

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association Allen County Amateur Radio Technical Society

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Ramblings from the Editor

There is quite a bit of content in this month's HamNews, so I am not sure where to begin.

Skywarn News

There are three items for this category, including the recent activation during last month's winter storm. Participation in these nets is impressive! Also, check out information on the upcoming Skywarn training sessions and this month's tornado warning test.

Foxhunts

Please note that monthly foxhunts are back. Check out this month's column to learn about the fun!

Hamcation is baaack!

Several local hams attended Hamcation in Orlando, FL last month to escape the cold temperatures and to meet up with old friends. Check out N8KR's story and photos. If you want to have fun, I highly recommend this hamfest next year.

Strange FCC News

Last month the FCC issued a second advisory about the use of the amateur service (and several other services) for illegal purposes. You can read more about this at the ARRL site at: <https://bit.ly/3IDB37S>.

Wrapping up

Have a great month. Hopefully spring will be here soon.

73 & top o' the morning,

Josh, W9HT



W8WZ and W9HT at Hamcation 2022



Allen County HamNews

HamNews is a monthly 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.

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Special winter storm nets garner excellent participation

By Jay Farlow, W9LW,
Allen County Skywarn net manager

The National Weather Service (NWS) forecasted a significant winter storm

for Allen and surrounding counties February 2 and 3. The forecast included freezing rain, heavy snow, and high winds. The agency needed a continuous flow of information on the storm's impact as it occurred.

The Allen County Skywarn® net therefore conducted an operation unlike any in recent history. It activated for 21 brief, hourly sessions on the hour, from noon February 2 until 4 p.m. February 3 (excluding the overnight hours of midnight to 7 a.m.).

These net sessions garnered a total of at least 255 check-ins (including net control stations) from at least 53 unique stations!

The net received and relayed to the NWS at least 43 valuable reports of storm impacts, mostly snow depths.

The table below shows stations that checked in, the number of sessions they joined (without making reports), the number of sessions in which they made reports, the number of sessions in which they served as net control station (NCS) and the number of sessions in which they served as NWS liaison, relaying reports via the NWS' internal text chatroom. Note that the data is incomplete, because I did not receive by press time NCS reports on two sessions. I apologize to any station that participated but is therefore not listed below.

"The value of Skywarn Spotters was most evident during the Allen County Amateur Radio Emergency Services net sessions," said Michael Lewis, warning coordination meteorologist, NWS Northern Indiana. "By utilizing and integrating available communications tools, the net provided a prime example of the flexibility and agility of the amateur radio operators to support the NWS operations during adverse weather conditions."

I'm also grateful for all the stations who participated and especially those who served as net control stations and liaisons. All participants demonstrated the level of communication services ham radio operators can provide.

Station	Sessions checked in (w/o report)	Sessions made reports	Sessions as NCS	Sessions as NWS liaison
AC9XS	12	2	0	0
K3DCK	7	1	0	0
K9SKS	7	1	0	0
KA9IPA	3	2	0	0
KA9ODT	0	2	0	0
KB9DPF	1	0	0	0
KB9EWN	1	0	0	0
KB9LOF	1	0	0	0
KB9OS	6	0	0	0
KB9TTT	0	1	0	0
KB9WWM	5	0	2	9
KB9YTT	8	0	0	0
KC9MNZ	0	2	0	0
KC9ODK	3	0	0	0
KC9PVE	1	1	0	0
KC9RAC	10	0	0	0
KC9SJP	2	0	0	0
KD9AVB	3	0	0	0
KD9INP	1	0	0	0
KD9ISV	6	0	5	0
KD9JLL	5	0	0	0
KD9KMK	3	8	0	0
KD9LFW	4	0	0	0
KD9MGZ	2	1	0	0
KD9NIV	15	0	0	0
KD9NRT	3	0	0	0
KD9NYY	3	1	0	0
KD9NYZ	6	0	4	0
KD9ODM	1	0	0	0
KD9OOA	1	1	0	0
KD9QFR	3	12	0	0
KD9QHI	7	1	0	0
KD9QZC	10	1	0	0
KD9TST	5	1	0	0
KD9TTL	2	0	0	0
KD9VV	5	0	0	0
KM6TWI	1	0	0	0
N9PDX	1	0	0	0
N9RAG	13	0	0	0
N9REC	2	0	0	0
N9RNV	1	1	0	0
NQ9O	1	0	0	0
W8FY	1	0	0	0
W8WDM	4	0	0	0
W9BGJ	2	0	0	0
W9GGA	8	0	6	0
W9HT	4	0	0	0
W9LW	3	1	3	7
W9NNH	2	0	0	0
W9SAN	7	1	0	0
WA9BBN	2	0	0	0
WB9NOO	2	0	0	0
WB9UDW	6	2	0	0



Net planned during tornado warning test March 15

Governor Eric Holcomb has declared March 13-19 Indiana Severe Weather Awareness Week. As usual, the NWS will conduct a statewide tornado warning test during the week. The agency scheduled this year's test for between 10 a.m. and 10:30 a.m. Tuesday, March 15.

The Allen County Skywarn net will participate in the test by activating directed net mode when the NWS issues the test warning. I encourage all available spotters to test their readiness by practicing the transmission of simulated severe weather reports during the net. I also encourage all potential participants to review our directed net check-in and reporting procedures before March 15 by downloading the Net Operations Manual at <https://tinyurl.com/3mvmxy5a>.





THE NORTHERN INDIANA NWS OFFICE ANNOUNCED THAT ALL SKYWARN STORM SPOTTER TRAINING THIS SPRING WILL BE CONDUCTED VIA ONLINE WEBINAR. THE OFFICE PLANS FOUR, TWO-HOUR SESSIONS, LISTED BELOW.

