

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

March 2023
Volume 24
Issue 3

What can you do to
inspire the next
generation of
amateur radio
operators?

(See this edition for
inspiration!)

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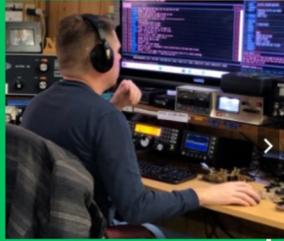
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And much more!

Hamming It Up With the Editor



March is here! I have to admit that I am happy that February is over. And the new edition of the HamNews is here!

Highlights for March

Terry K9FMX kicks off this edition with a story about meeting a student, sharing the story of Morse code, and inspiring a young person. What could you do to inspire a young person to become a ham operator?

Tom KU8T provides a monthly update on the Little Red Barn Net and its upcoming events. It sounds like everyone continues to enjoy the net.

Larry KB9OS writes about several upcoming opportunities for special event stations in the summer months. Watch for more details about these in the next few months.

Chris W9TSB shares information about the upcoming ACARTS dinner out at Applebee's, which includes a club meeting and elections for club officers.

Carl K9LA discusses the impact that location have on DXing. (In response to Carl's closing question, PEI isn't a bad operating location!)

Steve W9SAN tells the tale of the first foxhunt of 2023! Join the next quest to find the fox on March 5th!

N8KR reports that he operated as W1AW/4 at Hamcation in Orlando. I hear that the weather wasn't bad down in Florida!

Finally, Ed WA9BBN provides an overview of local SKCC participation for the month of February.

Wrapping up

While February provided to be a very full month, I was able to work VR2CO (in Hong Kong) during the recent ARRL DX CW Contest. Hong Kong is a country that I have heard on the air multiple times over the past 20 years and finally checked it off my list. (Let's not talk about Bouvet. I need a drink before that conversation starts.)

73,

Josh W9HT

ALLEN COUNTY HAMNEWS

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

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

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

Interviewed by a 2nd Grader

It all started with a communication sent out to the directors of the Fort Wayne Radio Club. A local elementary educator had reached out to the club to initiate a contact with someone knowledgeable about Morse code. The purpose of that contact was to aid a young student in his "Passion Project." A library book about various types of codes had generated a fascination with the subject in general and Morse code more specifically.



Having enjoyed taking part in promotion amateur radio to Boy Scout groups, a local 4th grade class, and numerous young people at Field Day over the year, it sounded like something I should do. So, after some minor scheduling delays, I met this teacher and her young student at a nearby school on the morning of February 21st. I was first intimidated, then pleased to see the

school's security procedures in action, giving my "who and why" before the electrical door lock allowed me entry.

The teacher came out to meet me and took me to the school's library where I was seated while she brought the young man from his regular classroom to meet me. This was one case where a first impression was pretty much "right on," as I quickly learned that I had met a lad who is both smart and curious in the best of ways. He was ready for me with a list of interview questions numbering over a dozen. Those questions were a springboard which launched the three of us into a conversation which lasted a bit over an hour. His teacher took notes, which allowed him to concentrate on his question list and even add a few tangential ones along the way.

From the early to mid-1800s advent of wired electrical telegraphy to the 21st century QRP CW amateur radio, we covered the who, what, why, and where, with this young fellow showing both an interest and an attention span which rivaled my grandsons when they were in their teens. After a very brief demo, he used a code practice oscillator to tap out his name and grinned when I told him how accurately he had done so. (Seriously, I've heard worse on the air!) When my

HT received a repeater ID, he learned about an everyday modern use for Morse code.

We finished the question list and the allotted time was expiring, but not before a shameless plug for amateur radio was interjected in the conversation. A curious smile resulted from the information that elementary school students have amateur radio licenses. It wasn't too early in the year to plant that seed!

Both teacher and student thanked me for coming, but they didn't have any idea how much my visit there had done for me. I thought as I drove home that the future of all human endeavors rests in our young and my morning had given me a nice dose of hope, meeting a teacher who is doing such a good job of expanding a young mind beyond the classroom subjects and meeting the lad who is benefitting from her efforts. I would urge anyone who has an opportunity to have an interaction like this one to grab hold of it. If you do, I hope that you have as much fun as I did.

