welcome to do so.

Thank you, all!

73,

*Chris McCullough, W9TSB*

## ACARTS Officers 2023

### President

Chris McCullough W9TSB  
260-312-2750  
kd9lrw(at)gmail.com

### Vice President

Jim Boyer KB9IH  
260-489-6700  
kb9ih(at)arrl.net

### Secretary (open)

### Treasurer

Howard Pletcher N9ADS  
260-747-5252  
n9ads(at)arrl.net

### Station Manager

Jim Sampiere KD9NPL  
260-999-8132  
Kd9npl(at)gmail.com

### Fundraising Manager

Fred Gengnagel KC9EZP  
260-704-7801  
kc9ezp(at)gmail.com

### Directors at Large

Bob Erb N9PWM  
260-466-7772  
roberterb(at)hotmail.com

Steve Shannon K9SKS  
260-704-5353  
k9sks(at)aol.com

Dan Dahms N9WNH  
260-503-4163  
n9wnh(at)arrl.net

### W9INX Trustee

Dave Lindquist W9LKH  
260-485-6135  
w9lkh(at)comcast.net





## I Miss My Shared Apex Loop

By Carl Luetzelschwab, K9LA

I'm happy to report that I recently achieved 'ELITE' status in the PCAR (Procrastinator's Club of Amateur Radio). I have to admit that I didn't work too hard to achieve that. Here's the story behind this achievement.

In the summer, the performance of my Shared Apex Loop (SAL) just wasn't like it used to be – the F/B was degraded and signals were not as strong as they used to be. An inspection of the RG-59 coax going from the shack to the SAL showed breaks in the outer cover and the braid – most likely due to critters. I also suspected a problem with one of the feed wires to one of the four loops.

I figured that this was just a minor problem with the SAL and that I'd repair it later in the summer. But one thing came up, another thing came up, some more things came up and soon it was the weekend of the ARRL 160m contest and the SAL was still in need of repair. So I did what I could only do – participate without using it, using my 160m inverted-vee at 55 feet for both transmit and receive.

The 160m inverted-vee at 55 feet certainly doesn't put a lot of energy at low angles like a vertical, but it still works fairly well for domestic QSOs on 160m. I ended up with 43 states (including several West Coast states and even

KH6) and 4 countries (C6, VP5, PJ2 and TI). Not too bad for a "cloud warmer".

I did have trouble copying many of the weaker stations using the 160m inverted-vee. The noise level with the 160m inverted-vee was about S3 to S4. In desperation, I tried using my 80m inverted-vee at 30 feet (I use it for the traffic nets – QIN, ITN and 9RN). Wonder of wonders, it offered a much better signal-to-noise ratio (SNR) than the 160m inverted-vee on many stations from the east. But it didn't offer any improvement on most stations to the west – in fact, I observed that most signals from the west disappeared. What was going on?

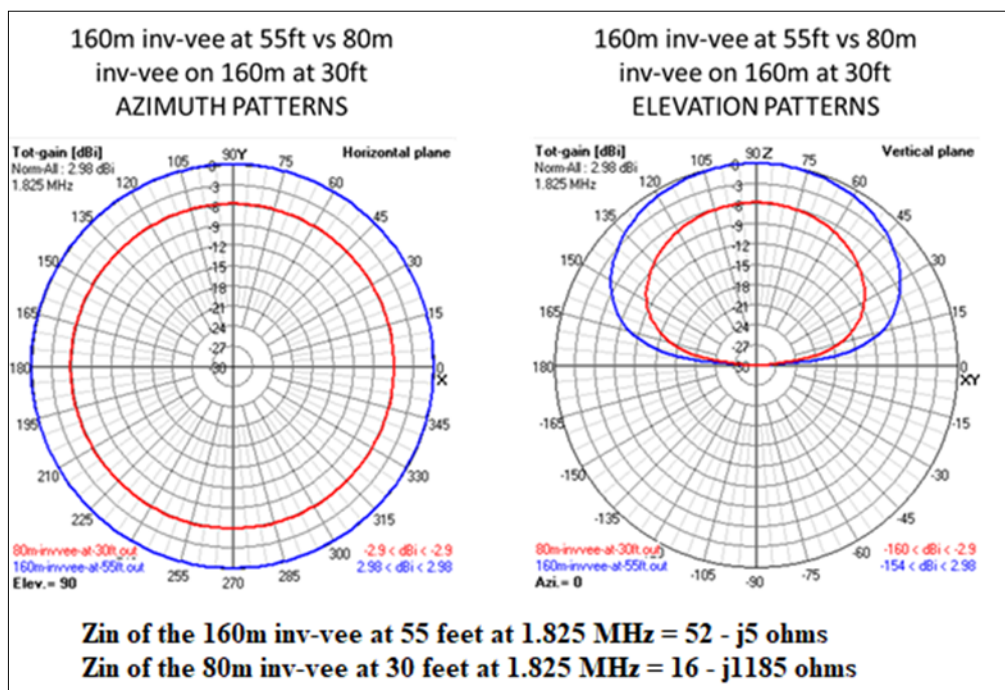
I looked at both the azimuth and elevation patterns of the 160m inverted-vee at 55 feet and the azimuth and elevation patterns of the 80m inverted-vee at 30 feet when used on 160m. See the accompanying image. I should point out that east and west is broadside for both antennas (not off the ends).

