



WISCONSIN SECTION NEWSLETTER

Issue Date: June 2024
WI Section Manager, Jason Spetz, KC9FXE

From the Section Manager

Greetings all!

I hope everyone is ready for their Field Day operations, if you plan to participate. Maybe the weather will cooperate with you through most of it. For me, I will be traveling for a family wedding this weekend. It is an outdoor event, so I'm trying to figure out the proper etiquette for setting up a portable station at a wedding. If anyone has that information for me, send it my way!

Perhaps I can take a storm spotting approach?

Anyway, I'll try to make an on-the-air appearance at some point, at least on one of our nets. Jim Batka, N9VC, has offered to accept any traffic for me, and place it on the board for me to pick up when I can. I hope to hear from you in the form of an NTS Radiogram or ICS213 message.



As a reminder, here are some opportunities for you to get your message(s) into the system:



Saturday:

Wisconsin Sideband Net 3985 KHz - 5 pm
Wisconsin Slow Speed Net 3555 KHz - 6 pm
Wisconsin Intrastate Net 3555 KHz - 7 pm
Wisconsin Intrastate Net 3555 KHz - 10 pm

Sunday:

Badger Weather Net 3984 KHz 6 am
Wisconsin ARES/RACES HF Net 3967 KHz - 8 am
Badger Emergency Net 3985/7268 KHz 12 noon

For more information on Field Day visit: <https://www.arrl.org/field-day>



In other news, I was able to get out to the **Green Bay Mike & Key Club's** annual hamfest on June 1st. Once again, I was impressed. They really do a great job of putting this event together. According to their website, they had 230 people in attendance. Not too bad at all! The attendance keeps going up on this one. Thank you to the Green Bay Mike & Key Club for the invite. I look forward to seeing you all again next year.

Next up for me is the CVARC Hamfest in Chippewa Falls.

Enjoy Field Day and have a happy and safe Independence Day.

Until next time... 73!

General Announcements, Events and Reminders

FREE Student Membership

The new free student membership is now available. To learn more information on this and other membership options, visit: <https://www.arrl.org/membership>



ARRL IT Systems Disruption

The ARRL continues to hack away (pun intended) at the recent IT issues they have been dealing with. Progress reports can be found here: <https://www.arrl.org/news/arrl-systems-service-disruption>



Club Grant Program

The Club Grant Program is open for grant proposals up to \$25,000. The deadline to submit is July 26th. For more information, visit: <https://www.arrl.org/club-grant-program>



ARES Group Registration

Much like the club listing, the ARRL has a place for ARES groups to register their organizations. I encourage each of your ARES organizations to register and remember to keep the information up to date. This will provide a good place for people to find ARES organizations in their area with accurate contact information. Registration only takes a couple minutes.

Register at: <https://www.arrl.org/ares-group-registration>



The **Central Division Convention** will be held in Elkhart, Indiana on August 3rd. For more information, visit: <https://elkharteasthamfest.com/convention.html>



If you're having issues renewing your **FCC Amateur Radio license**, check out these helpful resources:

- Easy to follow website with instructions and screenshots by W0IS: <https://w0is.com/LicenseRenewal/FCCRenewalInstructions.htm>
- ARRL Website: <https://www.arrl.org/cores-uls-registration>
- Video featuring ARRL VEC Department Manager Maria Somma, AB1FM. You'll also hear from ARRL VEC "expert" Josh Nance on a few common issues he tends to help folks out with over the phone: <https://www.youtube.com/watch?v=DI8nmjRJg4>

News From Around the Section

A new Emergency Coordinator has been appointed in Dunn County. **Bryan Moris, K9BRM** has taken over those duties from **Jeff Wait, KB9MMT**. Jeff will continue to serve as EC for Pierce County. Thank you to both Bryan and Jeff for their service to Wisconsin ARES/RACES.

Section Emergency Coordinator / ARES Report

Kyle Schaefer, KC9SDK, Wisconsin SEC:

No report at I am just returning from my lengthy summer vacation.

