

# Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

May 2021

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# DAYTON 2022 OR BUST!



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# From the Editor

Earlier this evening I was listening on 20m and heard 4X6HX (in Israel!) calling CQ. While I didn't have enough time to make a contact, this might be a sign of improved HF propagation to come.

As you can probably notice from the cover graphic, I am looking forward to the Dayton Hamvention next year. This is always a fun event and is the unofficial start of summer for me.

This edition of HamNews is setting a new record for length. Be sure to check out the 5 pages of classifieds later in the newsletter.

I hope to work many of you in the Indiana QSO Party on May 1st. More information can be found in this and last month's edition of the HamNews.

73,

*Josh, W9HT*

P.S. Thanks for reading HamNews! Consider writing an article for next month. See the information in the right column for more information.



## 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 each of the three clubs. New submissions for HamNews are always welcome. Please submit your information to the editor within two days of the end of the month for inclusion in the next edition.**

**For any questions, please contact the newsletter editor.**

HamNews Editor  
Josh Long, W9HT  
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## Why don't I hear more on DMR?

By Jay Farlow, W9LW

Fort Wayne has two repeaters that operate in digital mobile radio (DMR) mode. Each can carry two, simultaneous QSOs (one on each time slot) and each links to numerous, networked, virtual channels, known as “talkgroups.” But often, users monitoring the repeaters hear nothing for long periods and wonder why.



The “problem” is often a lack of understanding of how talkgroups are configured on each repeater, especially whether those talkgroups are set by the repeater owner as *static* or *dynamic*.

A static talkgroup is always on. The repeater will automatically transmit any traffic on the talkgroup, no matter where in the world that traffic originates.

A dynamic talkgroup functions *on demand*. Even if there's network traffic on such a talkgroup, a repeater will not transmit that traffic unless a *local repeater user* activates the talkgroup on that repeater. Users do this by simply transmitting on the talkgroup. They typically “kerchunk” the talkgroup, in other words, depress their push-to-talk (PTT) buttons just long enough to bring up the repeater, to avoid interrupting any QSOs already in progress on the network (which they would not previously hear). For this reason, dynamic, on-demand talkgroups are often called “PTT” or “PTT-activated” talkgroups. Dynamic talkgroups have timers. Typically, they automatically deactivate 15 minutes after the most recent,

local transmission, even if network traffic is present on the talkgroup.

On the N9MTF repeater in Fort Wayne (located on Parkview Randallia Hospital and transmitting on 442.6375 MHz), only four talkgroups are static at the time of this writing:

N9MTF time slot 1 static talkgroups

“Indiana Weather Operations” (talkgroup number 31183)

“Region 5 AuxComm” (31673)

N9MTF time slot 2 static talkgroups

“Indiana statewide” (3118)

“Local cluster” (2)

On time slot 1, “Local” (2) is technically dynamic, but because it is not networked, it behaves like a static talkgroup. Unless a local user has activated a dynamic talkgroup, the talkgroups above are the only ones you'll hear on the N9MTF repeater.

Because the N9MTF repeater is connected to the Brandmeister DMR network, every one of [the network's 1,500 talkgroups](#) is available on demand as a dynamic talkgroup on either time slot. Some, like “North America” (93) and “Worldwide” (91) are quite busy, but the N9MTF repeater transmits that traffic only when a local user activates those talkgroups.

On the K9MMQ repeater in Fort Wayne (located on the former TV-33 tower on West State Blvd. and transmitting on 443.100 MHz), more talkgroups are static but fewer dynamic talkgroups are available. The following talkgroups are static:

K9MMQ time slot 1 static talkgroups

“Comm-1” (3777215)

“Local-1” (3181)

“Midwest Regional” (3169)

“USA 1776” (1776)

K9MMQ time slot 2 static talkgroups

“Crossroads” (8710)

“Indiana Statewide” (3118)

“Local-2” (3166)



Unless a local repeater user activates a dynamic talkgroup, the talkgroups above are the only ones the K9MMQ repeater will transmit.

The K9MMQ repeater is connected to the Crossroads network, not the Brandmeister network. The only dynamic talkgroups the K9MMQ allows users to activate, therefore, are those listed below:

K9MMQ time slot 1 dynamic talkgroups

- “EchoIRLP” (63951)
- “Michigan Statewide” (3126)
- “North America” (3)
- “Ohio Statewide” (3139)
- “Parrot” (9998)

K9MMQ time slot 2 dynamic talkgroups

- “Audio Test” (9999)
- “Comm-2” (3777216)
- “TAC 310” (310)
- “TAC 311” (311)
- “Worldwide” (1)
- “Worldwide English” (13)

So, if you’re a new DMR user who wonders why you don’t hear more traffic on our local DMR repeaters, the answer is probably that the static talkgroups are not in use and busier talkgroups have not been dynamically activated by a local user.

# Ham splatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN



**Carole's  
Corner  
May 2021**

Hello everyone! I hope we have all thawed out by now. If you haven't

and need a little warming up, why, you're in luck because the Indiana QSO Party is fast approaching and participating in it is sure to get your blood flowing. Last year we made a phenomenal showing, amassing over 750,000 points with just 28 people participating. This year, we want to blow everyone out of the water. If everyone can operate, just a little, we can do this and MAYBE even attain a score in excess of 1,000,000 points! It is doable!

For more on the upcoming QSO Party check out both N8KR's and AC9EZ's articles in the April edition of the HamNews. (See fwrc.info).

The next club meeting is 12 May starting promptly at 6:00pm at the main Allen County Public Library

(ACPL) facilities in downtown Fort Wayne, in meeting rooms A and B. We have a marvelous speaker lined up, Sgt. Sophia Rosales-Scatena, a public information officer from the Ft. Wayne Police Dept. Al and I have heard her speak and she is amazing. She will be talking to us about safety, self protection and situation awareness. Remember, underground parking is free at the library if you have an ACPL library card.

Don't forget Field Day is fast approaching, so rack your brains about how you might participate. We welcome any suggestions you may have. We plan to operate out of the Old Fort with four or five stations on the air during the weekend (26, 27 June). And we plan to have dinner Saturday evening at the Fort featuring Charles Ward's (KC9MUT) famous cheese burgers. Looking forward to seeing you all at the May club meeting.