As for the azimuth patterns, both are omni-directional since both

antennas are low in height in terms of wavelength. The 160m inverted-vee at 55 feet has about 6 dB more gain than the 80m inverted-vee at 30 feet when used on 160m. That might explain why signals from the west disappeared, but that should have also occurred on signals from the east.

It's not obvious to me what's happening. Here are some questions that I've pondered. Are my observations accurate? Is the model of the two antennas accurate (ground environment including terrain flatness)? Do my observations depend on how atmospheric noise arrives at my QTH (azimuth and elevation)? What about man-made noise? Does the significant impedance mismatch with the 80m inverted-vee on 160m have an effect? I could go on, but my head is starting to spin.

The bottom line is I need to repair the SAL. That might mean I'll give up my Elite status in PCAR – but that's okay with me. I'm sure I can find another issue with which to procrastinate.



# Tuning Up

## Tablet Logging

Happy 2023! As you all read this column, the year 2023 has slowly but surely made its way into our calendars. I hope you all had a wonderful 2022, and that 2023 is even better!

With a whole year of radio contacts to make, this month's column is giving a quick update on something that is necessary for the radio amateur in the 21<sup>st</sup> century – logging software. Particularly, how does the ham on the go log contacts?

Other than good ole' fashioned paper, the easiest way to log contacts for portable ham operations is to use something like an electronic log on a tablet or smart phone. Pc's are great for logging contacts electronically, but sometimes one would rather not carry around a full laptop and prefer to use something smaller and quicker.

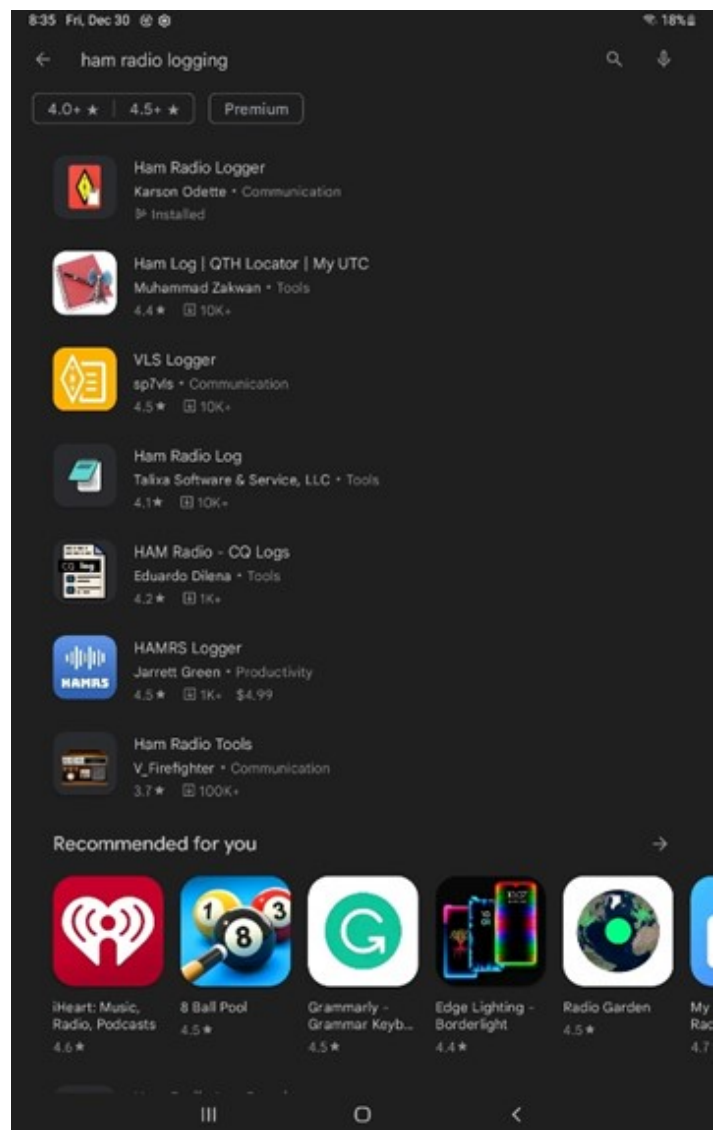
With the proliferation of smart phones and tablets, electronic logging via touchscreen device is rapidly becoming more common in the world of portable operators, such as those engaged in Parks on the Air (POTA) or Summits on the Air (SOTA) activations.