Public Information Coordinator Report

From Myron Oestreich, KB9STB, Section Public Information Coordinator:

Greetings fellow Sconnie hams! June is in full swing, and it's been a busy month on the radios. Simcom wrapped up June 5, and now the After Action Reports (AAR's) are being worked on. Then of course there's Field Day June 22 and 23. I sincerely wish all of you the best with the event. For me, Field Day is my favorite time of year (aside from family events of course). It was where I cut my teeth on HF operations in Wausau way back with the Wisconsin Valley Radio Association and the Elmers they had on site at their setup. That's where I got my trial by fire (by my own choosing) CW education and had many other milestones. Locally, I know that Portage County ARES/RACES and the Central Sands Amateur Radio Club will be operating at the Midwest Renewable Energy Association's festival in Custer, showing their abilities. Wood County ARES/RACES/AUXCOMM will be setting up at United Emergency Medical Response in

Wisconsin Rapids and will be offering a host of activities, including a walk-in testing session for anyone looking to get licensed or take a stab at the Extra class exam before the new question pool comes into effect on July 1.

This month, we'll be delving into the KISS principle. 1,000 pardons but I was unable to secure the services of Gene Simmons or Ace Frehley to help with this one, so I'll be flying solo. Bad music jokes aside, the KISS principle stands for "Keep It Short and Simple." The version for people talking on the radio (and was for many public safety alumni the way they were taught to talk on the radio) is "Keep It Simple, Stupid." We'll be kinder and gentler this month, so we'll be keeping it short and simple.

In its lowest common form, keeping messaging short and simple isn't too tough. It's a matter of getting in, saying what you want to say and getting back out. That's a heck of a thought to have, but the issue comes in that the general public may not be able to understand what you're saying if you're overly short or throw out niche specific jargon. As food for thought, Readers Digest is written for a reader with about a fifth grade reading level. Keeping that thought in the back of your head is much easier said than done. Taking simple steps to help ensure you have your point well delivered in an understandable way helps. Here are a couple pointers in no particular order:

- Explain abbreviations. In the first paragraph, I talked about AAR's. I made sure to say "After Action Reports" so you knew what I was talking about. Had I not done that, a reader could have thought I was talking about the Association of American Railroads, Airport Arrival Rate, or I got brave and went Against All Risks.
- Avoid jargon. If you do use jargon, be prepared to explain it. Jargon is great if you're writing a submission for a trade magazine, blog or website, but a press release going out to the general public needs to be worded differently. For instance, you could make the statement of "Our local ham group fought tough band conditions but still made 150 contacts with our dipole setup." That's fine for QST, QRZ or eHam. If you're talking something for the local media, something more on the lines of "150 contacts were made around the country from our site. The recent aurora posed a challenge, but we were still able to reach out and talk to people."
- Simple explanations are the best for more local releases. This is especially true if you're doing sound bites for local news – be it television or radio. Most answers need more than a "yes" or "no" answer, so explanation is a must. That doesn't mean however that the entire life story of a topic needs to get talked about unless it's specifically asked for. Remember – when it comes to television and radio, most of the time the lion's share of what you have to say will hit the cutting room floor through no fault of your own. Reporters have to get their stories down to anywhere from 15 seconds to a minute at most, depending on if it's a slow news day. If it's a slow news day, the story may be longer, but that doesn't happen too much in the more populous areas (Madison, Milwaukee, Green Bay, Eau Claire, LaCrosse, etc.)
- If you send a press release and a reporter calls you to follow up or schedule an interview, jackpot! If you're talking with them on the phone and they're asking questions, take your time and explain your answers. They'll usually ask for clarification if they need any and then will likely read back a summary statement to see if they have it right. If you have the opportunity for an on-camera interview, there's no harm in asking for a practice run of the interview before the camera gets turned on. That way you know what's coming question wise and you aren't stuck with the "uhhhh", "ummmmm" and "ahhhhhh" moments, and can focus on what your message is. If it's a radio event, there's no harm

in inviting a reporter to have a seat in front of the radio and make a contact. Some will take you up on it. Others won't. Either way, it's all right and you offered. That could be as simple as being at Field Day or another event you're playing radio at and arranging a third-party contact so the reporter can talk and experience it. It makes for some good sound and video bits for the reporter to help show that anyone can get on the air.