73,

Terry Bowman, K9FMX



LITTLE RED BARN NET

Center Rd. Always a great time to eat and socialize with friends, we had 17 and 14 present..

Next Dates would be 3/2/2023, 3/16/2023, 3/30/2023 ... at 11:30am on each date.

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

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



Net Control Operators are: Monday KU8T Tom, Tuesday K9FW Al one round Net, Wednesday KD9HAV Norm, Thursday W9GT Jack, and Friday K9SKS Steve.

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

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

Also we have at lrbn@groups.io | Home , and will need to sign up, this is where we vote for the next lunch. Let me know if you need help .



Also, Net Controls use Netlogger you may download the program at [Download Center \(netlogger.org\)](http://netlogger.org). Also, for smart phone's there is Net Scraper, on the Android go to Play Store, and on iPhone go to App Store. and download this app.

73,

KU8T Tom

We had two lunches this month on 2/2/2023 at the Rack & Helens in New Haven and 2/16/2023 at Salvatore's North on Washington



The Northeastern Indiana Amateur Radio Association

AUBURN HAMFEST

New Date! **Saturday, July 29, 2023**

Auburn Cord Duesenberg Museum
1600 S. Wayne St. Auburn, IN 46706

OPEN 9 AM TO 2 PM • TALK-IN: 147.015 (141.3) 7:00 AM • LOAD-IN: 7 TO 9 AM

FREE Admission

6,000 SQ. FT. INDOOR DISPLAY SPACE (Not counting the huge Museum Area!)



FREE AUBURN CORD DUESENBERG Museum

View an amazing collection of classic motor vehicles.

FREE Parking

Supervised by the DeKalb County ARES Team.

NEW this year—FOOD VENDOR on the parking lot.

NEED MORE INFO?
E-MAIL: W9OU@ARRL.NET

Indoor Vendor Tables: \$10 ea.
Order online now at www.w9ou.org

Outdoor Sales - One raffle ticket purchase for each parking space.

Contact: W9OU@ARRL.NET

Raffle Prizes:

- 1st-** Xiegu G90 HF Radio with Base
- 2nd-** Yaesu FT-70DR with Mag Mount Ant.
- 3rd-** N3FJP Logging software—Full Reg.
- 4th-** \$50.00 DX Engineering Gift Cert.

Ticket Prices \$5.00 - Buy 2, get 1 Free!

Complete and return
this form to reserve a
table at the 2023 Au-
burn Hamfest!



NIARA
PO Box 145
Auburn, IN 46706

Name _____

Business Name (if you have one) _____

Amateur Radio Call Sign (if you have one) _____

Street Address _____

Apartment, Suite, etc. _____

City _____

State: _____ Zip Code _____

Phone: _____

Email Address _____

Number of tables to reserve (\$10 each) _____

Do you need electricity? _____

Notes (Additional information we need to know) _____

Amount Enclosed: _____

Hamsplatter

Fort Wayne Radio Club

P.O. Box 15127, Fort Wayne, IN



There may be two opportunities to have a special event station this year, referencing to the International Harvester homecoming in August 2023.

The first opportunity might be at the engineering building at 2911 Meyer Rd which was the largest engineering facility in all of North America at one time.

The second opportunity may occur the last week of August at Shoaff Park on the north side of Fort Wayne. This is the Volkswagen Car Show. Yes, believe it or not, Volkswagen has purchased International now. For the first time the Old Fort VW club is opening up the car show for International Harvester Scouts this year. (By the way, the president of the VW Club is a ham too.)

I would appreciate any input in referencing to the special event station that we may activate.

See you at an upcoming FWRC meeting or event!

TNX ES 73 DE KB9OS

Next FWRC Meeting

Friday, March 10th

6:30pm

Good Shepherd UMC

FWRC Officers 2023

President

Larry Temenoff, KB9OS
Temenoff(at)pfw.edu

Vice President

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

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(260) 637-1989
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w9san(at)arrl.net

Carla Barrett, KD9ITZ

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

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



FEBRUARY AUCTION

2023



Allen County HamNews



From the editor:

If you were unable to attend this year's February FWRC ham gear auction, you missed out on a lot of fun and some outstanding deals.