Getting an electronic log on a tablet or smartphone device is simple and easy. Below are the steps your author did to get a free electronic logging app for ham radio.

### Finding and Downloading an Electronic Logging App

It's important to note that any logging program one uses on a smartphone or tablet is properly termed an "app." Although the word "app" is common parlance in today's vocabulary, it's important to note that when one downloads a log-

ging application to a smartphone/tablet, it's not going to be as robust as a pc logging program. Apps are well-known for being compact and simple, both to use and in regard to their functionality.

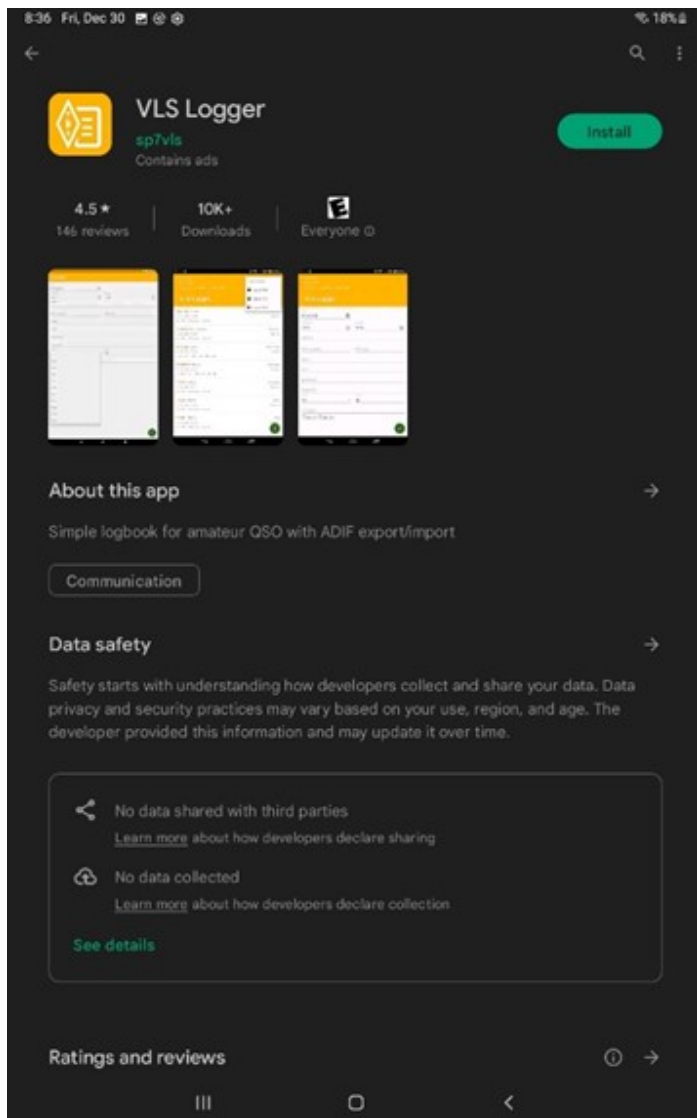


Screenshot of the "Play Store" for ham radio logging apps.