- If you are giving an interview, do yourself a solid and be your true self. Reporters can tell someone posing from a mile away, and it can make for bad interview content. That goes back to the practice run of an interview. It's your opportunity to explain things and practice the interview. The downside to the practice interview is all of a sudden, every creepy-crawly itch and scratch starts to show up and you suddenly start thinking that you have a zit the size of Lambeau Field coming up on your chin and it will show itself as soon as the camera gets turned on. Anyway, taking a moment for a deep breath and telling it real is your best friend. One other thing – if you're on camera, take off your sunglasses. Most of the time reporters will ask you to unless it's insanely bright out and your cool dude shades aren't mirrored but be prepared for them to ask.

One other thing before I step out for the month, August 6 is when National Night Out is being held. This was originally started in larger cities as a way to take back the night from the criminal element and show positive things that a community can do. Since then, it's become a public relations tool to help build safer communities by getting to know your neighbors and surroundings. Many areas in the state are holding this event. Will your local group be participating? If so, we would love to hear about it!

Please remember also, if you have an event coming up or news to share, we are available to help you with drafting releases, getting the word out or celebrating your event with you. All you have to do is ask, and we're happy to assist.

Have a safe and happy Independence Day as well! See you in July!

Section Traffic Manager Report

STM Report Wisconsin Section May 2024

A Check Up on Checking In

PHONE - Before a net starts, tune up your transmitter – well in advance or well *off frequency*. As the net is called up, you'll hear the preamble, the net's purpose and protocol. If the net control station asks for a special order of check-ins, follow those directions. A traffic net will usually ask for liaison stations and stations with traffic first. When traffic is listed, those who can take it are invited to check in. It's a traffic net. Traffic is handled first.

If the NCS says, "Net stand by," everyone shuts up. If the NCS directs two stations to pass traffic, the receiving station calls first. If they move off frequency, they go to a clear spot as directed and ask if it's busy. If it is, they continue moving in the same direction from the net. When they're done, they pause and then return to net frequency.

Only after the net's business are other stations asked to check in. Section nets welcome everybody and often allow for comments later in the net. If you have some business for the net or a relay of a check in, just say your call. Get recognized by the NCS before continuing. Whatever you contribute, always end with your call.

Region and Area nets expect only representatives of section nets and above to check in. Each station who does check in is expected to bring or take traffic. It's not good practice to check in there just to be counted.

CW – Don't tune up on frequency – especially during the net. Pay close attention to the net control's directions. **QNA** means "Answer in prearranged order." That means the net control wants liaisons first. **QNA 9RN** asks *only* for the 9RN rep. **QNA SSB** asks *only* for the side band rep. Unless you're a rep, wait your turn. Don't check in until the NCS just asks for QNI.

For regular check-ins, a station will send a letter (Any letter is okay; we all have our favorites.) and the NCS will respond by sending the same letter (which means "go ahead") Then the station might check in as follows. KB9ROB DE AG9G GE DEAN QRU (I have no traffic. Anything for me?) K If the station checking in *has* traffic, he or she will list it like this indicating where it's going and how many pieces. KB9ROB DE AG9G GE DEAN QTC MILWAUKEE 2 LA CROSSE 1 K .

When checking in, a station can tell the NCS he will handle some listed traffic like this. DE K3PID GE DEAN QRU QSP LA CROSSE K If the NCS directs stations to move off frequency to pass traffic, it'll sound like this.

NCS: **PID** (K3PID?)

K3PID: **T** (Yep)

NCS: **9G** (AG9G?)

AG9G: **T** (Here I am)

NCS: **U5 LAX 1**(QSY up 5 KHz and pass the one for La Crosse.)

KK3PID: **G** (I'm going.)

AG9G: **G** (I'm on my way.)

If both stations have full break-in (QSK), all the receiving station has to do is hit his key during the message and the sender will repeat the last word and continue. When the traffic has been passed, both stations will listen a moment (in case someone else with traffic has been sent to join them) and then return to the net frequency and send their suffixes to let the NCS know they're back.