A special thank you to everyone who made this event possible! I am looking forward to it again next year.

(Apparently the editor is looking up prices during the auction in this photo!)

State of the Arts

Allen County Amateur Radio Technical Society

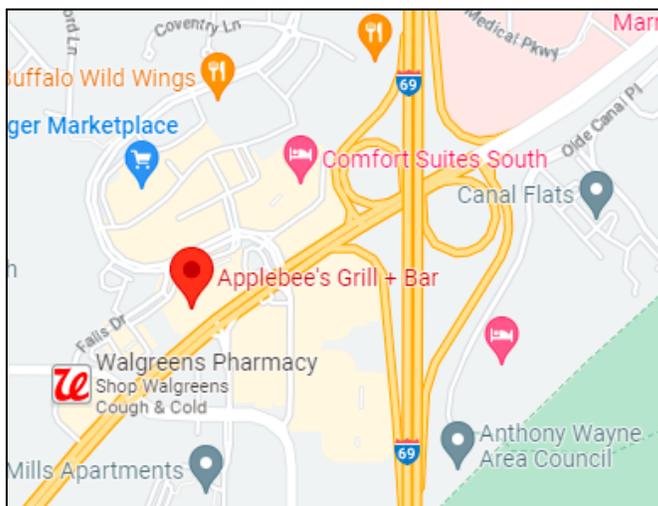
P.O. Box 10342, Fort Wayne, IN



Hello everyone!

We've had some crazy weather as of late!

We did not have any meetings last month (February) as we have had some scheduling issues.



Our **March 14th meeting** will be at the Applebee's at Coventry at 7:00pm. We will be holding club elections at that time as well. Everyone is welcome to attend, but all attendees will be responsible for their own bill.

Thank you, all!

73,

Chris McCullough, W9TSB



ACARTS Officers 2023

President

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

Vice President

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

Secretary (open)

Treasurer

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

Station Manager

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

Fundraising Manager

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

Directors at Large

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

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260-704-5353
k9sks(at)aol.com

Dan Dahms N9WNH
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n9wnh(at)arrl.net

W9INX Trustee

Dave Lindquist W9LKH
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w9lkh(at)comcast.net



Advantageous QTHs

By Carl Luetzelschwab, K9LA

I would guess that the phrase “location, location, location”, which comes from the real estate industry, is well known and means that identical homes can increase or decrease in value depending on where they are.

If you’re an active DX’er or contester, you’re aware that “location, location, location” also applies to where your station is. Some well-known examples of advantageous locations are the East Coast having an advantage to Europe (with all its countries) and the West Coast having an advantage to Japan (this doesn’t appear to be as big as it used to be in the 1970s when there was a significantly higher population of JA’s).

There’s an-

other more subtle example of this issue – the operation of T88WA in November 2022. T88WA, in Palau at 8.5°N/138°E, was working W5’s and W4’s around 2230 UTC on November 7 on 10-meter SSB. They were spotted, but I didn’t hear anything from them – not even a whisper.

To try to understand why the more southern stations could work T88WA and why I couldn’t, I went to <https://prop.kc2g.com/>. This is an F2 region MUF (maximum useable frequency) map of the world on a given day and at a given time. KC2G downloads ionosonde data, and that’s what the numbers in the dots are – the F2 region MUF for a 3000 km hop assuming the ionosonde is at the midpoint of the hop. Constant MUF contour lines are also added based on our historical knowledge of the F2 region. After downloading the map for November 7 at 2230 UTC, I added great circle routes from T88WA to both K9LA (in red) and to W5 (Dallas – in blue).