How do you find a logging app? Let's use an example from the author's tablet, a Samsung Galaxy Tab A8. This tablet accompanies the author to classes at college all the time (and has proven its worth many times over in said situations!) As a Samsung tablet, the tablet uses the Android operating system, similar in functionality and appearance to a standard Windows operating system (at least in the author's opinion.)

Turning on the device, one navigates to an app called the “Play Store.” With the tablet/smartphone connected to the internet, one clicks on the “Play Store” and is taken to a website filled with apps that can be downloaded to an Android system.

At the top of the “Play Store” webpage is a search bar. Typing in the words “ham radio logging” yields a number of apps that can be downloaded.



*Download screen for a ham radio logging app.*

It is appropriate at this time to mention that for every app on the “Play Store,” there are some pieces of information one can look at to analyze each app. In a column running down the page are a series of thumbnail pictures. These are the app “symbols” that will show up on your screen once

the app is downloaded. To the right of each app is the name of the app, the “originator” of that app, and how many times that app has been downloaded. Also included in this right-hand column is a listing of what the price of that app is, and how many times the app has been downloaded.

At this point, it can be a good idea to only download or seriously consider apps that have been downloaded a number of times. As more people download an app and leave reviews about their user experience, the accuracy of that app’s ratings improves. Additionally, any bugs contained in the app have a better chance of showing up and being fixed if many people have downloaded that app vs. only a few folks.

Also, don’t be surprised if non-logging apps appear in the listing of “logging” apps. The “Play Store” acts a lot like Google – anything remotely related to or including the search terms you use pops up. Just ignore the non-logging apps and focus on the logging apps.

Once one clicks on an app, there will be a “webpage” devoted to that app, describing what it does, the number of downloads, etc. There will be a glowing green “button” at the top of the screen that says Install. Once one has decided on a logging app, go ahead and click that “Install” button. Once the app has installed, it is ready to go.

So that’s all there is to it! With multiple logging app choices, there is a good chance that one will find just exactly the right logging app with one’s particular preferences.

73 and see you all next month!

*De Jim, ac9ez*

## DXing from Prince Edward Island, Canada



One of the annual events in the fall semester that I always enjoy is fall break. While this break is usually just a four day weekend, this year I decided to check an item off my personal bucket list. This bucket list item will require a bit of a backstory. When I was six years old, my parents decided to move their young family from Michigan to a distant place called New Brunswick, Canada. After staying there for just shy of two years, my family moved back to Michigan. While I have vivid and happy memories from living in the Maritime Provinces, I had not returned there for over thirty years. After wanting to make this trip for over ten years, I decided that this particular fall break was the time to do so. However, any international trip is also a potential opportunity to operate on ham radio as the DX!

Since the United States and Canada have an “automatic reciprocal operating agreement,” I did not have to worry about getting a temporary Canadian license (ARRL, 2022). However, I had no desire to transport any significant amount of radio equipment. While I was not aware of any ham radio stations that could be rented in New Brunswick, I recalled that the VY2TT contest station on Prince Edward Island was available to rent. (Note that Prince Edward Island is located right across the Northumberland Strait from New Brunswick.) I contacted Ken, K6LA, the station’s owner, to inquire about using the station.

After a few email exchanges, Ken graciously gave me permission to operate the VY2TT station at the PEI DX Lodge for an afternoon on Sunday, October 16, 2022. I was ready to embark on a trip that was a mixture of nostalgia and adventure.

On Saturday, October 15<sup>th</sup>, I boarded a short series of flights that arrived in Halifax, Nova Scotia. The drive up to New Brunswick was gorgeous with the fall colors. I arrived in Shediac, New Brunswick around suppertime and stayed at an Airbnb that was right on the ocean. On Sunday morning, I went to Mass at our old parish of St. Paul. The small church was just as I remem-

bered it more than 30 years ago. After church, I spoke with a few of the parishioners and began the 60 minute drive to Prince Edward Island in the small rental car.