73,

*Carole WB9RUS*

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2021**

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Josh Long, W9HT

THE FORT WAYNE RADIO CLUB INVITES  
YOU TO PARTICIPATE IN THE

# 2021 INDIANA QSO PARTY

May 1  
11am-11pm ET

Help the FWRC to set a new  
record and to win the club  
category again for 2021!



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Special Indiana QSO Party Planning Net on **Friday, April 30<sup>th</sup>**  
**at 7pm on 146.91** for questions – comments – plans – help

## INQP 2021 Extras



- MULTIPLIERS (states and counties) are IMPORTANT! They can dramatically increase your score.
- Try to operate both ssb and cw. Working Allen Co. on both modes count as 2 multipliers – the same with all other counties and states.
- TRY CALLING, “CQ.” Others, especially out of state stations are looking for IN stations. Other states count as multipliers for us: [ssb] “CQ Indiana Qso Party Whiskey Eight Tango Echo” or [cw] “cq inqp W9TE” - keep it short and sweet!
- 80 meters after 7:30pm until 11:00 is HOT. If you only have a couple of hours to play, this is the time!
- Work other qso parties, i.e., New England and 7-land. They will be calling CQ on 20 and 40 during the day. You don’t need to log their county, just their state BUT send “Indiana Allen.”
- Look for mobiles and rovers. Some may send you two counties if they are on a county line. Log them twice – one for each county.
- Go to dxwatch.com and look at the spots for stations you can work. This will be helpful throughout the day. If you’re not familiar with dxcluster check dxwatch out! (try it out today!)
- Feel free to announce Indiana stations on the 146.91 repeater. ie: “INQP Spot: KD9NRT in Jay County on 3825. This is (your callsign).” Or “INQP Spot: “N8KR on county line Dekalb and Noble on 3805. This is (your callsign.)” INQP rules do not allow us to spot/announce ourselves but we can spot others!
- Rover and mobile stations can be worked again providing they are in another county. Some may be in as many as 12 counties....that’s 24 contacts: 12cw and 12ssb.
- Work N8KR from 3 county lines INKOS/INWHL, INDEK/INNOB, and INLAG/INSTE
- Work KD9NRT and KD9ODP from INJAY

- Work AC9EZ/p INALL along with W9SAN, WA9BBN, KD9GDY, KD9PFN, N9TB, W9HT, KR9U, AC9XS, K9FW, K9FMX, KJ9R, in INALL . I’m guessing well also have W9GT, KU8T, W9SA, K9EA, N9HRA, W9LW, K3HZP, KA9GKE, KD9INP, N9RIZ, & W9WN providing RF! Who’s missing?

73 de N8KR

## P.S. from the Editor

**If you are looking for more information on the INQP event, please refer to the articles in the April 2021 edition of HamNews or check on <http://www.hdxcc.org/inqp> for more information. Ken N8KR said that he would be happy to answer any other questions about the contest that you might have. He can be contacted at n8kr (at) hotmail.com or catch him on the 146.910 MHz repeater.**

## FORT WAYNE RADIO CLUB MEETING MINUTES

14 April 2021

The April edition of the Ft. Wayne Radio Club meeting was held at the Allen County Public Library (downtown) on 14 April 2021. We made use of meeting rooms A & B which provide room for up to 126 people in a Corona virus compliant environment. (We have also reserved the venue for the May meeting and are attempting to reserve it for June, July and August. For the time being meetings will start promptly at 6:00 pm because the library closing time has been established as 8:00 pm.

Club President Carole Burke, WB9RUS welcomed the attendees (about 16) where-in all introduced themselves by their name and call-sign. Following introductions we executed the pledge of allegiance ceremony according to our usual practices.

Treasurer Bob Streeter, W8ST provided the current club banking account balances as of 14 April 2021, to wit:

Savings—\$1,831.02

Checking—\$5,675.04

Vanguard Money Market—  
\$11,225.55

Income year-to-date —  
\$1,930.00

Expenses year-to-date—  
\$846.25

Al Burke, WB9SSE reported on repeater status. All machines are operating normally. Al has purchased four replacement sealed lead-acid batteries for the Uninterruptable

Power Supply at Robison Park and will install them shortly.

Al also reported on the April Foxhunt. There were sixteen hunters distributed amongst seven teams, including a contingent of five Trine University students who were returning for their second hunt. Charles Ward, KC9MUT served as the fox and established his fox lair on the banks of the St. Mary's river near Burgess St. and Sherman Blvd. in downtown Ft. Wayne. He hid the microfox in a branch of a dead tree, and it turned out it was quite difficult to locate. The team of Al & Carole Burke plus Jim and Annie Pliett were the first to locate the microfox and thus will serve as the fox for May hunt. More details of this hunt will be contained in the April edition of the Foxhunt Chronicles forthcoming.

Carole discussed a strategy to improve public awareness regarding the FWRC and the upcoming events such as Field

Day. We have noticed that in the past we have received some exposure via the press and media to events such as Field Day, but only after-the-fact. If we can create public awareness prior to an event perhaps we can induce more of the public to participate. To this end she will be inquiring with several contacts she has in the media and public relations about who to contact in those fields in Ft. Wayne such that we can get our message out.

Carole is also in discussions with ACARTS president Dave Lindquist, W9LKH about the FWRC and ACARTS jointly sponsoring a picnic this August out at the Jefferson Township Park east of New Haven. This would be an excellent opportunity for the two clubs to socialize given all of the restrictions the Coronavirus issue has so far put on both clubs.



Image: Presentation during April's FWRC

Following the business meeting Jeff Bauermeister, a Magnavox retiree who had worked in Information Technology, provided a fascinating description of the art and science of the sport of racing pigeons. Turns out that Ft. Wayne was a center of excellence regarding practitioners of the sport from the early 20's thru the 70's and Jeff and his dad and granddad were really into the hobby. They hosted a flock of about 20 pigeons and entered them in speed and endurance races over distances of up to 1000 miles. It was quite popular. In fact there was column in the Sunday paper back in the day that listed details of each (weekly) race, akin to the box scores.

If you were not at the April meeting, you missed a good one.