- TUESDAY, MARCH 8, 6 P.M. ET
- SATURDAY, MARCH 12, 10 A.M. ET
- THURSDAY, MARCH 17, 1 P.M. ET
- THURSDAY, MARCH 24, 6 P.M. ET

ANYONE IN ANY COUNTY MAY ATTEND ANY SESSION, BUT ADVANCE REGISTRATION IS REQUIRED. ALL FOUR SESSIONS CONTAIN THE SAME CONTENT, SO SPOTTERS NEED ATTEND ONLY ONE SESSION. TO OBTAIN MORE DETAILS AND TO REGISTER, VISIT THIS WEB PAGE: [HTTPS://WWW.WEATHER.GOV/IWX/SPOTTER_EVENT_LIST](https://www.weather.gov/iwx/spotter_event_list).

EVERY YEAR, THE OFFICE MAKES CHANGES TO THE PRESENTATION. DESPITE DECADES OF EXPERIENCE AS A TRAINED STORM SPOTTER, I THEREFORE ATTEND THIS TRAINING ANNUALLY AND RECOMMEND THE SAME FOR ALL STORM SPOTTERS.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN



FROM THE FWRC PRESIDENT: CAROLE'S CORNER



Hello everyone. I hope everyone is surviving. Before you know it spring will arrive, and then baseball!

Last month's club meeting was very interesting and very informative, thanks to Carl, K9LA telling us about the in's and outs of the ARRL. We had the largest turnout so far since we returned to the church. I hope we do even better this month.

For the March program Jack Shutt, K9GT, will be providing a show & tell about the new tower system that he recently installed at his QTH. It should be very interesting.

We are making plans for Field Day and our simultaneous Spring Banquet at the Old Fort. Last year's event was very successful; I am hoping for the same or better this year.

We are also considering operating another Special Event Station at a Tin Caps game. Last year's outing was a great success. We can always utilize volunteers at these events, and as a bonus to you if you decide to volunteer, you get to operate AND get to see a ballgame for free. Might even buy you a beer and a hot dog.

73 & 88,

Carole, WB9RUS

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FWRC Activities for 2022

Foxhunts	Board Meetings	Club Meetings
3/6/2022	3/8/2022	3/18/2022
4/3/2022	3/29/2022	4/8/2022
5/1/2022	5/3/2022	5/13/2022
6/12/2022	6/7/2022	6/17/2022
7/10/2022	7/5/2022	7/15/2022
8/7/2022	8/9/2022	8/19/2022
9/18/2022	9/6/2022	9/16/2022
10/2/2022	10/11/2022	10/21/2022
11/6/2022	11/8/2022	11/18/2022
--	11/29/2022	12/9/2022

FORT WAYNE RADIO CLUB MEETING MINUTES

18 February 2022

The February meeting of the Ft. Wayne Radio Club was held at the Good Shepherd United Methodist Church on 18 February 2022.



Club President Carole Burke, WB9RUS welcomed the attendees (about 21). She led everyone in the pledge of allegiance as is our usual practice. Then all present introduced themselves by their name and call-sign.

Treasurer Bob Streeter, W8ST provided data regarding the current club Treasury statistics as of 18 February 2021, to wit:

Savings-	\$1,843.12
Checking-	\$7,030.86
Vanguard Money Market	\$11,326.51
Year-To-Date Income	\$1065.00
Year-To-Date Expenses	\$1,355.47
Club members count	136

Carole noted that Jack Shutt, W9GT will present a program at the March meeting describing the new tower system he recently installed at his QTH (it is reported to be quite a piece of work involving some serious metal bending). The presentation at the April meeting will address the upcoming Indiana QSP party which occurs on the weekend of 7-8 May. The FWRC has been the winner of this contest the past couple of years and we want to win again in 2022. Also in the works are programs by Carl Luetzelschwab, K9LA, on strategies to control the effects of Electromagnetic Interference (EMI). Also a program by Jim Pliett, K9OMA regarding the fold-over tower he installed at his QTH and, and in a separate program, what he learned in designing and

building both a windmill and solar cell off-grid power system, program. Then, (probably in June) a presentation by Ron Gregory, W9RGM about his experiences as a disk jockey at WOWO during the 60's, 70's and 80's. (Former WOWO personalities Chris Roberts and Art Saltzberg will also be present

and contribute to Ron's presentation). And Al Burke, WB9SSE is attempting to recruit a person from Ft. Wayne City Utilities to describe the Ft. Wayne Deep Rock Tunnel project which is employing the "MaMaJo" Tunnel Boring Machine to create a tunnel beneath the city to minimize raw sewerage runoff into our local rivers.

Carole announced that the Spring Banquet will occur at the Old Fort during Field Day weekend, specifically on Saturday evening, June 25th. The club will provide hamburgers and hot dogs plus buns, condiments, water and punch, cutlery and dinnerware as usual, but the bulk of the yummys will consist of what attendees bring as carry-In's. (Think deviled eggs and/or meatballs). Carole may be induced to prepare a batch of Sauer-Kraut, (much to Al's consternation as it stinks up our

kitchen, but then again, it does clear up the nasal passages).

Carole noted that we plan to conduct the Tail Gate Hamfest on 19 August at the #3 parking lot at Purdue-Ft. Wayne. This is a convenient venue, out of the weather, out of the sun, and no bees! Note that we may also feature the Club Auction (previously held in January) during the Tailgate Hamfest, or perhaps at an alternate date in August, but also utilizing Parking Lot #3.

The Board of Directors is discussing implementing another FWRC Special Events station event at Parkview Field during a Tin Caps game as we did last year. We would plan on it occurring during a Sunday game. We are thinking of featuring a give-away prize to a ham in attendance at the game, similar to the items we raffled off during the "renew your dues" promotion conducted during the Fort Wayne Hamfest last November.