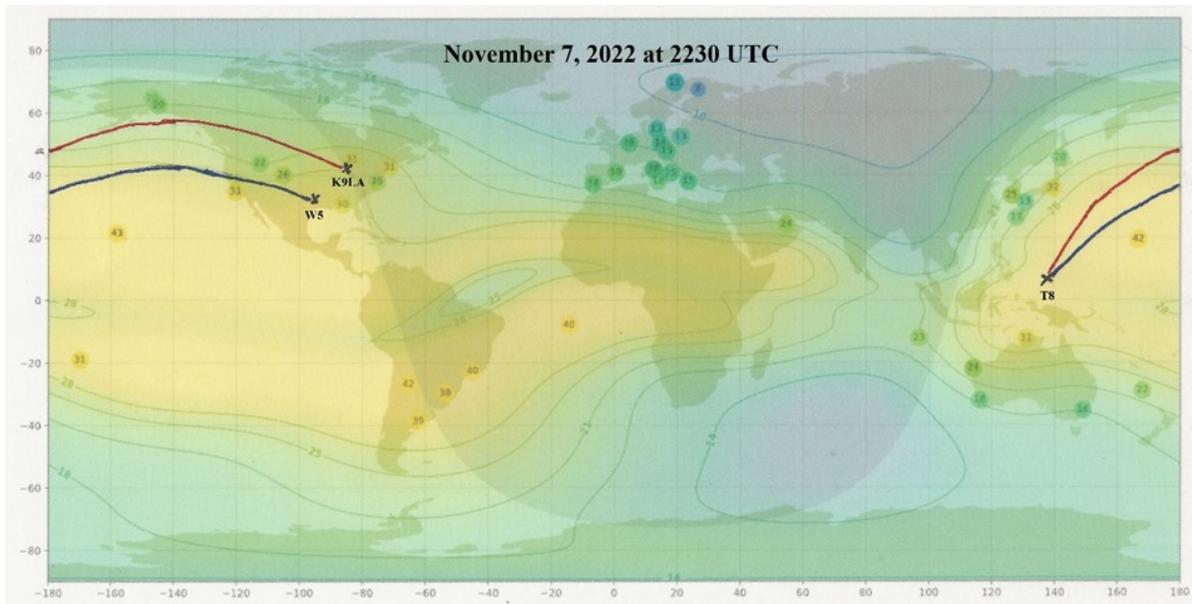
Checking the MUF along the

T88WA-to-K9LA path shows the MUF to be greater than 28 MHz on the T8 end, but then the MUF decreases to the 20’s at the highest latitude and stays below 28 MHz into K9LA. I realize that the numbers in the dots on the map may be tough to read due to the small size.

Checking the MUF along the T88WA-to-W5 path shows the MUF to be greater than 28 MHz along the entire path.

It shouldn’t be a surprise that higher latitude paths have less ionization (hence lower MUFs) than lower latitude paths. The reason is the equatorial ionosphere is the most robust portion of the worldwide ionosphere. As you move north or south from the equatorial region, the ionosphere is weaker with lower MUFs.

Can you do anything to mitigate this issue? I see three solutions: stay where you are and grin and bear it, use remote stations or move farther south! And a final question – can you think of any other advantageous locations?





FOXHUNT CHRONICLES

February 2023

For the first Fox Hunt of the 2023 hunting season, mother nature granted us some pretty nice weather for the first Sunday in the month of February. The winning hunters from the last hunt of 2022 were assembled at their chosen spot in the parking lot of the Leo Cedarville Park on state road 1. The park is a nice hiding location since it has many trees, a large pavilion near the road and a children's play 'castle' in the center of the park. It was here that Foxes Linda, W9LAN, Steve, W9SAN, and their grandson, Alex, chose to park their high powered fox. Alex was given the task of hiding the micro fox and he did so behind a slat of the wooden play castle.

Down at the starting location near the Cobin park greenway trail-head, there were 4 teams assembled in an attempt to find the wily fox. Veteran hunters Carole, WB9RUS, and hubby Al, WB9SSE, were there along with Charles, KC9MUT, and friend Angie. Two teams of newbies showed up to hunt as well. They were ACARTS president, Chris, W9TSB, and friend Tim, KD9DPA. Coming all the way from south of Warsaw, IN, were new hunters Greg, KC9GAS, and Bryan, KD9DPA. Greg and Bryan had even built their own tape measure yagis the night before! With four teams, this promised to be a good exercise for all.