As I approached the 8-mile Confederation Bridge and remembering the soundtrack to the 1980s Anne of Green Gables movie, the excitement began to build on a drizzly, mild autumn day. I quickly realized that I did not have clear directions to the station at the northern end of the Island, but ended up continuing on the main highway for about an hour. Happily, the VY2TT towers were almost impossible to miss on the left side of the highway. I arrived around 1pm.



Photo: A panoramic view of the PEI DX Lodge

After being greeted by the property’s caretaker, I found the station’s operating room. A list of the features of the station is available at the PEI DX Lodge website, but I can try my best to describe the station. Inside the shack, there are 3-4 operating positions. Two positions have Elecraft K4 radios, with K3S radios for the other positions. From the photos that I took that day, I counted at least 10 different towers outside. There were stacked antennas for 15m and 20m and a whole bunch of other antennas that I did not even use. Suffice it to say that the VY2TT station is well-equipped.

Ken, K6LA had provided a multiple-page operating document for the station, but I realized that I had not studied it closely enough. The various components of the station were coordinated and controlled through a PC-controlled system. After a call or two to Ken, I got one of the stations on SSB and pointed an antenna to Europe and another one back to North America. Next time I need to be sure to bring a straight key!

Time was very limited, so I began to call CQ as W9HT/VY2 and logged about 265 contacts in my notebook over the next four hours. Most of the contacts were with European stations, including quite a few in the United Kingdom and France,

and a handful with stateside stations. My most exotic contact of the operation was with Amer, HZ1BH in Saudi Arabia.

Sunset was around 6:30pm, so I concluded the operation shortly before things got dark. I still had about a 45 minute drive back to my stop for the evening in the town of Summerside. The following day I returned to New Brunswick for the duration of the trip.

In conclusion, my trip to Prince Edward Island was very short. However, it included an afternoon of operating from a major contest station, a bunch of additional contacts in my logbook, and an amazing opportunity to return to an area from my childhood.



Photo: Wrapping up

Given my experience on that damp Sunday afternoon and from looking at the many operating certificates on the wall of the VY2TT station, I can only imagine that operating from this location during a major contest must be quite the thrill. If you ever have the opportunity to visit and operate from this station, I highly encourage you to do so. Become the DX!

*73 de Josh, W9HT/V42*

P.S. Have you operated from any international locations? Maybe just had a neat experience in the hobby? If so, that would make a great story for an upcoming edition of HamNews!

Scheduled DX Activity for January 2023	
V47JA	VP2MDX
FY/F4GPK	FH4VVK
T88SM	FT4YM
T88AQ	FT8WW
T88RH	RI1ANU
T33BA	ZS7ANF
T33BB	RI1ANC
TN8K	RI30ANT
D44TWO	HR5/F2JD
6W/WA3DX	C5YK
TR8CR	
And others!	
<i>This information comes from DXNews.com and is gratefully acknowledged.</i>	



K3Y QSL card from January 2022

Operating Activities during the month of December:

For the Weekend Sprintathon (WES) Dec. 10 & 11. The following operators participated. QSO count is shown.

NE9EE	400
WA9BBN	146
AC9XS	145
KA9GKE	51
N9SE	51
W9GOO	30
W9SA	19
KR9U	10
K9FMX	7

For the Two Hour Straight Key Sprint (SKS) on Tuesday evening, Dec. 27, 7-9 PM local. The following operators participated. QSO count is shown.

KR9U	37
WA9BBN	20
AC9XS	16
K9FW	10
K9FMX	10
W9GOO	8
KA9GKE	4

The month long K3Y event is coming up January 2023. So far the following operators have signed up to operate as K3Y/9. Keep checking the K3Y Operator Schedule (list) during the month. Also, consider signing up for an hour or more as K3Y/9.