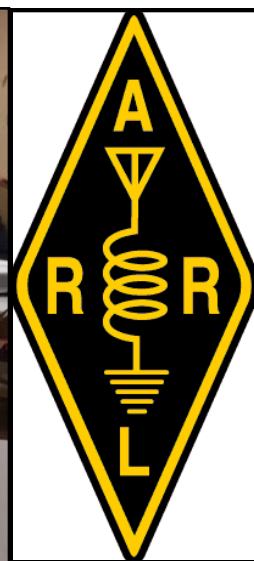
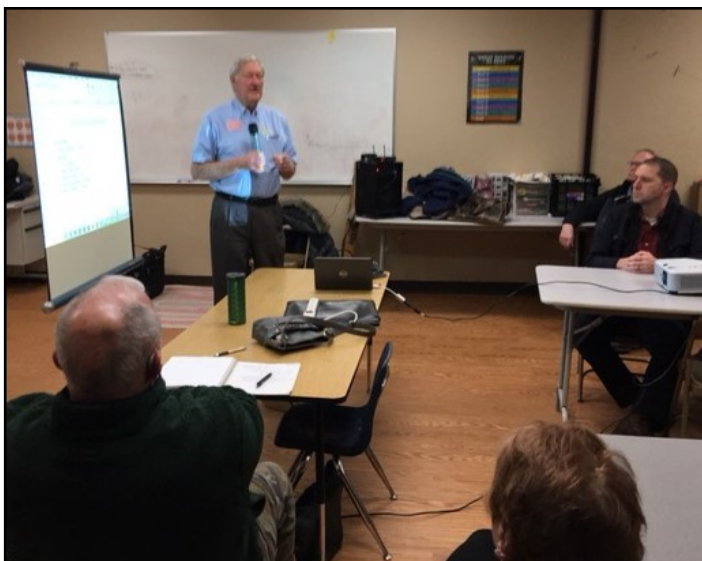
Following the business meeting Carl Luetzelschwab gave a presentation on the history, organization and inner workings of the ARRL from an insider's point of view. (Carl is the ARRL Central Division Director, responsible for ARRL activities in Illinois, Indiana and Wisconsin).

The meeting adjourned about 8:30 pm.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, Fort Wayne Radio Club



State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

Allen County Amateur Radio Technical Society



Hello everyone!

Our last board meeting on February 8th, 2022, we talked about general club activities. We still have the Secretary position open on the ACARTS board. If anyone is interested in being a part of our board, please email me at w9tsb (at) outlook.com.

Our last general meeting was on the 15th of February 2022, we had a small group that attended. Josh W9HT was our guest presenter on Morse code. Josh shared his story about his journey into Morse code and taught us a few letters. Not only did he encouraged me to start my code practice again, but others were also encouraged too.

Remember to mark April 9th, 2022, on your calendar for the VHF/UHF Simplex contest. For details, visit www.acarts.com website.

Thank you all!

73,

Chris McCullough, W9TSB

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Repair Work – Revisited 17 Months Later

By Carl Luetzelschwab, K9LA

The October 2020 column commented on my Command Technologies amplifier (the Commander HF-1250 model) going snap, crackle, pop. In that column I showed a picture with the top cover off, and nothing unusual was seen as to what caused the problem. I suspected that the problem was on the underside of the RF deck. I noted that getting to the underside of the RF deck was going to be a problem – lots of disassembly would be required.

Thus to get me through this, I re-tubed my old Dentron GLA-1000B amplifier. It initially worked, but it then went snap, crackle, pop, too. I think its problem was the fact that when I bought four 6LQ6 tubes, they came from different manufacturers and were un-matched. Now I had two broken amps.

I then contacted Mike, WB9NOO. He bought my Ameritron AL-811H (four 811 tubes) that was on our DXpedition to YK9A in February 2001. I asked if he was using it on a regular basis – he wasn't, so I bought it back from him. It's been in use at my QTH ever since. But I still needed to fix the Commander (and now the GLA-1000B, too).

Further research on the internet and discussion on the Amps@contesting.com reflector about the Commander revealed that the RF deck could be removed as a whole unit to get to the underside if the front-panel knobs were removed, the center wall was unscrewed from the main bottom chassis and the rear panel was folded down. That was a successful endeavor,



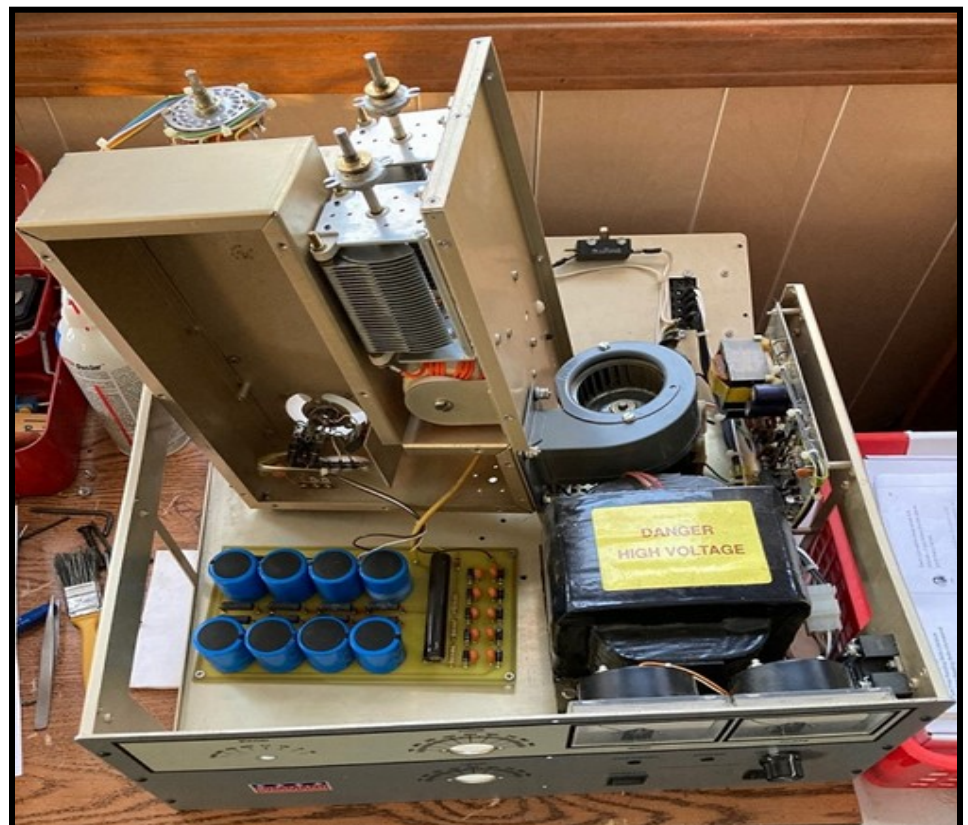
or, and the accompanying picture shows the Commander with the RF deck standing on end with the filter board removed from its mounting stand-offs. Nothing unusual was seen in the underside of the RF deck nor on the filter board. I did do a good cleaning – a good amount of dust was there (and what looks like cat hair, too).