At 1:30 pm ET the Foxes started transmitting. Too bad they were on the input to the 76 repeater! This mistake was quickly recognized and they switched to the fox frequency of 146.430 MHZ. The foxes had a Honda Odyssey with a Yaesu FT-1900 transceiver putting out 50 watts on high power to a 10 element Diamond

2 meter yagi horizontally polarized on the roof of Linda's car. Using Google Maps we had calculated the bearing to the start location at 200 degrees. Charles heard the fox, and although the other teams were having some issues, he directed them to drive northeast and the hunt was on!

Daughter Courtney, who had posted an Facebook video before the foxes had left their house, was home listening on the fox frequency while working on her Lucky Duck baby sale. After the hunt, she told us we sounded off in left field! Indeed, we started talking about Alex's trip to Colorado and his visit to a Wolf rescue park. So the conversation moved from various details about the park and the different wolfs that they were working to rescue and preserve.

Meanwhile, the hunters kept moving closer to Leo. Charles and Angie ended up on the east side of the St Joseph River and even started hearing the micro fox! At that point they were less than a mile away. Al and Carole were following Charles and Angie and also were getting good signals and bearings. Having some difficulties were the two new teams. The lack of good attenuation gear was the main problem, as they discovered that they could not get good bearings with the signal strength too high to obtain a bearing. To make matters worse, the foxes mistakenly thought that they didn't have signals that were strong enough, so they kept the power cranked up!! This only made it worse!

About 20 minutes after 2:00, Charles rolled into the site followed closely by Al and Carole. At this point, we started giving explicit clues to the other teams out there. Charles found the micro fox pretty quickly and Al was only a few minutes behind. After several more minutes Chris showed up. We then called the remaining team and helped them to the location as after all they were not from Allen County. With all teams on the ground, we proceeded to help out the newbies with localizing the micro fox. I provided the Warsaw team with my yagi and offset attenuator and showed them how it worked.

Once the micro fox had been found, we all talked about the hunt and our experiences and the different equipment we used. Then everyone (except the fox team) left to go and eat at Culvers on DuPont Road.

Fox Hunting is not only a lot of fun, it does have practical applications. These might include hunting down interference sources, bootleggers on our frequencies, downed aircraft emergency beacons, stuck microphones, Chinese spy balloons, stolen police radios, and many others. The Fort Wayne Radio Club would like to increase the cooperative and learning aspect of the sport while keeping the scoring system. Simply winning should not be the only goal here! Helping hams improve while having a good time is what this hobby and service is all about. Why not come out and learn from the experienced operators and become part of the Fort Wayne Radio Club Fox Hunt Team.

Some of the newbies asked about the offset attenuators that we used. A good source of information is the HOMINGIN website. The link to the Homingin offset circuit is: <http://homingin.com/joek0ov/offatten.html>

For ready made offset attenuators, the folks at Arrow Antenna make one. Find it at: <https://www.arrowantennas.com/main/4ofha.html>

If you have questions on Fox Hunting or any of the equipment feel free to contact me at w9san (at) arrl.net or any of the Fox Hunters in the club.

See you at the next hunt on March 5th, 2023 at 1:30 pm ET.

73, Steve, W9SAN



**HIGHLIGHTS FROM
THE FEBRUARY
2023 FOXHUNT**



Foxhunt Dates for 2023	
	3/5
	4/2
	5/7
	6/4
	7/9
	8/6
	9/17
	10/8
	11/5
Join in on the fun!	

Operating W1AW/4 de N8KR

Hamcation, the large hamfest in Orlando, was again full of manufacturers, vendors, clubs, and ARRL! Each year a special event station is set up operating as W1AW/4. Individuals present can sign up for a ½ hour time block and operate the station. Most of the time the station was on sideband but I managed to plug in a straight key for my block of time and not only operate W1AW/4 on cw BUT able to pass out the ARRL's W1AW SKCC number: 6707T. The half hour went quickly but long enough to log 18 stations. It happens that Hamcation falls on the February Weekend Sprint-a-thon so there were many stations to work!