On any mode, checking into a net is appreciated. It tests our equipment, reviews our protocol, and shares part of our day with friends as we continue to sharpen our skills.

Invite others to join our section nets. Be prepared to assist new traffic handlers off frequency by exchanging traffic, explaining the NTS format, or answering questions. Don't forget to share how much fun it is to be part of a great net. 73 – K9LGU/STM-WI

...and don't forget about our nets:

WISCONSIN TRAFFIC NETS

Name Of Net, Frequency, Local Time	Net Manager	Net Control Stations						
		Sun	Mon	Tue	Wed	Thur	Fri	Sat
Badger Weather Net (BWN) 3984 KHz, 0600	K9LUK	KB9GO	K9LUK	N9NBC	W9CPY	W9IHW	AG9G	WB9WKO
Badger Emergency Net (BEN) 3985 KHz, 1200 ALT 7270 KHz	NX9K	WJ9L	WJ9L NX9K	W9RTP	KB9IME	WD9FLJ	NX9K	N9VC
Wisconsin Side Band Net (WSBN) 3985 or 3982.5 KHz, 1700	AG9G	NX9K KA9BAE	N9VC	KC9FXE	KB9GO	WB9WKO	AG9G	AC9F
Wisconsin Slow Speed Net (WSSN) 3555 KHz, Daily 1800	KB9ROB	KB9ROB	N9VC	*	*	*	AG9G	*
Wisconsin Intrastate Net - Early (WIN-E) 3555 KHz, 1900	WB9ICH	WB9ICH	K9LGU	KC9UC	N9CK	N9VC	AG9G	WB9ICH
Wisconsin Intrastate Net - Late (WIN-L) 3555 KHz, 2200	W9RTP	AG9G	K9LGU	KC9UC	N9VC	N9VC	W9RTP	W9RTP
ARES/RACES Net 3967 KHz, 0800 Sunday ALT 3977.5 or 7250	WB9WKO	*						
WI ARES/RACES Digital Net Tuesday on WINLink 7PM Mon - 7PM Tues	KB9MMC		KB9MMC					
WI ARES/RACES VHF Net on WECOMM Frequencies Last Thursday of the month 7PM	KA9KJE					KA9KJE		

* Net Control Operator needed. Contact Net Manager for information.

2/22/2024



WNA Meeting JUNE 8, 2024

The quarterly meeting of the Wisconsin Nets Association, Ltd. was called to order by NX9K at 12:25 PM on 7268 KHz.

Roll: Chair: NX9K, Secretary: KB9ROB, Treasurer: N9VC, Members-at-Large: WD9FLJ, KA9BAE SM: KC9FXE, STM: K9LGU, ASTM: N9VC.

BWN: AG9G - DELEGATE

BEN: NX9K/NM

WSBN: AG9G/NM

WSSN: KB9ROB/NM -

WIN/E: WB9ICH/NM -

WIN/L: W9RTP/NM -

WARES HF: WB9WKO/NM

WARES VHF: NONE

WARES DIGITAL: NONE

VISITORS: K9OT, WJ9L

KB9ROB: Minutes from the meeting of 03-02-24. Motion to approve minutes as published (K9LGU, N9VC) Carried.

NX9K, Chair - The next WNA Meeting will be held on SEP 7, 2024, after the BEN.

Secretary's Report – KB9ROB – No correspondence to report since last meeting.

N9VC: Treasurer's Report N9VC– Balance \$350 dollars. No expenditures. From here on out, filling incorporation forms each fall will strictly be done by email notification from the state. (WB9ICH, AG9G) Accepted.

KC9FXE: Section Manager Report: – First off, I would like to express my sincere appreciation for our net management team and all those who participate in the nets. Thank you for making us look as good as we are! That said, it really is a small team of amateurs who get this work done. So, remember to keep your workload to a manageable level and take a break if you need to. There's nothing wrong with that.