Since I had gone that far, I decided to recap the filter board even though the big electrolytic capacitors looked okay – they were almost thirty years old. These capacitors were easy to

find (from Digi-Key) and relatively inexpensive, and I should have them by the end of February. I also plan to replace the 10K ohm carbon composition resistor in the plate voltage meter circuit that is on the filter board. The rectifier diodes, the metal film resistors and the big power resistor on the filter board all look okay and measure okay.

When I install the new capacitors and the 10K ohm resistor, I'll start re-assembling the Commander. I hope I remember how to do this! If I don't end up with extra screws, washers and nuts left over, I guess I did it correctly!

Lastly, due to the cost of matched 6LQ6s for the GLA-1000B (I'm not even sure I can get four matched 6LQ6s), I'm thinking of converting the GLA-1000B to other more readily-available and less-expensive tubes (or a single bigger tube).



Tuning Up

Crystal Radio Project: Part 2

Last month, we began a multi-part series in designing and building a crystal radio set from scratch. This month's article continues that series, with some initial block and schematic diagrams, as well as a look at materials and antennas.

Diagram fun

This project is meant to be both educational as well as fun. To help with the educational portion, this project is going to start with a few diagrams that help

illustrate what is going on in this particular design.

Figure 1 is an initial block diagram of this crystal radio. For those who may not know, block diagrams are simple diagrams that group different functions and/or circuits of a device into individual "blocks." These "blocks" each consist of usually more than one circuit. Those additional circuits can be included in more detailed block diagrams. However, since the crystal radio is such a simple receiver, there's really no need to do more than one or two block diagrams.

Notice in the block diagram how we have three main "blocks" — the coil, the detector, and the speaker. It is the author's intention to eventually equip his crystal radio with a speaker (which will entail some sort of amplification), so if the reader does not

desire to add a speaker, this block can be eliminated. The "coil" block is connected both to an antenna and to some type of ground. The detector is simply a germanium diode, and can be thought of as the "magic" portion of the radio that converts the rf signal into something that can be heard via headphones (an audio signal). The arrows between the blocks demonstrate the signal flow from the antenna all the way to the speakers/headphones. This is only the first version of the block diagram, and as your author receives feedback, a second and possibly third version of the block diagram will be drawn up.

Next in the design process is a schematic diagram. The schematic diagram (figure 2) will break down the block diagram into the component circuits to be used in the build. This