My drive back from Hamcation to Bradenton took nearly 2.5 hours . . . a great time to put the 20 meter hamstick on the car and operate some cw mobile. Since WES was still happening, there were many stations on the air. Calling CQ netted me nearly 30 stations while driving. The first station was from Australia. Shortly after that I worked a station from Spain followed by several west coast stations. I was pleased to also have Steve – AC9XS call along with Rose – KA9GKE. Operating mobile CW is great for *head copy!* It also helps move the time along. I can't say enough about the effectiveness of Hamsticks! FUN!

73 de Ken, N8KR



February 2023

New members:

KC9YY Dave

Operating activities during the month

For the Weekend Sprintathon (WES) Feb. 11 & 12. The following operators participated. QSO count is shown.

February's theme for the WES was "Boat Anchors" where ops using tube rigs would send the total number of tubes used and that number would be the bonus points for the ops they contacted.

- AC9XS 163
- WA9BBN 136
- KA9GKE 63
- N9DGL 40
- N9FGP 40
- W9HT 26
- W9GOO 17

For the Two Hour Straight Key Sprint (SKS) on Tuesday evening, Feb. 21, 7-9 PM local. The following operators participated. QSO count is shown.

- NJ0U 44
- AC9XS 30
- W9HT 26
- WA9BBN 22
- KR9U 20

- N9DGL
- K9FMX
- W9GOO
- KA9GKE

Looking back at K3Y

January was an active month for many local SKCC members with the annual month long K3Y event. World wide a total of 52,704 QSOs were made by 237 K3Y operators.

The following local members operated as K3Y/9 ops during the January Straight Key Month:

- NJ0U - 634 QSO's
- W9TE - 514 QSO's
- W9HT - 147 QSO's
- WA9BBN - 68 QSO's
- W9LW - 50 QSO's
- AC9XS - 47 QSO's

- 18 KR9U - 23 QSO's
- 15 The following are local area SKCC members who participated in the
- 15 K3Y Straight Key Month event.
- 11 KR9U, NJ0U, W9GOO, W9HT, WA9BBN, KA9GKE, WB9EAO, W9LW, N9DGL, AC9XS, W9SA, N8KR (Florida), WG9K (Florida), K9FW, KU8T, N9ZI, W0NW, W9GT, K9LA, N9SE, KB9QG, N9EDL

The following grid shows the number of QSOs per K3Y area and band.

73,

Ed, WA9BBN

Summary

K3Y station	160m	80m	40m	30m	20m	17m	15m	12m	10m	6m	Total
K3Y/0	45	160	528	397	709	320	270	222	171	2	2824
K3Y/1	70	348	1231	520	745	422	469	243	274	4	4326
K3Y/2	67	415	849	352	608	334	251	135	172	0	3183
K3Y/3	31	550	1185	316	680	230	387	94	274	0	3747
K3Y/4	68	657	1663	809	1250	373	407	126	145	2	5500
K3Y/5	34	321	836	290	864	400	558	176	247	0	3726
K3Y/6	6	119	321	154	429	324	408	155	224	0	2140
K3Y/7	1	251	471	426	1076	437	632	375	625	0	4294
K3Y/8	77	532	1038	390	801	108	199	57	81	1	3284
K3Y/9	100	478	954	320	729	280	263	125	131	5	3385
K3Y/KH6	7	64	187	155	221	142	204	202	253	0	1435
K3Y/KL7	0	1	41	99	169	235	336	159	257	6	1303
K3Y/KP4	0	119	500	192	466	315	229	179	315	2	2317
K3Y-AF	0	0	12	4	133	50	67	38	207	0	511
K3Y-AS	0	2	99	11	53	144	312	84	193	0	898
K3Y-EU	5	59	358	210	944	568	949	468	810	2	4373
K3Y-NA	43	213	448	187	409	219	297	243	226	0	2285
K3Y-OC	31	46	371	259	817	99	315	112	421	4	2475
K3Y-SA	0	1	48	2	127	12	147	79	282	0	698