Step up and help each other out; generate some traffic of your own; take on some new or different tasks; learn new skills; identify and recruit new net participants and get them involved. The future of our nets depends on all of these things. And most importantly, make sure the hobby stays enjoyable for you.

K9LGU: Section Traffic Manager Report – STM Report - TEN REMINDERS FOR SENDING NUMBERS BY VOICE

1. Preface the voicing of numbers by the word, “figures,” then say each figure individually.
2. Group telephone numbers – area code, exchange, last four with pauses between groups. No need to introduce each group once it's introduced as a phone number.
3. Spell out ARL numbered radiograms.
4. When a position in the preamble such as the check or date calls for a number, there's no need to introduce it with “figures” or prowords like “the check is.”
5. Don't confuse the figure zero with the letter O.
6. As you voice the text, use pauses to help the receiver separate groups.
7. Numbers in the text are voiced the same with NTS or ICS213 messages, but the format for numbers for dates can be before or after the month – typically ICS before and NTS after but they don't need a proword. They both usually omit the year.
8. If a mixed group begins with a number, it's introduced with the prowords “mixed group figures.”
9. For numbers within a group, each figure is NOT introduced because that would mean it's a new group.
10. The figures 73 are treated as a single group. It stands alone in a text and is counted in the check. The figures are NOT followed with the letter S.

N9VC : ASTM Report: N9VC and NX9K are taking break from all their extensive traffic work. They will still route traffic for others and the board will function as normal. Any problems will be addressed as they surface. Note that KC9FXE leads by example. I want to thank Jason, KC9FXE, for covering 9RN daytime for Ron. He took the time to help and it is appreciated.

N9VC : Digital report. The board is running very well. **30,487** messages were handled in the last six months.

BWN Report – AG9G – DELEGATE – The last 3 months had 92 sessions despite the band conditions. Good net controls and relay station help. Avg 35-36 check-ins, down a little. 53-55 messages per net avg.105 min per net.

BEN Report – NX9K/NM – Totals (Mar Apr May) stations 964, tfc 1048, time 1577 minutes in 92 sessions – Year-to-date totals: stations 1686, traffic 1712, time 2615 minutes in 152 sessions.

WSBN Report –AG9G /NM

As we all know the sun has been playing havoc with the nets and the WSBN has not been spared. Thanks to all the WSBN members and friends for being patient as we try to work around the band conditions. The conditions make for a lot of work for the Net Control Stations to run the net but with stations helping with relays we are able to get most participants checked in and any traffic handled. Thanks to all the NCS for doing what they can to keep the net functioning during these times. Special thanks to NX9K, N9VC, K9LGU, W9RNA and others with assisting with relays. Amazingly we recorded a net session every day although a couple of them only had a QNI of one which was the net control.

Since the WSBN is a traffic net thanks to all who are willing to bring and handle traffic. WJ9L and WB9WKO are our heavy haulers as they bring the traffic destined for Wisconsin to the WSBN. They usually receive this traffic on the BEN from N9VC who along with K9LGU are usually the Sideband reps on Late WIN. If the traffic is not handled on the BEN it is then presented on the WSBN. This is all part of the NTS cycle that runs each day.

Thanks to all the NCS who are willing to swap nets and help each other out. With summer comes vacations and other events which require some changes to the normal schedule and I appreciate all who are willing to help out.

Here are our numbers for the last 3 months. With the band conditions as such there was a drop of over 100 checkins between March and May but the amount of traffic handled pretty much stayed the same.

The 3 month totals since the last WNA meeting follows

QNI 1368 /per day 15
QTC 868 / per day 9
QTR 2034 minutes /per day 22 mins
Sessions 92

Thanks again to all the NCS and participants for sticking with the net even though the band has not been good to us.

Dwight AG9G.

WSSN Report – KB9ROB/NM –

Net meets daily at 6pm local time. Severe propagation conditions and weather has reduced check-in's and traffic. Relays are often needed. The last few days before this report has seen a few of the regular stations returning to the net.