K3Y/9 Ops: N9SE, W9LW, AC9XS, NJ0U, W9TE, W9HT (from N8KR's shack during the Weekend Sprint)

73,

*Ed, WA9BBN*

## SKCC K3Y January Event

For the past 16 years, the Straight Key Century Club has designated January as their special celebration month. Members all over the world sign up to operate as a K3Y station. Last year there were more than 250 different K3Y stations and there were over 50,000 qso's made by those stations! This year's event begins at 0000utc on January 2nd. For us, here in Fort Wayne, it will begin Sunday (January 1) night at 7pm local time. Each K3Y station will have a portable designator such as K3Y/1, K3Y/9, K3Y/AS,

K3Y/EU etc depending on their call area. Local operators will operate as K3Y/9. The K3Y stations will give a true signal report, their location, name, home call, and SKCC number. If you make contact with a K3Y station, send a true signal report, your state, your name, and your SKCC number or "NONE" if you don't have a number. This is an all mechanical key event so keyers and computer generated cw are not allowed. Going on the SKCC webpage and looking at the special K3Y link on the left column with tell you who is operating along with keeping track of your contacts . . . yes, once you contact a K3Y station and he submits his log, that contact will appear on the K3Y log search and individual stats. This is always a fun event and, if you want to learn more and participate with fellow FWRC members . . .

## W9TE Special Event Station at N8KR QTH on Jan. 7th

So come on by from 7am -8pm Saturday, January 7. You can watch, listen, operate, visit with other members, ask questions, play with a variety of keys . . . if your cw is rusty, sit with a seasoned operator at a station and work together to make contacts. Food and drink and fellowship . . . all around our favorite hobby. Ken's shack is in a room in the back of the garage and is quite roomy. If you decide to come, there will be a special SKCC SIGN with a garage door opener attached. Push the button, the door will open and come on in! There's plenty of room!

# SKCC DECALS APPEAR ON FWRC CARS

New SKCC decals appear for the first time here in the Fort Wayne area. Leo, K4LFC, has been making a variety of decals and ham radio document frames for some time, now. He was contacted by Ken - N8KR to design and produce SKCC decals that could be put on a variety of surfaces - but especially on vehicles. 20 initial decals were made and given to the 20 SKCC "Senators" here in the Fort Wayne area. Since that time, Leo has been selling them to other SKCC members. These decals are personalized and should last for many years. If you would like to order a decal for your vehicle, visit <https://mailchi.mp/1286279c8187/straightkeycentrutyclub>



**LOOK FOR THE  
FOXHUNT  
CHRONICLES TO  
REAPPEAR IN THE  
NEXT FEW  
MONTHS.**

**JOIN THE FUN AT  
THE NEXT  
FOXHUNT!**



# FOR SALE

**INCLUDE YOUR ITEMS  
HERE IN NEXT MONTH'S  
EDITION OF HAMNEWS.**

See page 2 of this edition of HamNews for the editor's contact information.



FOR SALE: Yaesu FT-840 HF Transceiver. 10-160 meters including WARC bands. \$300

Works very well and will output 100 watts. Very good receiver.

Includes: Manual, MH1-B8 hand mic and original power cord. Might have the box, but not sure.

I installed a 500 hz CW filter and the TCXO-4 (Temperature Compensated Crystal Oscillator) for improved receive stability.

Only flaw is the wear on the VFO/M button. Button works as it should just a little worn (was that way when I got it 15+ years ago!).

Great starter rig for new ham or a reliable back up rig for any ham.

Contact me by email at beecad (at) aol.com

73's and thanks!

Bruce / N9DGL



FOR SALE: Kenwood TH-79a Dual Band Handheld Radio. 2 meter and 440mhz. \$100.00

Has the common zebra-stripping display problem but is very usable. There is a fix on YouTube but not something for me to tackle!

Includes:

TSU-8 CTCSS unit for repeater PL tones.

KSC-14 Rapid Charger

SMC-33 Speaker Mic

KLF-3 Filtered Cigarette Lighter Power Cord

BT-9 Battery Case (4X AA batteries)

2 - Tired BP-33xh Nickel Metal Hydride Battery Packs.