RADIO SPORT for March

2023

**4-5
MAR**

**ARRL International
DX Contest, SSB**

**SKCC Weekend
Sprintathon**

**11-12
MAR**

**18-19
MAR**

**Russian DX
Contest**

**CQ WW WPX
Contest, SSB**

**25-26
MAR**



HAMFEST 2012

**TOLEDO MOBILE
RADIO ASSOCIATION**

**Toledo Radio/Computer/
Electronics Hamfest**

March 18th 8:00 am - 2:00 pm

Same Location as 2010 and 2011



Owens Community College – Student Health and Activity Center
30335 Oregon Road
Perrysburg, OH 43551

GPS N 41° 35.575' W 83° 32.051'
Talk-in: 147.27+ (W8HHF - 103.5PL)

This Huge Hamfest is Indoors and Security is Provided!
On Campus Parking is Free and Close to the Hamfest!

Tables are \$20.00 (floor) \$25.00 (wall) All tickets are \$6.00

**INFORMATION ON FORUMS, VE TESTING AND
TABLE APPLICATION FORMS WILL BE ON OUR
WEBSITE - www.tmrahamradio.org**

**SEND REQUEST FOR TABLE APPLICATION FORM and/or TICKETS TO
TMRA, P.O. BOX 9673, TOLEDO, OH 43697-9673
Please include a SASE for tickets**