May monthly report as follows:

Check in 123, Traffic 60, Time 380 minutes in 31 session

WIN/E Report WB9ICH/NM - Traffic has dropped off a little. Thanks to the net controls. Conditions challenging. NM will be on net more often during the summer.

WIN/L Report – W9RTP/NM -

Net on 3555 KHz every night. Duration on average 5 minutes depending on traffic. We have liaisons that cover duties of bringing traffic to the net from 9RN/LATE. Also liaisons will pick up and take traffic to the voice nets the next day.

NET Control Line-up

Sun AG9G
Mon K9LGU
Tues KC9UC
Wed N9VC
Thur N9VC
Fri W9RTP
Sat W9RTP

We cover for each other during absences. Check-ins and traffic is down a little for May. Month of May saw check-ins 165, traffic 168, time 277 minutes.

Comments heard at Dayton was Wisconsin is a leader in traffic and net activity. The Wisconsin infrastructure is a sound one.

ARES/RACES HF Net – WB9WKO/NM – Net meets each Sunday on 3967 at 8 AM. All are welcome. May saw 45 check ins, 13 pieces of tfc, 112 minutes in 4 meetings. Year-to-date shows 329 checkins, 82 messages, in 719 minutes on 21 Sundays.

ARES/RACES VHF Net – NO REPORT
WARES/RACES DIGITAL Net – NO REPORT

OLD BUSINESS – NONE
NEW BUSINESS – Please fix the propagation.

ADJOURNMENT – (KC9FXE, KB9ROB) Carried. Meeting adjourned at 1:02 PM .
Dean Herriges KB9ROB

Section Youth Coordinator Report

From Etienne Robitaille, K9ZN, Section Youth Coordinator:

Dayton

After a year of waiting, the time has come and past for Dayton. Although this is my third time attending, I still find plenty of enjoyment in attending. With this, however, it allows me to check in with other kids around the country from different clubs and with the ARRL. Each Dayton, a youth rally (hosted by the ARRL and sponsored by various different clubs) bring on youth presenters.

Cameron Frey; KD9VGV - One of Wisconsin's own, he was the first to present in the forum. His presentation, after an impressive briefing of his former ham radio knowledge, was primarily about satellites. In his presentation, he discussed satellite equipment and the exchange. He also talked briefly on the Wisconsin QSO party and his experiences with it.

Bri Wall; KO4NLR - This presentation I found to be particularly interesting, which showed into the detail of creating her own ham radio club. She ran her club through the 4H and showed her process to get funding for club equipment. Along with this, she also showed the outreach events her club does to try to recruit other kids into her club.

Ian Alkema; KI8AN - This presentation really showed how you can integrate nature into beauty. Ian's presentation revolved around POTA and the different aspects of it. Along with some of the basic information required for POTA such as the different equipment needed and the basic guidelines of it, but more so on the different experiences he had with POTA and the beautiful parks he attended.

Katherine Campbell and Elizabeth Campbell, respectively; KE8LQR and KE8TYU - Talked about the development of their club station, from its infancy to its current state — a tower along with a developed station, along with some of the progression their club has gone through for outreach programs.

Anderson Ray; K4RAY - Presented all the different aspects of YOTA. His presentation Showed why YOTA is necessary, explained some of the benefits, showed some data on how it benefits operating skills, comfortability with being on-air, along with various things that eases people into the ham radio community.

Overall, I have found that this event in particular at Dayton, is not direct youth outreach but promotes the fundamental idea showing that kids have the same capabilities as adults. This is a really healthy event for amateur radio and is thankfully well-recognized and sponsored within the amateur radio community.

Field Day - GOTA and Youth

Field Day is coming up shortly, and it's important to understand how GOTA stations can positively affect your score and how to use them effectively.

Before going into specific rules, it's best to explain what a GOTA station is and why it is effective. GOTA stations are for newly licensed amateur radio operators, inactive amateur radio operators, or unlicensed operators to get back onto the radio or experience amateur radio for the first time (GOTA simply stands for Get On The Air).