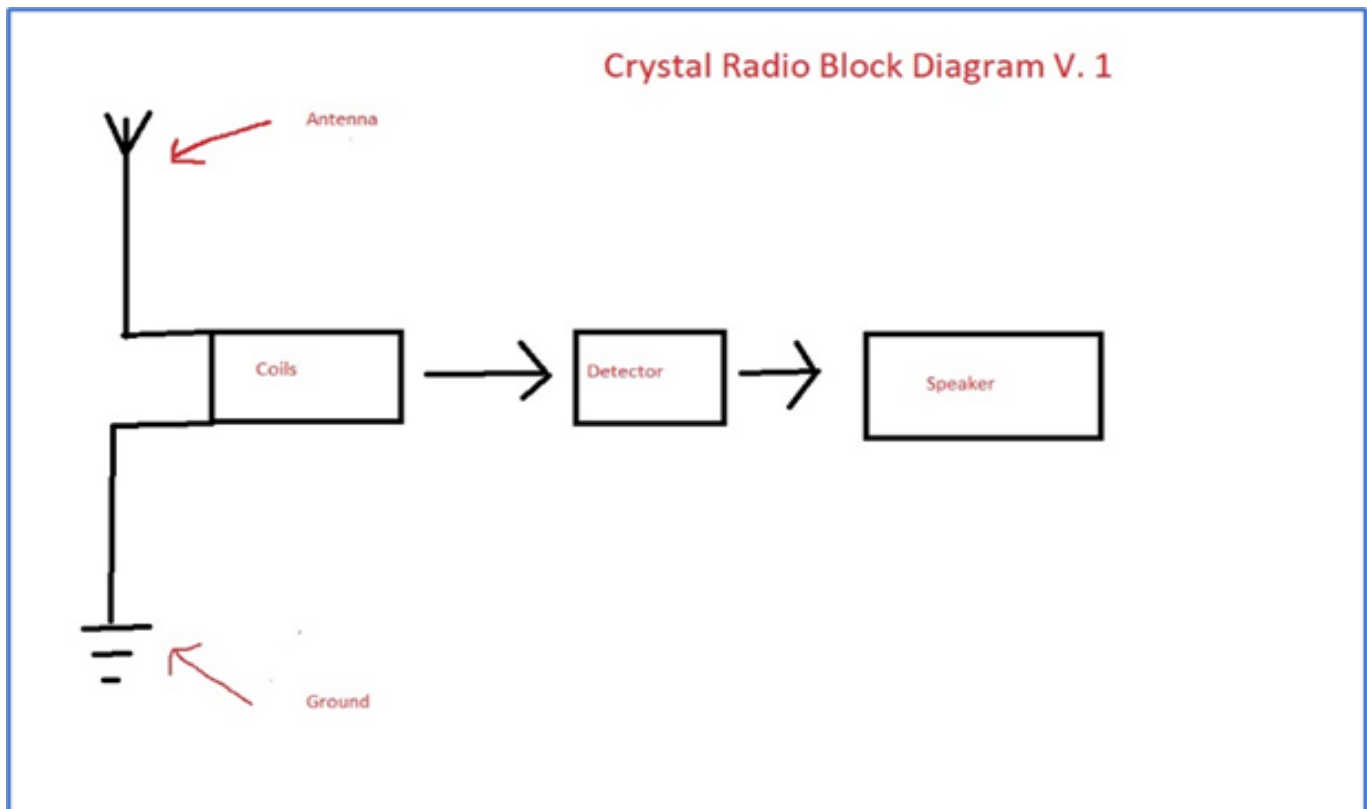


Figure 1

particular diagram is from the website “electronics-notes.com” and can be found at the following web address: <https://www.electronics-notes.com/articles/history/radio-receivers/crystal-radio-set-circuits.php>.

Starting with the antenna in the top-left, one can see that the received signal will come through the antenna into the primary coil. The primary coil is connected to ground, and inductively coupled to the secondary coil (with the inductive coupling signified by the curved arrow drawn through both coils). The secondary coil, in turn, is connected to a variable or tuning capacitor. One can also see that the detector (diode) is connected to the secondary coil. What is not immediately obvious is that the secondary coil has several taps allowing the detector to be connected to any one of several points on the secondary coil. This effectively shorts out more or less turns of the secondary coil, providing overall better reception depending on the frequency of the station.

Design Notes

It should be noted that these two diagrams are really just an electronic

“recipe” for the final product – some assembly is required! For example, what kind of wire should one use to wind the coils? What variable capacitor is optimal for shortwave reception? Really, such choices are limited only to one’s budget and imagination. Your author’s radio will use #14 enameled wire, due to it being in the author’s junk box. For the detector, sources online recommend using some type of germanium diode, particularly the 1N34A. In the author’s case, the detector will consist of a germanium diode reused from a previous crystal radio set.

Probably the biggest design concern is the variable capacitor. Some designs recommend a large variable capacitor (like those used in older shortwave

receivers) for the tuning capacitor. However, what effect is there if a smaller capacitor with less capacitance is used? This is unknown to the author and some experimentation will be necessary to determine any scientific conclusions for this particular design of crystal radio.

Conclusion

Hopefully, the above block and schematic diagrams and design notes give the reader some ideas as to what’s “under the hood” for a crystal radio. This project is a work in progress, so stay tuned for part 3 in next month’s column!