Upcoming presentations will include:

**May** – Sgt Sophia Rosales- Scatena of the Fort Wayne Police Dept, Public Information Unit who will brief us on general safety topics including situation awareness and answer any questions we may have on the subject. We may also be able to give us her view on the hoopla that took place in Washington D.C just after the Presidential inauguration. Carole has attended a presentation by her at another venue and found her quite interesting and informative.

**June** – The presentation will revolve around preparations for Field Day.

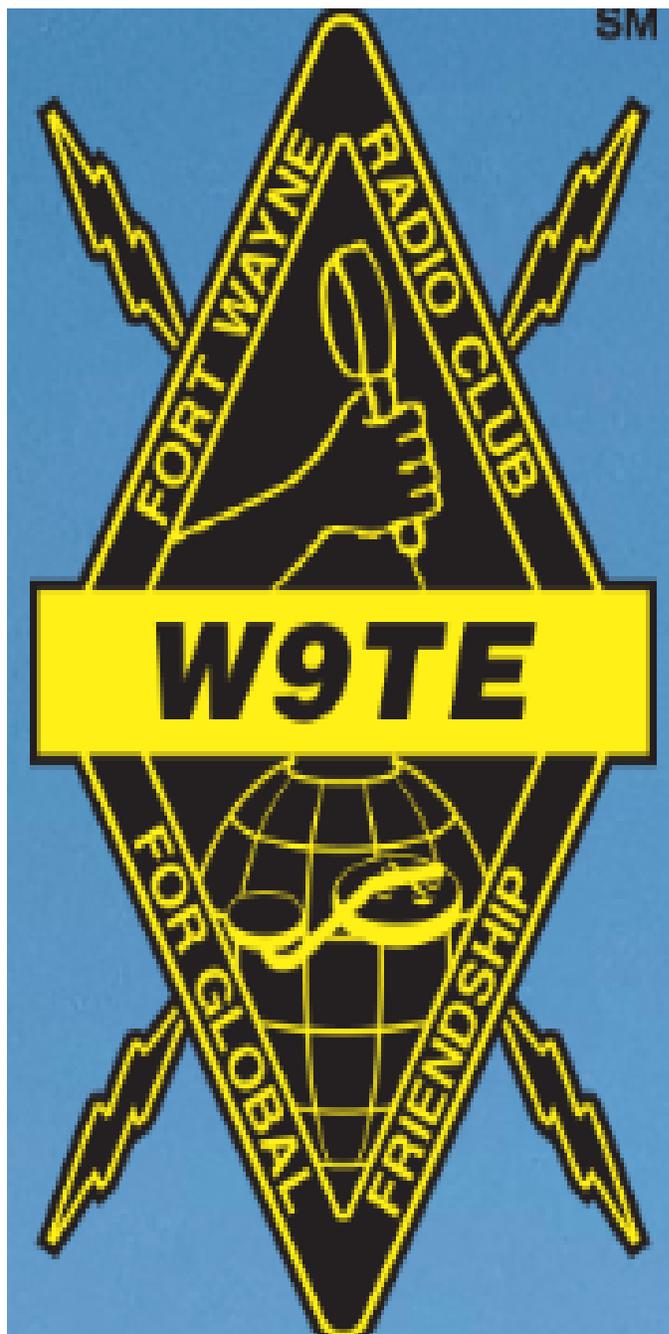
**July** - Larry Temenoff (KB9OS) ran across a former railroad telegrapher, Larry Lett, who used to work for the Wabash Railroad, Montpelier Division. Larry has working examples of collector item keys and has agreed to bring them to the July meeting and provide us a program on old time telegraphy. This is the technology that preceded Morse code and radio telegraphy.

The meeting concluded about 8:50 pm.

Respectfully submitted,

*Al Burke, WB9SSE*

Secretary, Fort Wayne Radio Club



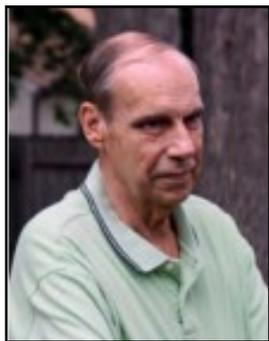
<b>Upcoming FWRC Meetings</b>	
<b>6pm at the downtown ACPL</b>	
	5/19
	6/16
	7/14
	8/18

# State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN

## ACARTS President's Message for May 2021



ACARTS has no meetings or activities scheduled for May, but we could be getting back into the swing of things soon.

The COVID-19 pandemic numbers are improving locally, and more and more people are being vaccinated. Restrictions are being lifted. With the warmer spring temperatures, people are wanting to get back to normal and do things. If things continue to improve and we do not have another spike in COVID-19 cases, ACARTS could quite possibly resume holding meetings in June. We normally do not hold meetings in July, but as we have not had any meetings in over a year, July meetings are a possibility. There is a very good chance that ACARTS will hold the annual picnic in August. At this time, it appears that COVID-19 conditions will have improved enough that we can hold a near normal, unrestricted, Hamfest in November. Our Hamfest has been approved as the ARRL Central Division Convention for 2021. Let us hope that things get back to nor-

mal soon and these events can happen.

One sign that things are returning to normal, and people are involved in more every day activities is that participation and log submissions in the ACARTS FM VHF/UHF contest this year were way down. The 2020 contest set records in the number of participants and logs received, most likely because people could not do anything because of the pandemic lockdown, professional sporting events were cancelled, as the contest gave them something to do for an evening. That was not the case in 2021. As ACARTS is not holding a May meeting where the winners of each category would be presented with certificates, the certificate will be mailed on or about May 18, the normal meeting date. An article in the June Allen County HamNews will go over contest activity and announce the winners. Many thanks to those of you that did participate in the contest.

73,

*Dave Lindquist, W9LKH*

## ACARTS Officers 2021

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# Cycle 25 Prediction Update

Carl Luetzelschwab, K9LA

At the April 8 meeting of the Front Range 6 Meter group via ZOOM, Dr. Scott McIntosh gave an update on his prediction for Cycle 25. I'm aware of 56 predictions for Cycle 25 (there are probably more out there), and Dr. McIntosh's prediction is one of three that forecasts a big Cycle 25. There are 3 predictions that forecast an average cycle (a bit bigger than Cycle 23). And there are 50 predictions that forecast a below average cycle (similar to Cycle 24 or even lower).