- GOTA stations regardless of mode are worth 5 bonus points per contacts but are not multiplied by the power multiplier.
- If a GOTA station is supervised by a “GOTA Coach,” or a supervisor assisting with helping making contacts. If 10 contacts must have the designated coach present and supervising, a single 100-point bonus will be added to the total score.
- See rules 7.3.13.1 - 7.3.13.2.2 for more specific information.

Along with this, clubs/operating groups can get bonus points for youth participation in their group. For every youth who makes a contact on the radio, a 20-point bonus will be earned by their group, with a total maximum of 100 points (5 kids). See rules 7.3.15.1 and 7.3.15.2 for more specific information. Field day rules can be viewed at <https://www.arrl.org/field-day-rules>. Having youth at field day is so fundamental for growing the hobby, as their participation helps secure the future of our hobby. Field Day is a great way to engage youth for the first time with ham radio, showing how enjoyable it can truly be to get out on the air, especially with all the different modes accessible for making contacts.

Contact Me:

Please email me at et.k9zn@icloud.com if you have any questions or issues about my Section Youth Coordinator work. Response times can range from an hour to a day.

Member Contributions

ELMER

by Rich Regent, K9GDF



Amateur Radio Build Project Sparks Business Idea!

By: Carol Young, W9PIO

Ever hear the saying: “Why not love what you do”? Well, that is exactly what happened to me. As the Public Information Officer for our local Waupaca County ARES/RACES group, I routinely

schedule build project days for our group. Sometimes we build antennas, other times we build other ideas that our group recommends. Usually, we hold a build day every other month at Sabertooth Enterprises in Waupaca, WI. Our build projects and dates can be found on our website: <https://www.waupacacountyareswi.org/build-projects>

At the last build project, we built two 40M and two 20M bandpass filters for our upcoming June 2024 Field Day to help reduce unwanted signal interference. This was a fun build for me. After seeing how well the bandpass filters performed and thinking about how these bandpass filters could help other hams at Field Days or Parks-on-the-Air, I explored the opportunity of putting something I enjoyed doing into a small business plan. It did not take too long from April to May for the idea to expand into C3 Electronics LLC in Weyauwega, WI, by W9PIO, Carol Young. By the end of May, 26 bandpass filters were built and ready for sale. On top of that, the bandpass filters highest standing wave ratio (SWR) was a 2.1. Most of the SWRs ranged between 1.04 to 2.1 and had insertion losses of 0.42 to 2.4. The bandpass filters built included: 15M, 17M, 20M, 40M, 60M, and 80M. Before my first Hamfest on June 1st, I already sold three bandpass filters by word-of-mouth advertising only.



At the Green Bay Mike & Key Club Hamfest, I discovered that there was a market for bandpass filters from hams that stopped by. Several hams stopped by my booth and saw firsthand the performance specifications that the filters displayed on a Nano VNA. My sales were very good for attending my first Hamfest and the exposure of my product was phenomenal. Some hams even asked me to build other product ideas that they would like to see for sale at Hamfests.

Although amateur radio provides several facets for hams to enjoy, build projects and Hamfests can help groups explore, grow, and build ideas and camaraderie between hams....it can even spark a new business idea!

73,

Carol Young, W9PIO (920) 915-8960
Waupaca County ARES PIO (w9pio2024@gmail.com)
C3 Electronics, LLC – Owner (c3electronics24@gmail.com)

In Memoriam

We have been made aware of the following members who have become silent keys since the last publication.

- Chuck Merten, W9CHD, of Waukesha – [view obituary](#)
- Mike Behlen, WD9FQW, of Grafton – [view obituary](#)

On behalf of the Wisconsin Section, our condolences go out to the family and friends of our fellow hams who have passed. May they all rest in peace.

If you become aware of a silent key, from our section, please contact the [Section Manager](#) or Assistant Section Manager, [Tom Czaja, KG9EE](#) with the details.

