



Full Quieting

The Official Journal of The Bellbrook Amateur Radio Club



September 2022 — Issue 13

President's Corner

Progress, progress, and more progress. Exciting things are happening at your BARC Club! All this is because of BARC members volunteering to make this a great Club!

We now have 4 updated and reconfigured stations for your use and enjoyment.

John Westerkamp, W8LRJ, along with his wrecking and construction crew, have torn apart the 4 stations, moved one station to the front of the room and rearranged the remaining 3 station tables facing the back wall. The crew moved all of the coax and other wires so they are all out of sight behind the 3 stations. My thanks to John, Glenn Rodgers, Paul Sushereba, and Ken Cornett for this great accomplishment.

The Flex User Group is alive and well. The last meeting was at Bob French's home on Thursday 18 Aug 22, where he demonstrated how to open 4 slices of WSJT-X on his Flex 6600. That translates to be able to monitor 4 different FT-8 frequencies at the same time. Talk about multitasking and mental overload. He also showed us how he uses Grid Tracker. The next meeting will be at Paul Sharp's shack on at date TBD in October.

The BARC Net is on the airwaves every Sunday at 8:00 PM on 147.045 for informative and entertaining discussions. Topics range from Open Mike, your favorite authors, what is your current and next project, to did you make any interesting or rare contacts.

On Saturday, 27 Aug 2022, BARC hosted the OHIO QSO Party where 7 members used the newly configured stations to make 139 contacts including 17 Ohio counties and 41 states and provinces. They all had a great time and really got to experience working a pile-up from the runner's perspective after calling CQ! Thanks to John Westerkamp for arranging this exciting learning event.

Jim Totten WA8HUB, our former President, continued to host the famous Lunch Bunch. The last lunch was at The Yaffa Grill in Fairborn and at next lunch will be at the City Barbecue on 13 Sept 2022 in Beavercreek. Jim will announce the date and location of the next luncheons.



Tink Siwecki, KD8NUA, and Steve, KD8NUC, are hosting Movie Night on 4th Thursday of every month. As usual great food, fellowship, popcorn and movie. What better way to get Brownie Point with your spouse than to take her to a gourmet dinner surrounded by Ham Radio equipment followed by a movie!

Glenn Rodgers is spearheading "Shack Tour" of willing BARC member's by visiting their radio shacks. So far we have had three Shack Tours. The next planned tour is Sept 24, 2022. If you want to visit other members shacks and or open your shack for visits, please contact Glen at ghr Rodgers@icloud.com.

John Westerkamp, is organizing the next Operating Afternoon that will take place on Saturday, Sept 10, 2022, to coincide with the Ohio State Parks on the Air Event. We will operate from John Bryan State Park near the Mountain Bike Trail parking area just before the road that continues to the observatory. We will begin setting up any time after 8 am. The OSPOTA goes from 10 am until 6 pm. Feel free to show up any time during that window and set up your antenna and radio or just enjoy the social activity.

My thanks to Roger Parrett, NQ8PR, for all his efforts and planning for the Lion's Club Annual Parade on Saturday, 20 Aug 2022, to Don Parker, KB8PSL for organizing the BARC communications crew for the actual parade, and for all of the BARC members who were there ready to communicate. Everything, except the weather, was in position and ready to roll. 10 minutes before parade rollout, the Lion's Club cancelled the parade because of rain and lighting.

Jacki Parrett, KE8LZE, has volunteered to make name tags and to keep them current as new members join BARC. Thanks Jacki for doing this.

The next planned projects are to repair the antennas on the roof and install the R-9 vertical antenna on the roof, and once that is complete to clean out the storage room.

Please send Ray Hitt your interesting and informative articles for the BARC News Letter.

Paul Sharp, [KD8OPN](#)

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September—Fall Field Day (pg 19)

Member Interviews

BARC wants to hear from you!

Whether you're a long-time BARC member or a brand new one, young or old, please tell us about yourself. Here are some simple guidelines, although you're free to use whatever format you're comfortable with.

This page is all about you. It's your chance to let BARC members to get to know you better.

Here's are a few sample questions to help get you started, but you can write whatever you want.