73 de Jim, AC9EZ

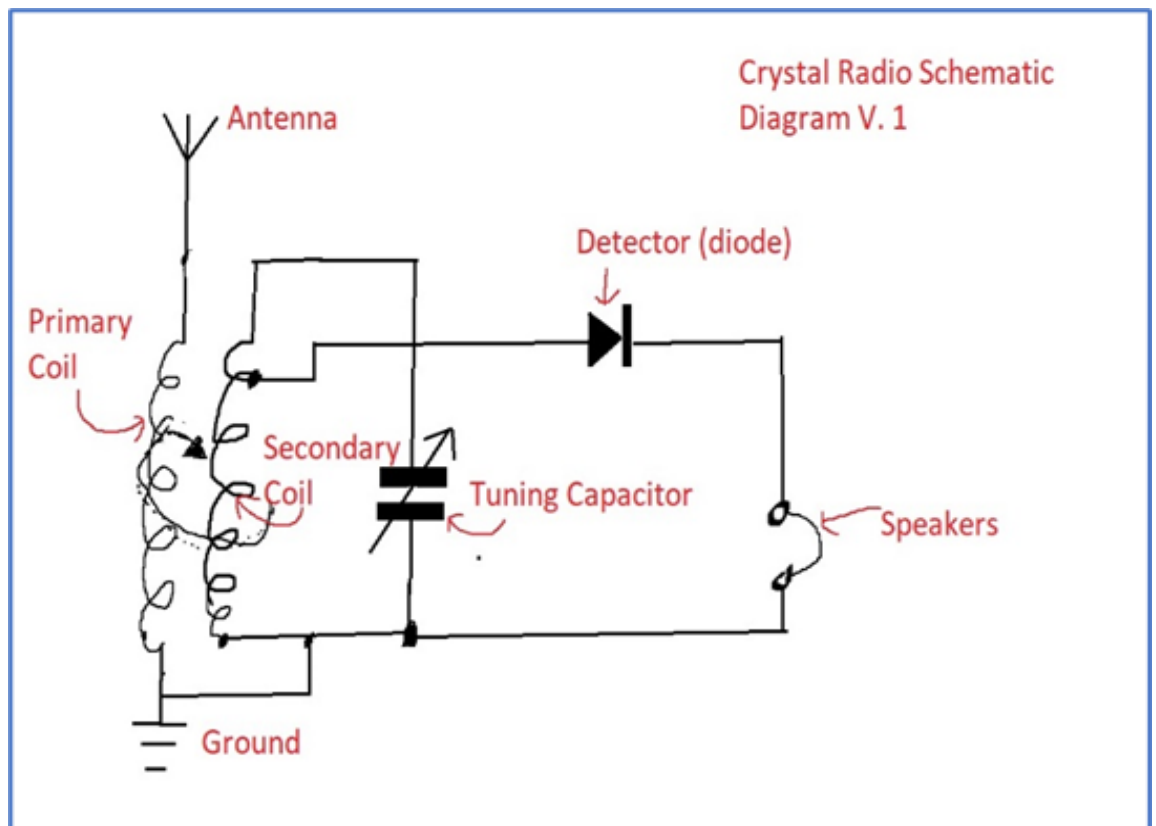


Figure 2

FWRC CRYSTAL RADIO DESIGN CONTEST

The Crystal Radio Design competition is a fun competition designed to encourage both hams and non-hams alike to design and build their own crystal radios. Crystal radios can be as simple as a coil of wire, diode, and earpiece to as complex as the professional designs of the early 1900s. For this competition, the rules are simple.

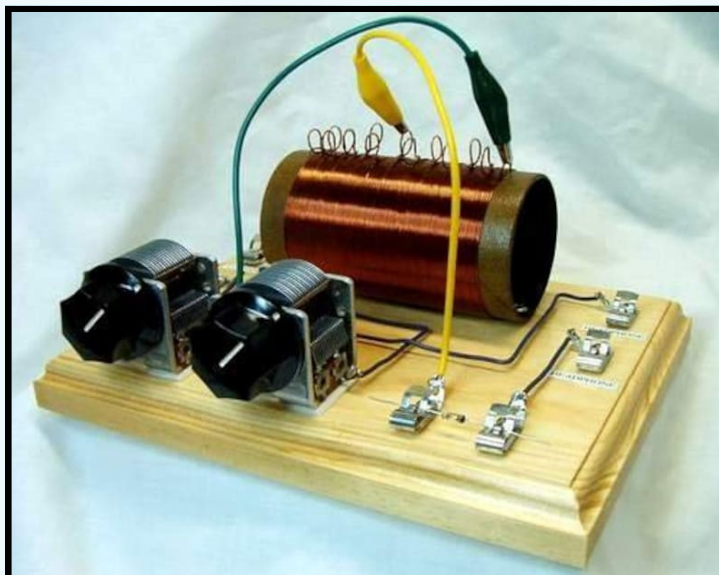
- Entrants are to design and build their own crystal radio, using whatever design they prefer. Stations may receive design help and advice from friends. Just don't have someone else build your radio for you and claim it as your own work!
- All crystal radio designs must be unpowered, just as the name implies. Crystal radios may include any kind of modification desired, including but not limited to external amplified speakers, BFO's, etc.
- All entrants are asked to send a picture of their completed radio to Jim, AC9EZ, at dfile13 (at) hotmail.com for

inclusion in a final article to be published in the Fort Wayne HamNews.

- Entrants will, on a specified date, use their crystal radios and any antenna of their choice to try to receive as many short-wave AM stations as possible (such as Radio China, the BBC, etc.) Entrants will record the date, time, and callsign/name of any stations received.
- The entrant with the greatest number of short-wave stations received will receive a certificate and bragging rights.
- The entrant with the furthest-distant station received will receive a certificate and bragging rights.

For an entrant's log to count, the entrant can only count received stations on the specified date of the contest. The date of the contest is March 26, 2022, from 9:00 a.m. to 10:00 a.m., and from 8:00 p.m. to 9:00 p.m.

Questions? Comments? Contact Jim, AC9EZ, at the address listed above. 73 and good luck!



Note from the Editor

It has been a very long time since I have used a crystal radio for a receiver. I used to have an electronics kit as a kid that included parts for a crystal radio, including the vintage earpiece that Jim describes in his article.

While a crystal radio might be a fairly easy thing to build if you have the parts, some of us might not have those parts in our radio stash. So, what are the options if you do not have a crystal radio or the parts right now?

- Esty.com has number of crystal radio kits and assembled radios. Prices vary from about \$20 to about \$165.
- MidnightScience.com has an oatmeal box crystal set kit for between \$15-20.

There are probably other options on the market, but those are a few of the ones that I found in my search.

73 de W9HT



FEBRUARY 2022

The weather on Sunday, February 6th, 2022, the first foxhunt of 2022 was cold, in the upper 20's with bright sun and a little wind. Remnants of the near blizzard that blew through Ft. Wayne during the previous week resulted in piles of bulldozed snow everywhere. But the streets were clear and for the most part navigable.

The hunters for this contest consisted of three teams. Team #1 was Charles Ward, WC9MUT. Team #2 included Steve and Linda Nardin, W9's SAN & LAN plus grandson Alex. And team #3 included newly minted hams Brett, Christine and younger son Luke Gilsinger, KD9's TST, TTK and TTL who were new to the hobby and the foxhunting game. (Also included was older son Ian, not yet a ham, but we've started working on him).

Carole and Al Burke, WB9's RUS & SSE served as the fox. They hid out in the parking lot of the Study Elementary school located on Brooklyn Ave. between Hale and Carlton Ave in South-West Central Ft. Wayne (@41.064156, -85.1836928). The high power fox included a 25 watt transmitter driving a four-element Yagi up about six feet and pointed to the east-north-east. The microfox consisted of a 200 mw transmitter which was placed inside a Kleenex box located in the backseat of Al and Carole's SUV.

The high power fox was heard at the foxhunt starting point at Cobin Memorial Park on its first transmission, and the hunters were off and running.

We understand that the Nardin and the Gilsinger teams experienced some multi-path issues in the downtown area which caused them to wander around a bit. Charles on the other hand avoided the downtown area, and in any event

seemed to be less affected by multi-path by virtue of using the mast mounted Yagi he would elevate from the bed of his pickup truck to about 20 feet. It produced quite accurate DF bearings from the data he showed me. That, plus the fact that Charles is a bus driver and is thus aware of every school in existence in Allen County, and how to get to it let him localize the fox about 30 minutes into the hunt. (He knows that foxes often hid out in school yards because they are publically accessible). Shortly after arriving on site he located the microfox in the back seat of our vehicle, although he had to do quite a bit of close-in RF sniffing to get that done.