The basis for the McIntosh, et al, prediction is the length of time between the termination dates (when the magnetic cycles inside the sun end) of the two previous cycles.

For example, the magnitude of Cycle 23 is related to the time between the termination dates of Cycles 21 and 22. His team calculated the termination dates for Cycles 1 through 23, and plotted the time between the termination dates and the magnitude of the next cycle. Figure 1 shows the termination date data, and Figure 2 shows the scatter diagram of the time between termination dates and the magnitude of the next cycle.

SC	Maximum Sunspot Number	Termination Date	$\Delta T$
0	...	1757.92	...
1	144	1767.92	10.00
2	193	1777.08	9.16
3	264	1786.00	8.92
4	235	1801.25	15.25
5	082	1814.92	13.66
6	081	1826.42	11.50
7	119	1835.25	8.83
8	245	1846.08	10.83
9	220	1858.17	12.08
10	186	1868.67	10.50
11	234	1880.75	12.08
12	124	1891.33	10.58
13	147	1903.83	12.50
14	107	1915.08	11.25
15	176	1925.42	10.33
16	130	1935.67	10.25
17	199	1945.92	10.25
18	219	1955.75	9.83
19	285	1966.67	10.92
20	157	1978.00	11.33
21	233	1988.25	10.25
22	213	1998.25	10.00
23	180	2011.08	12.83
24	116	...	...