Please send us some pictures of anything you want BARC to see (you, station, antennas, pets, family, anything)

- When you were first licensed?
- How did you learn about Ham Radio (HR)?
- Why did you become a Ham?
- What are your current HR interests?
- What are you most passionate about regarding HR?
- Tell us about your stations (past, present, and future)
- What was the most exciting thing that happened to you in HR?
- What do you do for a living?
- Would you like to say something about your family?
- Do you have other hobbies or interests?
- Any other comments for BARC?



2022 BARC Officers and Directors

President: Paul Sharp, [KD8OPN](#)

Vice President: Vacant

Secretary: Jim Gifford, [KD8APT](#)

Treasurer: John Westerkamp, [W8LRJ](#)

Senior Director: Jacalyn Parrett, [KE8LZE](#)

Junior Director: Don Parker, [KB8PSL](#)

2022 Coordinators

Clubhouse: Jim Lusk, [KC8EFD](#)

Comm Center: John Westerkamp, [W8LRJ](#)

Contesting: Ken Gunton, [W8ASA](#)

Education: Jim Dean, [W8UD](#)

Emerg Preparedness: Roger Parrett, [NQ8RP](#)

Field Day: Ray Hitt, [N8VMX](#)

Full Quietening Editor: Ray Hitt, [N8VMX](#)

Hospitality & Librarian: Natinka Siwecki, [KD8NUA](#)

IT: Vacant

Lunch Bunch: Jim Totten, [WA8HUB](#)

Net: Paul Sharp, [KD8OPN](#)

Public Service: Don Parker, [KB8PSL](#)

QSLs: Roger Hoffman, [WB9BXT](#)

Repeater: Russ Roysden, [N8NPT](#)

TechNight/Workbench: Trevor Clarke, [K8TRC](#)

Webmaster: John Westerkamp, [W8LRJ](#)

BARC Net: Every Sunday, 8 PM Local

147.045 (+) (no PL)

[Alt = 443.675]

Directions to BARC Clubhouse and Comm Center

Rooms 1 & 3 Lower Level Sugar creek Elementary School

51 S. East Street, Bellbrook (One block east & one block south from the traffic light in downtown Bellbrook)

Enter at South end of building

**Your views are important to BARC and
to *Full Quietening***

**Please make yourself heard at the club,
via [email](#), and on the air...**

From the Editor

Greetings,

Fall is nearly here (and will be later this month), but I'm still clinging onto summer. Fall is fun too, though. We have a lot of interesting activities coming up this month, make sure you take some time to check some of this out.

On Saturday 10 September, there's a Bellbrook Clean Up Day, and we will have an informational booth along with others, at the parking lot for the BARC Clubhouse. See the flyer on [page 25](#) for info, or get in touch with Don Parker, KB8PSL.

Also on 10 September is our Fall Field Day at John Bryan State Park. John Westerkamp has a nice writeup on [page 19](#). I'll be babysitting grandbabies, but they might be interested in the park, who knows?

Glenn Rodgers set up another Shack Tour (#3), Saturday 24 September. These are guaranteed to be entertaining, so if you have time, let Glenn know, he's keeping a running head count. Read about it on [page 10](#)

I'm always looking for articles, so if you feel like writing one, go ahead. I have some guidelines every newsletter to help you out ([page 26-27](#)). Feel free to e-mail me any questions you have on writing articles. And if you don't want to write an article but have a topic you'd like to see in Full Quietening, please send me an e-mail and I'll see what I can do to get that information into a future issue.

73, Ray Hitt, N8VMX

(937) 974-6781

THIS IS YOUR BARC JOURNAL

Please send in those snippets and pictures that can help
fill **Full Quietening**

It only takes a few minutes.....



What's Up BARC?

Ray Hitt, [N8VMX](#)

Announcements regarding any member news including: new equipment, antennas, grandchildren, children, pets, operating news, etc.

What's Up BARC?



Welcome to BARC:

[Michael Hucul, KE8TBI](#) — Michael is a Technician Class operator and is very interested in EmComm and especially setting up communications among his local family members in the event of a disaster. He attended the last Membership meeting and decided to join us!