Upcoming Fests and Conventions

July 6, 2024 – South Milwaukee ARC Hamfest

Location: South Milwaukee, WI

Sponsor: South Milwaukee ARC WI9SM

Website: www.wi9sm.org

August 3, 2024 – Central Division Convention

Location: Elkhart, IN

Sponsor: Central Division

Website: <https://elkharteasthamfest.com/convention.html>

August 10, 2024 – CVARC 2024 Hamfest

Location: Chippewa Falls, WI

Sponsor: Chippewa Valley Amateur Radio Club

Website: <https://w9cva.org/hamfest>

August 10, 2024 – Racine Megacycle Club Freefest

Location: Racine, WI

Sponsor: W9UDU

Website: <http://w9udu.org/>

August 24, 2024 – Circus City Swapfest

Location: Baraboo, WI

Sponsor: Yello Thunder Amateur Radio Club

Website: <http://yellowthunder.org>

September 7, 2024 – ORC Annual Regional Fall Swapfest

Location: Cedarburg, WI

Sponsor: Ozaukee Radio Club

Website: <http://www.OzaukeeRadioClub.org>

September 20-21, 2024 – HRO Superfest

Location: Milwaukee, WI

Sponsor: Ham Radio Outlet

Website: Not Provided

October 19, 2024 – Hidden Valley ARC 1st Annual Hamfest

Location: Lancaster, WI

Sponsor: Hidden Valley Amateur Radion Club

Website: Not Provided

November 2, 2024 – ARES Conference / State Convention

Location: Wisconsin Rapids, WI

Sponsor: Numerous
Website: <https://wi-arrrl.org/events/>

March 16, 2025 – Tri County WI Hamfest

Location: Fort Atkinson, WI
Sponsor: Tri-County Amateur Radio Club
Website: <https://www.W9MQB.org>

*** See these items and additional Section information on the [ARRL WI Section website](#). ***

ARRL Wisconsin Section
Section Manager: Jason Spetz, KC9FXE
kc9fxe@arrrl.org

WISCONSIN SECTION MONTHLY NET ACTIVITY MAY 2024

NET	QNI CHECK- INS	QTC TRAFFIC	QTR TIME	SSNS SESSIONS	NM
BWN	1077	1468	3180	31	K9LUK
BEN	260	331	426	31	NX9K
WSBN	386	255	617	31	AG9G
WSSN	123	60	380	31	KB9ROB
WIN/E	134	259	317	31	WB9ICH
WIN/L	165	160	277	31	W9RTP
WI ARES/RACES HF	45	13	112	4	WB9WKO
WI ARES/RACES VHF	37	0	80	1	KA9KJE
WI ARES/RACES DIGITAL	229	1834	5760	4	KB9MMC
totals	2456	4380	11149	195	

**WISCONSIN SECTION
P S H R SUMMARY MAY 2024**

POSSIBLE POINTS >	40 nets	40 tfc	30 appt	5 /hr. sked events	5 /hr. emrg events	10ea bbs/ web pg	
	1	2	3	4	5	6	T
K9LGU	40	40	30	30	25	0	165
AG9G	40	40	30	25	0	0	135
N9VC	40	40	30	275	0	20	405
NX9K	40	40	20	0	0	0	100
KB9GO	40	40	10	0	0	0	90
WB9WKO	40	40	30	25	0	0	135
KC9FXE	40	40	20	35	15	10	160
KC9UC	40	40	10	0	0	0	90

WISCONSIN SECTION
STATION ACTIVITY SUMMARY May 2024

STATION	ORIG	RCVD	SENT	DLVD	ATT	TOTAL
NX9K	680	362	1469	1	0	2512-BPL
WB9WKO	0	363	317	7	0	687-BPL
N9CK	0	341	310	0	0	651-BPL
N9VC	0	480	62	0	0	542-BPL
AG9G	0	311	162	1	0	474
KB9GO	0	296	128	0	0	424
KC9UC	0	89	123	0	0	212
WJ9L	1	95	74	22	0	192
KC9FXE	0	38	67	10	0	115
K9LGU	0	48	52	0	0	100
KB9ROB	0	42	16	16	0	74
KA9BAE	2	18	19	2	0	41
W9RTP	4	25	4	1	0	34
WB9ICH	0	26	2	0	0	28
W9RNA	0	8	2	7	2	19
KA9KJE	2	6	2	0	0	10