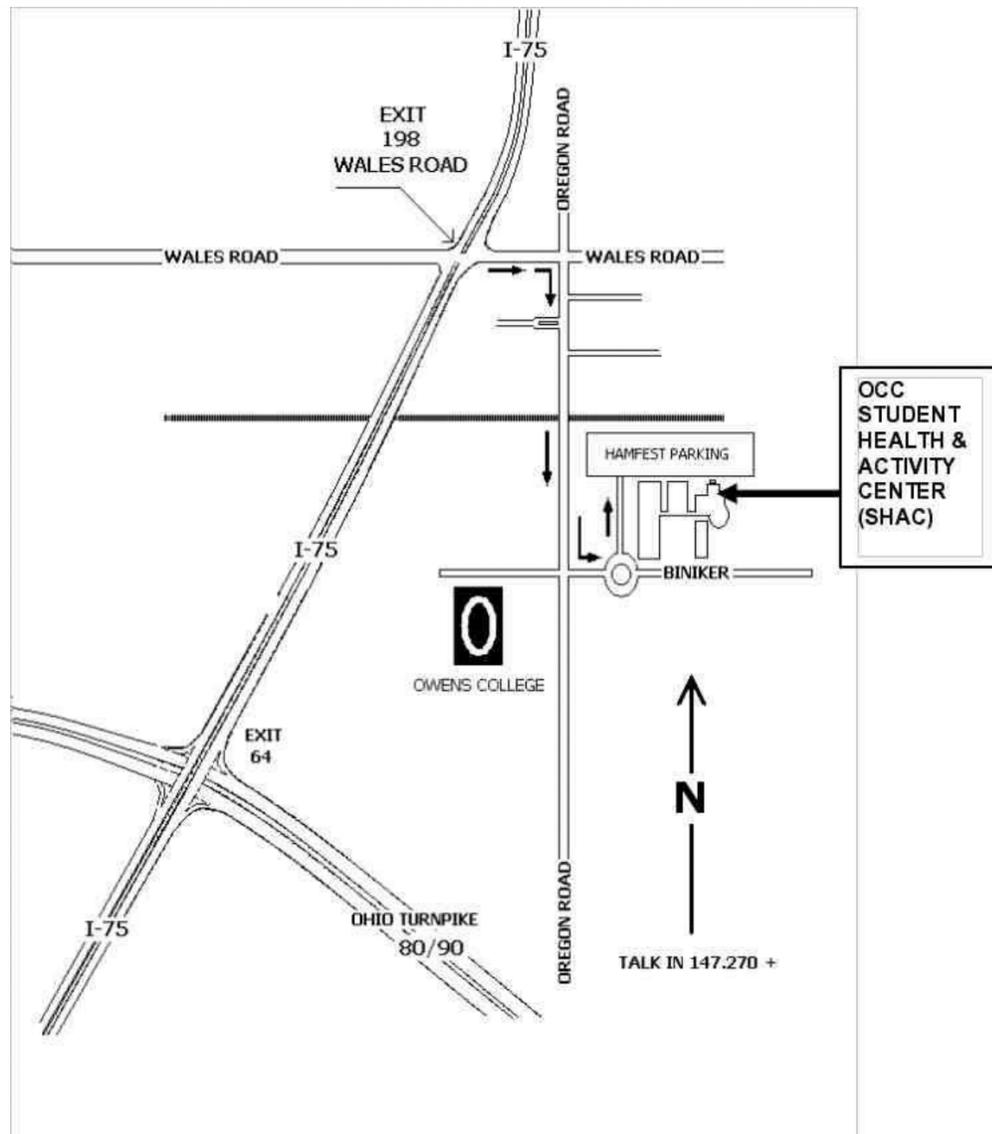
PRIZE DRAWINGS

2:00 PM \$500.00 CASH PRIZE (NEED NOT BE PRESENT TO WIN)

NOON \$250.00 CASH PRIZE (MUST BE PRESENT TO WIN)

9:00 AM, 10:00 AM and 11:00 AM \$100.00 CASH PRIZE (MUST BE PRESENT TO WIN)

DRIVING DIRECTIONS TO TMRA 2012 HAMFEST:
Owens Community College – Student Health and Activity Center
30335 Oregon Road., Perrysburg, OH 43551



From Southbound I-75: Take I-75 South to Exit 198-Wales Road. Travel east on Wales Road and turn right onto Oregon Road (first intersection). You will go through three traffic lights. At the first stop sign, turn right. Stay to the right when the road forks. Park in the parking lot to your left. This is the closest lot to the entrance of College Hall. The Admissions Office is on the first floor. Signs posted inside the building should lead you directly to the office.

From Northbound I-75: Take I-75 North to Exit 198-Wales Road. Travel east on Wales Road and turn right onto Oregon Road (first intersection). You will go through three traffic lights. At the first stop sign, turn right. Stay to the right when the road forks. Park in the parking lot to your left. This is the closest lot to the entrance of College Hall. The Admissions Office is on the first floor. Signs posted inside the building should lead you directly to the office.

From the Ohio Turnpike: Take the Ohio Turnpike to Exit 64, where it intersects with Interstate 75. Exit the turnpike heading north on I-75. Then follow the northbound I-75 directions above.

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

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

Area Repeaters (updated as of 3/1/23)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
53.3300	-1 MHz	--	W9FEZ	442.6375	+5 MHz	MDR CC1	N9MTF
145.330	-0.6 MHz	--	W9FEZ	442.99375	+5 MHz	D-Star W9TE-B	W9TE
146.880	-0.6 MHz	--	W9INX	443.100	+5 MHz	DMR CC1	K9MMQ
147.255	+0.6 MHz	--	W9INX	443.275	+5 MHz	P25 NAC # 293	K9MMQ
146.760	-0.6 MHz	141.3	W9TE	444.250	+5 MHz	141.3	W9AVW
146.910	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.940	-0.6 MHz	141.3	W9TE	444.8750	+5 MHz	141.3	W9TE
224.780	-1.6 MHz	--	W9FEZ				

FWRC Membership Application

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

(ARRL membership helps the club maintain ARRL affiliation)

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

Fort Wayne Radio Club dues:

Regular membership \$25.00 / year
Family membership¹ \$35.00 / year
Student membership² \$5.00 / year
Associate membership³ \$20.00 / year

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

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

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

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

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

ACARTS Membership Application

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

(ARRL membership helps the club maintain ARRL affiliation)

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

ACARTS dues:

Regular membership \$12.00 / year
Additional family members¹ \$6.00 / year
Student membership² \$6.00 / year
Associate membership³ \$6.00 / year

(New regular memberships are \$1.00/month)

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

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

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

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