[Dan Shepherd, N8IE](#) — Dan is an Extra Class operator and interested in AM, CW, QRP, and playing with and repairing boat anchors. Here is an excerpt from Dan's email about joining the club:

"A few weeks ago I put out a call for help with my antennas to several local clubs, including DARA. I was contacted by DARA but nothing came of it. A couple of BARC members got in touch with me and within a couple of days my antenna was fixed (had to climb a tower and fix a rope)."

"This outreach is what Amateur Radio is about and I want to be a part of this club!"

[Bett Moore, KE8VMQ](#) — Bett is a new Technician Class operator and was looking for a club to join. Her husband of 44 years, Tony, is studying for the Technician license and plans to take the exam in October. Hopefully, we will meet them both soon at our Membership meeting!

Welcome to BARC, Michael, Dan, and Bett! Reach out to any of us if there's anything you need or if you have any questions.

{Editor}

(Continued on next page)



Officer, Director, and Coordinator Inputs

BARC has six Officers and Directors and 15 Coordinators

- Some have monthly columns, and the rest can use this space to let you know what they're doing and what's happening in their areas of responsibilities.
- This space exists because our BARC Membership Survey 2022 suggested the Membership would like more information on what's happening in the club.
- Feel free to contact them if you have specific requests. All their emails are listed and hyperlinked.

- **President:** Paul Sharp, [KD8OPN](#): [See Page 1](#)
- **Full Quietening Editor:** Ray Hitt, [N8VMX](#): [See Page 3](#)
- **Greeter:** Glenn Rodgers, [KE8LZD](#): [See Page 9](#)
- **Hospitality & Librarian:** Natinka Siwecki, [KD8NUA](#): [See Page 11](#)
- **Field Day:** Ray Hitt, [N8VMX](#): [See Page 16](#)
- **BARC Net:** Paul Sharp, [KD8OPN](#): Every Sunday at 8:00 PM you can listen to and participate in the exciting BARC Net, on 147.045. For August there were 87 check-ins lasting 178 informative minutes. Topics ranges from Open Mike, what is on your workbench, are you participating in the Lion's Club Parade, a reminder of the Ohio State Parks On The Air on 10 Sept 2022, to the recent tornado watch for Greene County.

Our faithful Net Controllers are Jim Dean W8UD, Eric Vinande KG6NFJ, Tink Siwecki KD8NUA, Paul Sharp KD8OPN, and John Westerkamp W8LRJ.

- **Treasurer:** John Westerkamp, [W8LRJ](#): In August, we welcomed three new members and graciously accepted their dues! Most expenses were for the work being done on the station move and updates as well as the renewal of the registration for the trailer. I am working on the next phase of our clubhouse improvements including the antenna farm on the roof. Hopefully, we will have that plan worked out and a budget presented before the September Planning Meeting. We are also looking forward to our September Operating Afternoon that will coincide with the Ohio State Parks on the Air event on Saturday, September 10. Watch you Inbox and the website for more information.
- **Repeater Network and Nodes:** John Westerkamp, [W8LRJ](#): The repeaters have been operating smoothly recently. A reminder that when using Allstar or Echolink, if the repeater is in constant use and unable to drop the carrier, a local user will not be able to send a *73 to disconnect and the connection will remain active forever! I have since taken steps to prevent this, but if it happens to you, please text me at 937-271-3119 and I can disconnect the node for you. You can also use the Contact Form on the website to reach me.

(Continued on next page)



Officer, Director and Coordinator Inputs

- **Communication Center: John Westerkamp, [W8LRJ](#):** Hopefully, by the time you read this the stations will all be back in operation. We still need to do some grounding and bonding as well as some touch-up work on the walls. Station #4 up front will still need a ground wire run to it as well as a second coax cable. Once we complete all the indoor work, we will begin taking advantage of the nice fall weather to install the R9 vertical on the roof and update the other antenna systems as well as the grounding and bonding system.
- **Public Service: Don Parker, [KB8PSL](#):** The annual [Bellbrook Lions Club](#) parade scheduled 20 August was a short event. As the parade start time closed in, so did Mother Nature. The roar of thunder and lightning caused the parade to be cancelled.