Figure 1

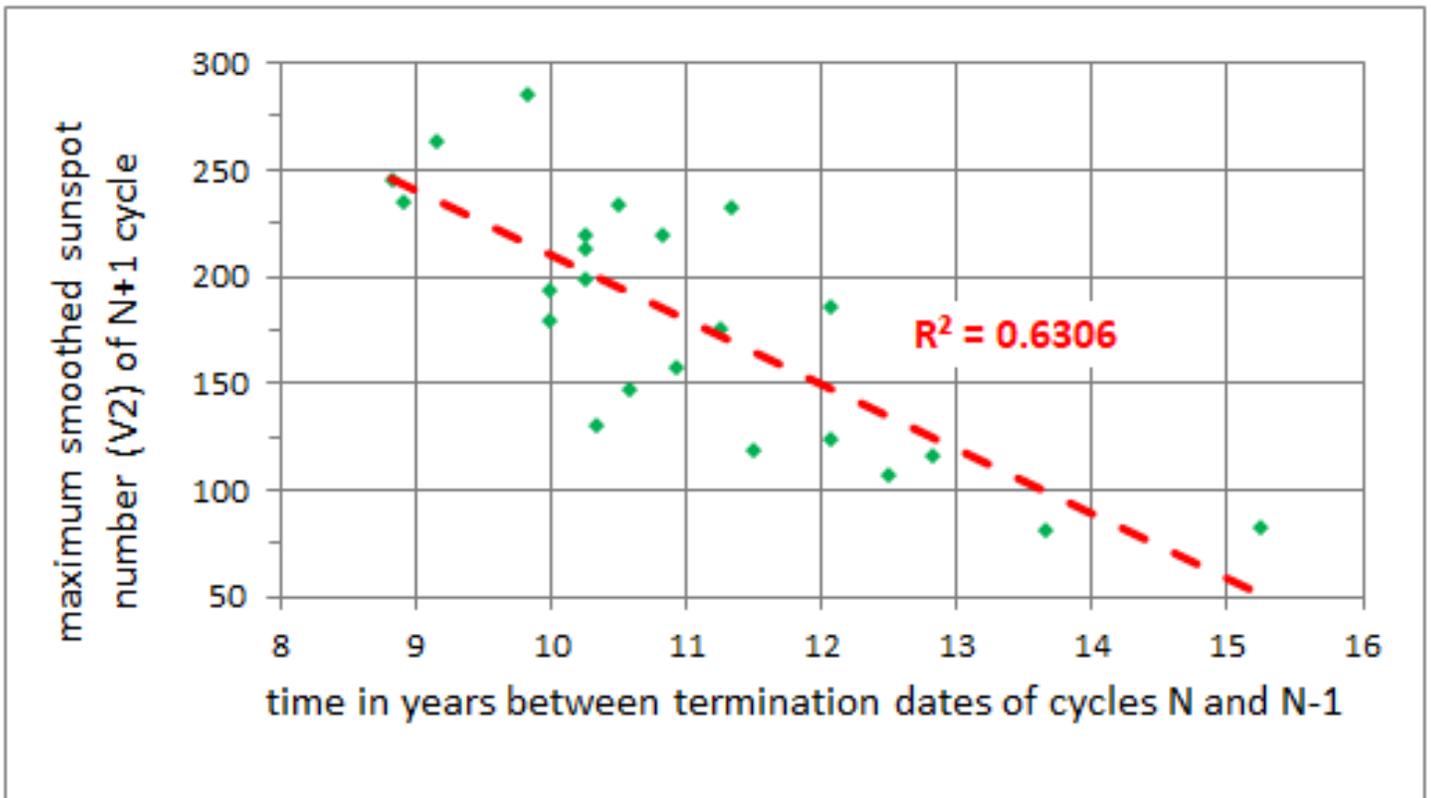


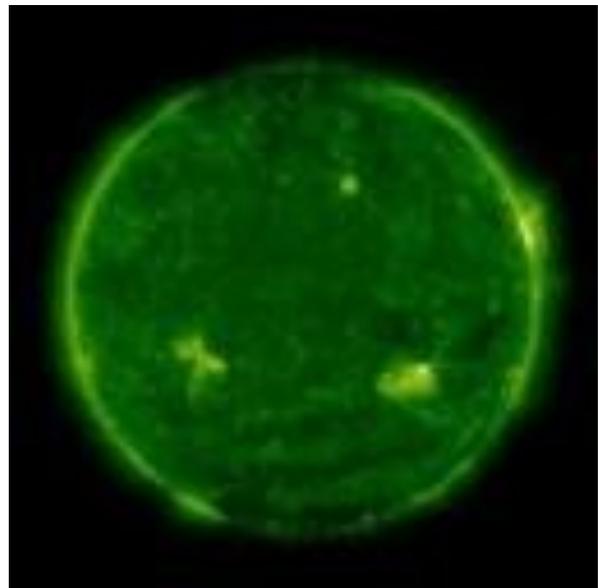
Figure 2

Note that the trend is for a smaller cycle when the time between the termination dates is longer. Although the correlation isn't perfect (R-squared would be 1.00 for perfect correlation), it's still pretty high. Based on the estimated termination date of 2020.37 (April 2020) for Cycle 24 in their paper (<https://arxiv.org/abs/2006.15263>) and a termination date of 2011.08 (January 2011) for Cycle 23, the length of time is 9.29 years. Entering 9.29 on the horizontal axis of Figure 2 and going up to the linear trend line indicates the magnitude of Cycle 25 should be around 233. That puts Cycle 25 similar to Cycle 21 (peak in 1979) and Cycle 22 (peak in 1989).

At the ZOOM meeting, Dr. McIntosh acknowledged that the termination date for Cycle 24 has not yet occurred. Thus the termination date is about one year later than initially estimated. The actual length of time between termination dates, if the Cycle 24 termination date occurred

last month, would be 10.29 years. Entering that into Figure 2 says the magnitude of Cycle 25 should be around 200. That's still bigger than the average (which is about 179), and Cycle 25 would be somewhat bigger than Cycle 23.

So which of the 56 predictions is going to be most accurate? All we can do is wait and see what happens.





## Club Log: Log Search Tool

Jim, AC9EZ

There are many tools available to ham radio operators, all of which have varying strengths. Probably the most versatile tool for the ham radio operator interested in chasing DX is a website called Club Log.

Club Log is like a combination online log book, dxcc entity research tool, and qsl card request system rolled into one website. The website was started in 2007 by UK amateur Michael, G7VJF. Since its inception, Club Log now has dozens of tools available free of charge to amateurs world wide. Although some of these tools require an account to access, the account is free and easy to set up.

Probably the most well-used tool on the Club Log website is their online log search. This tool allows amateurs who have “worked” (contacted) a DXpedition or a rare DX station to search that station or expedition’s log book, uploaded to the Club Log website, to make sure that the dx station recorded the qso. This is a good way to keep track of what bands or modes one may have worked a particular Dxpediton.

Here’s how it works. Let’s say that I worked station CY9C on St. Paul Island (off the East coast of Newfoundland, Canada). I know that the qso was “good” (the information was exchanged properly and both sides acknowledged they received the other’s information), but I want to make sure the qso was recorded by the DX station. Firstly, I go to the Club Log website, and click on the tab marked “Log Search” (located under the Tools subheading). Immediately, the website shows two small fields, labeled “Log to Search” and “Callsign to Check” respectively. In the “Log to Search” field, I type in the callsign CY9C. In the “Callsign to Check”, I type in my call, AC9EZ. After clicking “Show Contacts”, the website immediately returns a result (demonstrated in Figure 1) that I have worked CY9C on 40m

SSB, 40m CW, 40m FT8, 20m SSB, 20m CW, and 20m FT8. In just a few seconds, I have seen that I have worked the entity St. Paul Island on two bands, and that I have worked that entity on three mode “slots” on each of those two bands.

Armed with this information, I know that I do not need to work any future expedition to St. Paul Island on either 40m or 20m, since I have worked it on cw, ssb, and digital modes already. For my personal dx goals, I should now focus on working any future DXpedition to St. Paul Island on every other band other than 40 or 20 meters. This maximizes my time spent chasing DX, and gives other stations who may not have that entity a better chance at working it.

**Log Search**

This form allows you to check if you are "in the log". It only works for registered Club Log users and expeditions that have uploaded their logs. This service has been heavily optimised for large and/or popular logs.

Log to search: CY9C  
 91,030 QSOs logged between 2016-08-18 02:46Z and 2019-08-08 11:38Z

Callsign to check: AC9EZ

Show contacts

Band	SSB	CW	FT8
40	1	1	1
20	1	1	1

Note: CY9C is also using the [Club Log expedition charts](#)

You cannot order a card via OQRS. This functionality has not been enabled by the holder of the callsign at present.

You can link to this page (no login required): <https://clublog.org/logsearch/CY9C>

Embed this tool in your own web site

Figure 1

## Log Search

This form allows you to check if you are "in the log". It only works for registered Club Log users and expeditions that have uploaded their logs. This service has been heavily optimised for large and/or popular logs.

Log to search:	XR0ZRC
37,440 QSOs logged between 2019-03-11 02:30Z and 2019-04-02 11:47Z	
Callsign to check:	AC9EZ

Show contacts

Band	FT8
17	1

Note: XR0ZRC is also using the [Club Log expedition charts](#)

[Request QSL Card](#)

You can link to this page (no login required): <https://clublog.org/logsearch/XR0ZRC>

[Embed this tool in your own web site](#)

Figure 2

This same process of searching different DX station logs can be used for practically any DX station or domestic station. So long as I know what callsign I wish to search, I can continue typing in DX (or domestic) callsigns all day long, checking to see if my call is contained in that station's logbook.

The other nice feature of this "Log Search" tool on Club Log is the OQRS ability or "Online Qsl Request System". This is a feature that is widely used by many DXpeditions, because it allows stations to request a Qsl card directly from that DXpeditions Qsl manager, without having to send money through the mail. In some cases, DXpeditions will actually offer a free qsl card sent via the Qsl bureau of your country, but that can take anywhere from several months to several years before a bureau card will arrive in your mail box.

To check a particular DXpedition to see if they offer a free bureau qsl card, we go through the same steps as before. However, at the last step, we will look for a clickable link that says "Request Qsl Card" (as shown in Figure 2 for DX station XR0ZRC). Once I click on that "Request Qsl Card" link, I will be taken to sev-

eral additional pages that will tell me the date of my qso with that dxpedition, the bands/modes of any qso I had with that dxpedition, and the different options I can request for the qsl card (shown in Figure 3). For a certain fee (and quicker delivery of the Qsl card), I can donate a certain dollar amount via PayPal to the expedition, generally about \$5 or so. If the DXpedition offers a free Qsl card via Bureau, that option will be available. Once I fill in the qso time for the contact(s) I made with the DXpedition and click my preferred method of receiving the Qsl card, I will be able to finalize my request and then start the hardest step of the entire process - waiting for the card to arrive.