About one hour into the hunt the Gilding-er team arrived on site followed a bit later by the Nardin team. They subsequently tracked down the microfox after a bit of tramping through the snow drifts formed by the snow plows that cleared the Study school parking lot. They wound up searching around and under our SUV to such an extent that for a while I thought they were going to remove the wheels and dismantle the entire vehicle.

As it turned out, placing the microfox in the back seat of our vehicle was a pretty sneaky and effective strategy, hee hee.

Following the foxhunt Charles and the Gilsinger's, plus Carole and I buzzed over to Culver's of West Jefferson near Covington Rd. and had a late lunch (or early dinner) which was yummy (a technical term often used by hams to describe the post-foxhunt culinary experi-



ence).

The scoring matrix for this first hunt of the year is as follows:

FOX-HUNTER	FEB.	YTD SCORE
WB9RUS	1	1
WB9SSE	1	1
KA9YYI	0	0
K9OMA	0	0
KC9MUT	4	4
W9SAN	1	1
W9LAN	1	1
ALEX	1	1
WD9TST	2	2
WD9TTK	2	2
WD9TTL	2	2
IAN	2	2

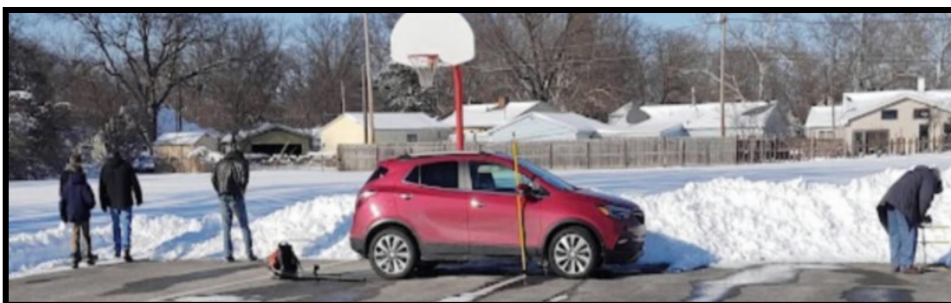
Given that Charles was the first hunter to locate the micro-fox he will serve as the fox for the March hunt which will occur at 1:30 pm on Sunday, March 6th. Put a note on your calendar to come and join in on the fun.

You don't have to have a PhD. in Physics or Engineering to get into, (and excel) at this aspect of our hobby. It provides the opportunity for you to learn several practical aspects of rf theory, and it provides an excellent opportunity to develop expertise at the art of radio direction finding which can be useful in hunting down lost or stolen rf equipment, locating malfunctioning rf equipment which are causing interference, help in locating downed aircraft by virtue of tracing ELT (Emergency Location Transmitter) signals, and so forth. All of these are important Public Service aspects of our hobby.

It is often efficient for a foxhunter newbie to do a ride-along with an experienced foxhunter to observe just what goes on in the direction finding process when using a vehicle to localize the fox, and then observe the techniques of locating the fox on foot once it is localized. There is usually space (in the back seat) of fox-hunt vehicles to accommodate ride-alongs. Just ask.

Respectfully submitted,

Al Burke, WB9SSE



Hamcation 2022: It's Baaaaack!

No doubt, the best time and place to have a hamfest is February in Florida! This year was no exception as the temperatures hovered near 80 degrees and the sun stood alone in the beautiful blue sky! I believe Hamcation is the second largest hamfest in North America and spans 2 and a half days.

With a few exceptions, all of the major manufacturers of amateur radio equipment was there and it was also the 2022 ARRL National Convention. Most of the Division

Directors accompanied the main ARRL staff to *man* the ARRL booth. Our own Carl – K9LA Central Division Director was there with a special welcome to the Illinois/Wisconsin/Indiana *snow-birds*! With two large buildings for the exhibitors, one for indoor flea market, and the huge outdoor flea market, there was plenty to see and do. I

had the opportunity to represent SKCC along with Rich- W4RQ at the SKCC booth. We had close to 100 members stop in and even signed up a few newbies! Our booth was in the main hall and resembled our booth at Fort Wayne.

Along with Carl – K9LA, Josh – W9HT and John – K9UWA were present with John selling antique radios and Josh shopping for bargains . . . with success! The highlight for me was operating the W1AW station during a portion of the Weekend Sprintathon for SKCC. The Icom 7610 and trib-ander made the contacts easy and enjoyable. I was joined by Jack Gerbs – WB8SCT for a portion of my W1AW stint. Jack is the chairman of the Dayton Hamvention. I had a great time and leave you with a few pictures of the event!

73 de Ken, N8KR



MARCH 2022

ALLEN COUNTY HAMNEWS



**FOR
SALE**

YAESU



DUAL BAND HT KIT

For Sale: Yaesu FT-60R dual-band handheld transceiver with accessories:

- 2 aftermarket 1800 mAH Ni-MH battery packs
- 1 Yaesu NC-88B “wall wart” battery charger
- 1 Yaesu E-DC-5B “cigarette lighter” adapter with noise filter
- 1 MFJ-295 speaker microphone with headphone jack
- 1 aftermarket vinyl case.

All equipment was working fine when removed from service. Battery packs are both more than five years old, so their life is not guaranteed. This equipment belonged to W9LW's wife, N9XKU, who recently replaced it with a DMR/FM handheld.

Similar packages recently sold on eBay for \$150. I'm asking only \$110. Email W9LW at [arsw9lw \(at\) gmail.com](mailto:arsw9lw@gmail.com).