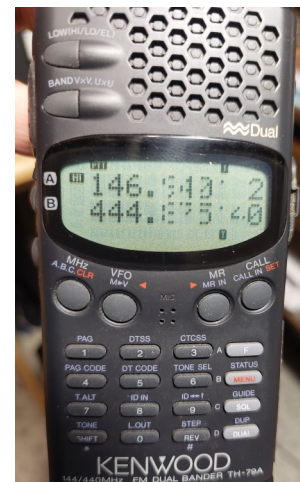
1 - Very Good Condition PB-33L Li-ion Battery with it's own charger

2 - Cases for different battery types.

Original Box and Manual

Contact me by email at beecad (at) aol.com.

73's Bruce N9DGL



# RADIO SPORT for January

2023

7-8  
JAN

SKCC Weekend  
Sprintathon

North American  
QSO Party, CW

14-15  
JAN

21-23  
JAN

ARRL January VHF  
Contest

CQ 160m  
Contest, CW

27-29  
JAN

This information comes from the WA7BNM Contest Calendar at [contestcalendar.com](http://contestcalendar.com) and is gratefully acknowledged. It is deemed accurate as of the time of publication.

Area Nets (updated as of 1/1/23)					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.912	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.910	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.760)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	--	--	--
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week-days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
9:00 AM	3.820	Little Red Barn Net	9:00 PM	146.940-	Help and Swap Net (141.3 PL)
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580	AM 6-Meter AM Net
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES(141.3 PL)

1. All times local time. **Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.**
2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.
3. Reflector REF024B.
4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.
5. Indiana HF Traffic Nets Web Site: <http://www.inarrl.org/index.php/public-service/indiana-nts>

Area Repeaters (updated as of 1/1/23)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
53.3300	-1 MHz	--	W9FEZ	442.6375	+5 MHz	MDR CC1	N9MTF
145.330	-0.6 MHz	--	W9FEZ	442.99375	+5 MHz	D-Star W9TE-B	W9TE
146.880	-0.6 MHz	--	W9INX	443.100	+5 MHz	DMR CC1	K9MMQ
147.255	+0.6 MHz	--	W9INX	443.275	+5 MHz	P25 NAC # 293	K9MMQ
146.760	-0.6 MHz	141.3	W9TE	444.250	+5 MHz	141.3	W9AVW
146.910	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.940	-0.6 MHz	141.3 FM /	W9TE	444.8750	+5 MHz	141.3	W9TE
224.780	-1.6 MHz	--	W9FEZ				

**FWRC Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_  
License Class: \_\_\_\_\_  
Street address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #:(\_\_\_\_\_) \_\_\_\_\_  
Email address: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

**Fort Wayne Radio Club dues:**

Regular membership \$25.00 / year  
Family membership<sup>1</sup> \$35.00 / year  
Student membership<sup>2</sup> \$5.00 / year  
Associate membership<sup>3</sup> \$20.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Fort Wayne Radio Club (check number \_\_\_\_\_) and bring to a club meeting or mail to:

Fort Wayne Radio Club  
P.O. Box 15127  
Fort Wayne, IN 46885-5127

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.

**ACARTS Membership Application**

Name: \_\_\_\_\_ Call Sign: \_\_\_\_\_  
License Class: \_\_\_\_\_  
Street address: \_\_\_\_\_ City: \_\_\_\_\_  
State: \_\_\_\_\_ ZIP: \_\_\_\_\_ Phone #:(\_\_\_\_\_) \_\_\_\_\_  
Email address: \_\_\_\_\_ ARRL Member? \_\_\_\_\_

(ARRL membership helps the club maintain ARRL affiliation)

May we list your name, call & email address in our membership roster & on our club web site?

**ACARTS dues:**

Regular membership \$12.00 / year  
Additional family members<sup>1</sup> \$6.00 / year  
Student membership<sup>2</sup> \$6.00 / year  
Associate membership<sup>3</sup> \$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:

Allen County Amateur Radio Technical Society (check number \_\_\_\_\_) and bring to a club meeting or mail to:

A.C.A.R.T.S.  
P.O. Box 10342  
Fort Wayne, IN

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.



# **ARRL** **FOUNDATION**

**Scholarships up to \$25,000 for amateur radio operators**

For application information, visit:  
**<http://www.arrl.org/scholarship-program>**

Applications are due by 1/4/23.



**HAPPY  
NEW YEAR!**