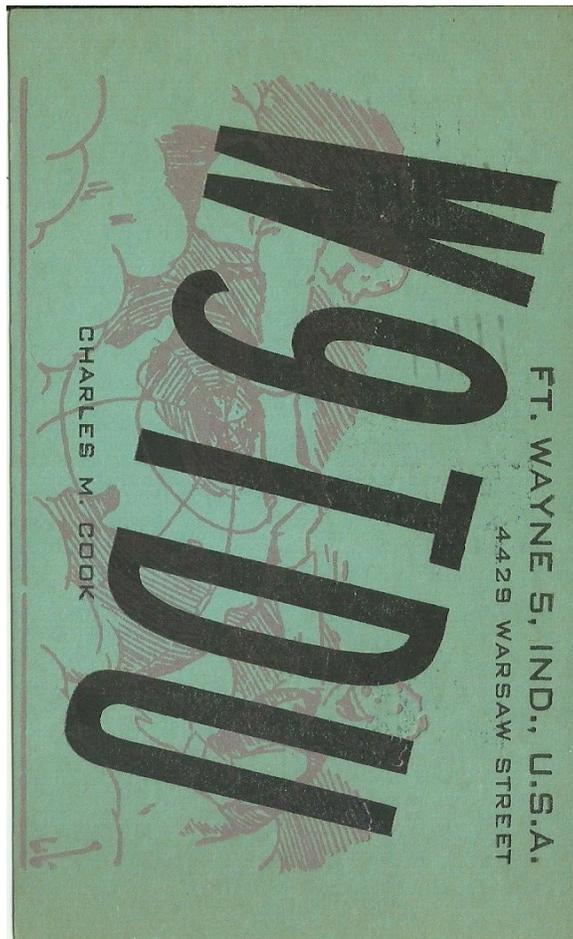


Generally, most DXpeditions will upload their entire logbook(s) to Logbook of the World, referred to as LOTW, within 3-6 months after the DXpeditions. In other cases, DX stations choose to wait several years before uploading to LOTW. Some DXpeditions upload to LOTW immediately after receiving a donation. Whatever the practice, the Club Log "Log Search" tool is a unique and timely way of checking a DX station's log for that once in a lifetime qso you made.

73 and if you have any questions on Club Log, please drop me an email at dfile13 (at) hotmail.com.

73 and good DX!

*de Jim ac9ez*





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**XR0ZRC Club Log QSL Request for AC9EZ**

Thanks for the QSOs! For direct requests double-folded QSL will be printed. Fast LoTW for Donors and Direct OQRS. No EQSL

The first DIRECT QSO costs **\$4.00** to QSL and each additional QSO costs **\$0.00**  
 Buro cards can be requested for free  
 Contact: [rv6ali@yandex.ru](mailto:rv6ali@yandex.ru) directly for any QSL enquiries.

  
 Empty QSL Cart

New	Band	Mode	Year	Month	Day	HH	MM	LoTW	QSL options
	17	FT8	2019	03	26	22	56		 <span style="color: red;">Request Again</span>

Cancel

Figure 3



AC9XU up from Woodburn, and finally the seventh crew consisting of Ismar Chew, KD9OKH, Tim Mayer, KD2TCP, Dakotah Alumbaugh, KD9QQW, Abigail Decamp, KD9SDY and Daniel (still working on his license), all students at Trine University.

half minutes between the high power transmissions.

I believe everyone at the Cobin Memorial Park site heard the first high power transmission and noted, with great joy, that it was coming from west instead of the east (out New Haven way) which is where all electromagnetic waves go to be reflected and generally die. (Charles told me, after the hunt, that he had considered hiding in New Haven, but just wasn't ornery enough to do something so heinous).

Now on this hunt the Burke/Pliett team decided to employ its new top secret patent pending fox localizing technique honed after many years of observation and experiment which turned out to work quite well. In fact, we localized the fox hide in just one half hour and thus were on foot hunting for the microfox well before any other teams showed up.



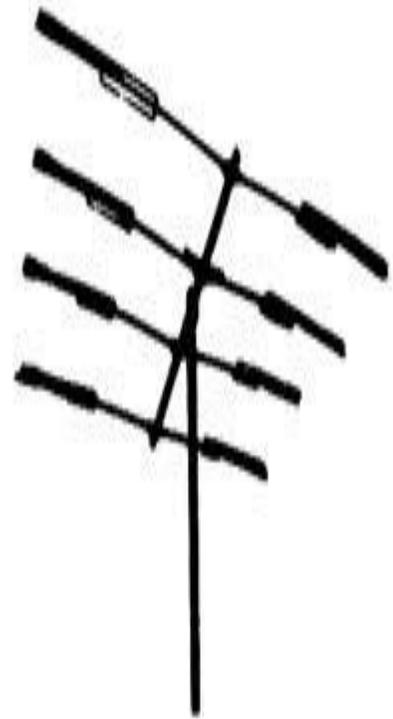
### April 2021

The weather was overcast, a bit windy and rainy on Sunday, 11 April 16, 2021, the date of our April foxhunt. Despite that there were seven teams of anxious hunters who showed up at the Cobin Memorial Park starting point.

The first team consisted of Carole and Al Burke, WB9's RUS and SSE plus Jim and Annie Pliett, K9OMA and KA9YYI. The second team consisted of Bill Hopkins, K9WEH, alone. The third team included Steve and Linda Nardin, W9's SAN and LAN, plus their grandson Alex, while the fourth team was Mike Palmer, N9FEB, up from Indianapolis. Fifth was John Lazaro, KD9NIV out of Ft. Wayne, then sixth, Brian Kibiger,

The fox for this one was Charles Ward, KC9MUT who picked the west side of the St. Mary's riverbank near the River Greenway and St. Mary's pathways as his fox lair. He chose a fallen tree with a (huge) broken branch as the hiding spot for the microfox. Charles set up a tent to keep himself out of the rain and employed a 100 watt mobile transceiver driving a yagi as the high power fox. The microfox was the usual 100 milliwatt or so microprocessor based unit that we typically employ.