- Working Heathkit DX-20. It comes with a cabinet and even has the original XTAL cover and meter. Not a pretty face plate, but very clean chassis. Tested on 40 / 80 only. \$30.
- MFJ Versa Tuner. Works okay, but the roller inductor knob feels bumpy when turning. This is a QRO tuner for you big guns - It does have a low power setting/button. I run barefoot with a smaller tuner so this one needs a new home. \$100

CONTACT BRIAN, W0NW AT
RADIOW0NW (AT) GMAIL.COM

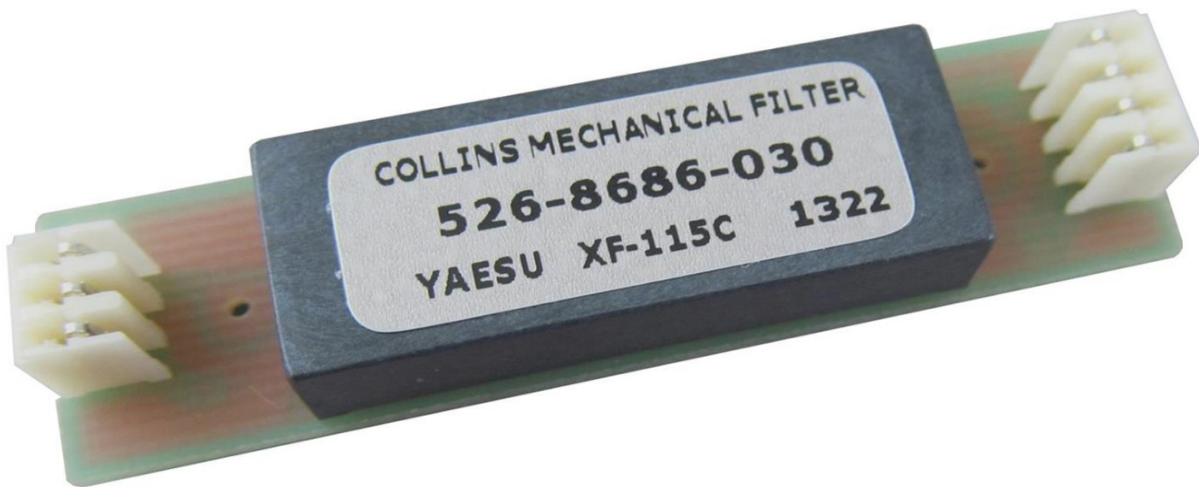
FOR SALE

Yaesu FT-991 HF/VHF/UHF radio and
matching Yaesu SP-10 speaker



Very nice cosmetic and operating condition, no issues. Includes original boxes, hand microphone, power cord, manual, and after-market side rails for radio. \$750 for everything. Contact the editor at w9ht (at) gmail.com.

WANTED



CW FILTER

A BUDDY OF MINE IS LOOKING TO PURCHASE EITHER THE YF-122C OR YF-122CN (500 HZ. OR 300 HZ.) CW FILTERS FOR HIS YAESU FT-857D. IF ANYONE HAS SUCH A FILTER OR KNOWS WHERE ONE CAN BE PURCHASED, PLEASE EITHER CONTACT JOHN, K0HD, AT K0HD (AT) POBOX.COM OR, IF YOU HEAR ME ON THE AIR, GIVE ME A CALL. THANKS! JIM AC9EZ

Selected Contests **and Operating Events** **March 2022**

Key:		Date Event Dates/Times
5-6	19-20	
ARRL International DX Contest, SSB, 0000Z, Mar 5 to 2400Z, Mar 6	Russian DX Contest, 1200Z, Mar 19 to 1200Z, Mar 20	
12-13	19-20	
SKCC Weekend Sprintathon, 1200Z, Mar 12 to 2400Z, Mar 13	Virginia QSO Party, 1400Z, Mar 19 to 0400Z, Mar 20 and 1200Z-2400Z, Mar 20	
12-13	23	
Oklahoma QSO Party, 1500Z, Mar 12 to 0200Z, Mar 13 and 1500Z -2100Z, Mar 13	SKCC Sprint, 0000Z-0200Z, Mar 23	
12-13	26-27	
Idaho QSO Party, 1900Z, Mar 12 to 1900Z, Mar 13	CQ WW WPX Contest, SSB, 0000Z, Mar 26 to 2359Z, Mar 27	

This information comes from the WA7BNM Contest Calendar at contestcalendar.com and is gratefully acknowledged. It is deemed accurate as of the time of publication.

RadioSport

Area Nets					
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	3.940	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.940	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	7:00 PM	146.760-	FWRC YL 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	1.965 & 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.inarri.org/index.php/public-service/indiana-nts					

Fort Wayne area repeaters (updated as of 3/1/22)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
145.330	-0.6 MHz	--	W9FEZ	443.100	+5 MHz	DMR	K9MMQ
146.880	-0.6 MHz	--	W9INX	443.275	+5 MHz	P25	K9MMQ
147.255	+0.6 MHz	--	W9INX	442.6375	+5 MHz	--	N9MTF
146.760	-0.6 MHz	141.3	W9TE	444.800	+5 MHz	--	W9FEZ
146.910	-0.6 MHz	--	W9TE	442.99375	+5 MHz	D-Star	W9TE
146.940	-0.6 MHz	141.3 FM C4FM	W9TE	444.250	+5 MHz	141.3	W9AVW
224.780	-1.6 MHz	--	W9FEZ	444.8750	+5 MHz	141.3	W9TE
				53.3300	-1 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 ¹	\$35.00 / year
Student membership ²	\$5.00 / year
Associate membership ³	\$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

Please list all names and calls on an attached sheet.
 K-12 or full time student.
 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 ¹	\$6.00 / year
Student membership ²	\$6.00 / year
Associate membership ³	\$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

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