The hunt started promptly at 1:30 pm with Charles sending out a taunting high power one minute call on 146.430 MHz which he repeated every five minutes throughout the hunt. The microfox would come up for one minute every two and a



It turns out that Charles stuck that microfox in a deep cavity inside the broken branch of that tree that I mentioned above.



Our two meter and third harmonic equipment pointed Jim and I directly to the remnant of the branch but it was located too high for comparatively diminutive guys like Jim or I to reach from the ground. So I wound up sorta climbing up into the tree to get at that branch. Couldn't see the microfox from the angle I was looking but finally felt it, and then fell out of the tree. Didn't get hurt, just scratched up a bit on my legs. Luckily it didn't show or I would have caught heck from Carole for crawling around like a



dang teenager.  
About an hour into the hunt the rest of the

teams showed up and found the microfox in a fairly short order.

After the hunt twelve of us made it over to Hall's Hollywood restaurant for a well desired meal. It was good.

So it turns out that the Burke/Pliett team will serve as the fox for the May hunt which will occur on Sunday, May 2<sup>nd</sup>. Why don't you join us? It's a lot of fun.

Scores for the April hunt and for the year-to-date are as follows:

FOXHUNTER	APRIL SCORE	YEAR-TO-DATE CUMULATIVE
WB9SSE	8	11
WB9RUS	7	10
K9OMA	7	10
KA9YYI	7	10
KC9MUT	9	15
W9SAN	5	13
W9LAN	5	13
ALEX	5	13
K9WEH	6	6
N9FEB	4	8
ND9C	0	4
KD9OKH	1	3
KD2TCP	1	3
KW9S	0	2
KD9QQW	1	2
N9AMT	0	1
KD9SDY	1	3
KD9QHL	0	5

Respectfully submitted,

*Al Burke, WB9SSE*

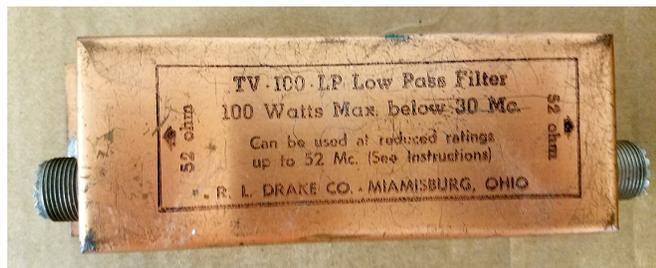
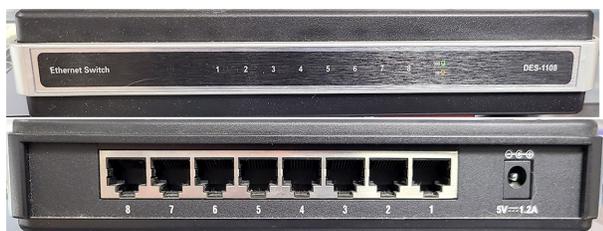
Upcoming Foxhunt Dates	
June 6	September 19
July 11	October 3
August 8	November 7
<i>Stay tuned to HamNews, local nets, and the club websites for updates!</i>	



*For sale and wanted listings in this section are provided to members of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, the Fort Wayne DX Association, and to other local hams free of charge! Listings can be renewed upon request to the editor (see pg. 2 for contact information).*

- Cushcraft ARX-2B 2 meter Ringo Ranger II - 7 dB gain omnidirectional antenna. Good condition, but missing one of the three 20" ground radials. \$40
- Cushcraft AR-6 6 meter Ringo Ranger - 3 dB gain omnidirectional antenna. Fair condition - worked fine last time it was used. \$20
- Siltronix FS-301 HF SWR Bridge/Watt Meter - \$35
- Drake TV-100 30 MHz low pass filter – 100 watt - \$4
- Maha MH-C800S NICAD charger (holds 8 individual AA cells) - \$5
- DLINK DES-1108 8-port 100 MB/s ethernet switch - \$5
- Book: Amateur Antenna Tests and Measurements by Harry Hooton W6TYH - \$2
- Book: Microwave Transistor Amplifiers Analysis & Design by Guillermo Gonzalez - \$2
- Book: Transmission Line Transformers by Jerry Sevick W2FMI - \$2

For any of these items, please contact Don, WB8HQS at don.gagnon (at) frontier.com or text to 260-403-1548.



Your item could be listed here next month! Just send the editor an email with your listings before May 29th! See page 2 for contact information.

## For Sale / Wanted Continued

All items from this listing are from Lester Lee, KA9LTP (SK) for his wife, Tammy.

- Yaesu FT-950. This radio was owned by Dick Byers, W9RRB. It was purchased by his good friend, Lester Lee, KC9LTP. Both are now SK and Lester never had a chance to use the radio. "Cream puff". Asking \$850
- FT-2900 VHF mobile transceiver. Another "Cream puff" . Asking \$150
- FT-1030A Yaesu Power Supply, 30A peak, 25A continuous. "Low Mileage". Asking \$150 each.
- Astron 35A Power Supply, no meters. Asking \$125.

For any of these items, please contact Jack, W9OWO at 269-585-0408.

- T2 Lorenz straight key. German WW2 vintage. The base is chipped on one corner, but in good shape otherwise. Own a piece of history! \$60
- Uniden Bearcat BC220XLT 200 Channel Twin Turbo 12 Band Police Scanner w/800Mhz. In good operating and cosmetic condition. The rechargeable battery pack holds a charge. The rubber duck antenna and wall charger are included. \$25
- MFJ-914 AutoTuner Extender. In good cosmetic condition and appears to work. Includes manual. \$40
- Signalink USB soundcard interace. Includes cable for a later Ten Tec radio. \$75
- Ten Tec 963 13.8 VDC/25 amp continuous power supply. \$50
- MFJ-4225MV adjustable 9-15 VDC/22 amps continuous/ 25 amps max surge power supply. \$50
- MFJ low pass filter. Free with the purchase of one of the above items!

For any of these items, please contact Josh, W9HT. See pg. 2 for contact information.

Your item could be listed here next month! Just send the editor an email with your listings before May 29th! See page 2 for contact information.

# For Sale / Wanted

## Continued

- For Sale: Kenwood TS-520S Vintage HF Transceiver – Good condition, 160-10 meters, \$300 or Best Offer

Please contact Gary, KB9TUI at kb9tui (at) gmail.com or call 260-450-0980

- For Sale: MFJ-259B Antenna Analyzer and external AC supply. Analyzer covers from 1.8 MHz to 170 MHz. It measures antenna SWR, coax loss, capacitance, inductance, and can be used for adjusting tuners. All are in very good condition. Internal alkaline batteries are included, but are not new. \$180.00

Please contact Bill, K3HZP at HZP\_Electronics (at) jun0.com



- For Sale: Cushcraft 2 meter long Yagi—similar item in today's catalog is \$380.00 new!
- Cushcraft 10 meter "Ten 3" three element Yagi—same item listed new at \$360.00!
- Your price: \$50 buys either one. Proceeds to benefit FWRC.

Please contact Jim Mast, W8HOM at 260-447-1225.

*Your item could be listed here next month! Just send the editor an email with your listings before May 29th! See page 2 for contact information.*

# For Sale / Wanted

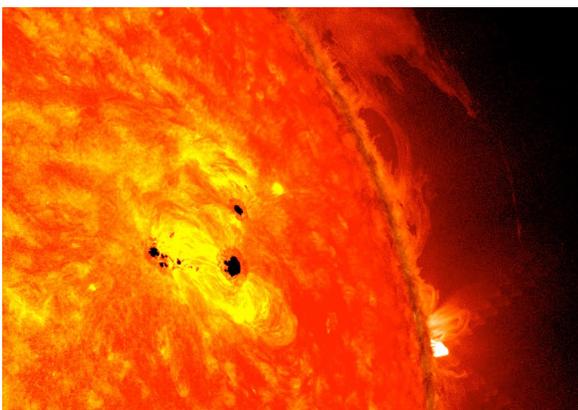
## Continued

- For Sale: 2019 chrome Vibroplex bug, also includes optional Vari-speed to slow down the bug's speed. \$250 (save \$100 over the new price!)

Please contact AI, K9FW at k9fw (at) frontier.com

- For Sale: CW paddles kit. Assembled and works well. This kit was reviewed in the December edition of QST. \$25
- Morse Tutor Board. Assembled and works well. Includes manual. This kit was reviewed in May edition of QST. \$30
- Pair of FRS/GMRS handheld radios. Bought new in the fall, only used once. \$40

For any of these items, please contact Terry K9FMX at tjbowman (at) frontier.com or at 260-705-7128



Wanted: Sunspots.  
Will pay top dollar!

# For Sale / Wanted Continued

The Fort Wayne Radio Club has the following items available for sale. Please contact Steve W9SAN if you are interested in any of these items at w9san (at) arrl.net or leave a message at 260-482-4039.



Yaesu FT-207R HT, 2 meters, condition unknown. Make an offer! No antenna or charger. Has ni-cad battery inside; function unknown.



Cobra 29, 23 channel CB. Condition unknown. No manual or box. Make an offer!



**• SOLD**

Heath HD-1410 iambic keyer. Works fine. Comes with power cord and harness to drive a rig with solid state input. Paddles are adjustable for travel and tension. \$25 firm.



Heath HD-1410 iambic keyer. Works fine. Comes with power cord and harness to drive a rig with solid state input. Paddles are adjustable for travel and tension. \$25 firm.



Heath 2 meter mobile antenna; short coax. Free to a good home!



Heath MT-1 transmitter. Good parts radio. \$5 OBO; cabinet is good. No power supply.



Hallicrafters shortwave receiver. S-120. Works but very poor sensitivity. Good parts radio. \$2 OBO. Not a photo of the actual radio. Cosmetic condition is fair.



**• SOLD**

Audio oscillator. Operation unknown. \$5 OBO

## Selected Contests for May 2021

10-10 Int. Spring Contest, CW	0001Z, May 1 to 2359Z, May 2
ARI International DX Contest	1200Z, May 1 to 1159Z, May 2
7th Call Area QSO Party	1300Z, May 1 to 0700Z, May 2
AGCW QRP/QRP Party	1300Z-1900Z, May 1
Indiana QSO Party	1500Z, May 1 to 0300Z, May 2
Delaware QSO Party	1700Z, May 1 to 2359Z, May 2
New England QSO Party	2000Z, May 1 to 0500Z, May 2 and 1300Z-2400Z, May 2
SKCC Sprint Europe	1900Z-2100Z, May 6
SKCC Weekend Sprintathon	1200Z, May 8 to 2400Z, May 9
CQ-M International DX Contest	1200Z, May 8 to 1159Z, May 9
Arkansas QSO Party	1400Z, May 8 to 0200Z, May 9
50 MHz Spring Sprint	2300Z, May 8 to 0300Z, May 9
NZART Sangster Shield Contest	0800Z-1100Z, May 15 and 0800Z-1100Z, May 16
His Maj. King of Spain Contest, CW	1200Z, May 15 to 1200Z, May 16
NCCC Sprint	0230Z-0300Z, May 21
Hamvention QSO Party	1200Z-2400Z, May 21
K1USN Slow Speed Test	2000Z-2100Z, May 21
YOTA Contest	0800Z-1959Z, May 22
EU PSK DX Contest	1200Z, May 22 to 1200Z, May 23
Baltic Contest	2100Z, May 22 to 0200Z, May 23
SKCC Sprint	0000Z-0200Z, May 26
CQ WW WPX Contest, CW	0000Z, May 29 to 2359Z, May 30
Day of the YLs Contest	0001Z, May 29 to 2359Z, May 30
K1USN Slow Speed Test	0000Z-0100Z, May 31
QCX Challenge	1300Z-1400Z, May 31
OK1WC Memorial	1630Z-1729Z, May 31
QCX Challenge	1900Z-2000Z, May 31

# Radiosport

*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					
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.inarrl.org/index.php/public-service/indiana-nts>

Fort Wayne area repeaters (updated as of 5/1/21)							
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	--	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	\$20.00 / year
Family membership <sup>1</sup>	\$30.00 / 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

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 <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

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