A disappointment for many participants but, being an annual event hopefully 2023 will have better weather.

Big thanks to the BARC members who participated to provide emergency communications for the parade.

- **Junior Director: Don Parker, [KB8PSL](#):** Bellbrook Sugarcreek Community Clean up project Sept 10, 2022, flyer included in Newsletter on page 24.
- **Webmaster: John Westerkamp, [W8LRJ](#):** We are also looking forward to our September Operating Afternoon that will coincide with the Ohio State Parks on the Air event on Saturday, September 10. Watch you Inbox and the website for more information. Several people have contacted the club for help using the website Contact form. Thank you to everybody who helped out! Also, don't forget about the Member Forum where you can ask questions and make announcements. The website has a new section Mentors and Experts! You can find a list of experts by selecting Mentors and Experts under the Membership tab. We have already had several questions via the Contact page for our Experts!
- **Repeaters and Domain Servers: Russ Roysden, [N8NPT](#):** Nothing to report.
- **Secretary: Jim Gifford, [KD8APT](#):** As secretary, I completed notes and minutes from planning and general meeting. I needed our president's support on the general meeting minutes because my son was in town from British Columbia, and I was having so much family fun—I forgot the meeting. Ugh, getting old is so much fun.

No Inputs From:

Tech Night/Repair Bench: Trevor Clarke, K8TRC

Contesting: Ken Gunton, W8ASA

Clubhouse: Jim Lusk, KC8EFD

Education: Jim Dean, W8UD

Emergency Preparedness: Roger Parrett, NQ8RP

IT: Position still vacant.

Senior Director: Jacalyn Parrett, KE8LZE

QSLs: Roger Hoffman, WB9BXT





James E. Totten WA8HUB

732 Schrubbs Drive

Kettering, OH 45429-1343

Lunch Bunch for September:

Hi everyone, it's September 2022 and here are the proposed lunch locations for September 13 and 27.

For Tuesday, September 13, I have chosen **City Barbecue** located at 2330 N. Fairfield Rd. Beavercreek, OH 45431. Phone (937) 320-0000. As I noted last month, the every other week schedule would have put this lunch just after Labor Day. Probably not a good choice. The restaurant is just north of Kemp Road.

Our lunch on Tuesday, September 27, 2022 is **First Watch** at 2614 Colonel Glenn Hwy, Fairborn, OH 45324. Phone (937) 431-9150. This place is in a strip shopping center opposite WSU. Texas Roadhouse is in this center.

The included chart currently shows a restaurant in October too.

If you are not on the Lunch Bunch mailing list and would like to be: Send me your Name, Call and email address.

Happy September,

Jim Totten WA8HUB

wa8hub.jim@gmail.com



Lunch Bunch 2022 List

Jim Totten, [WA8HUB](#)

Date	Restaurant	Address	City	Phone Number
05/30/2022	Another Broken Egg Café 7:00 am to 2:00 pm	2453 Esquire Dr.	Beavercreek, OH 45431	(937) 912-5074
08/09/2022	Submarine House	3195 Dayton-Xenia Rd.	Beavercreek, OH 45434	(937) 429-8650
	Submarine House	930 E Dorothy Ln.	Kettering, OH 45419	(937) 813-4189
09/27/2022	First Watch 7:00 am to 2:30 pm	2614 Colonel Glenn Hwy	Fairborn, OH 45324	(937) 431-9150
	First Watch 7:00 am to 2:30 pm	5245 Cornerstone North Blvd	Sugarcreek Town- ship, OH 45440	(937) 732-9013
07/12/2022 08/23/2022	Yaffa Grill Mediterranean Food	2844 Colonel Glenn Hwy	Fairborn, OH 45324	(937) 429-4959
07/26/2022	Chic-Fil-A	2360 N Fairfield Rd.	Fairborn, OH 45324	(937) 429-4959
	Chic-Fil-A	5301 Cornerstone N Blvd	Sugarcreek Town- ship, OH 45440	(937) 439-1700
05/10/2022	Cherry House Cafe	1241 Meadowbridge Dr.	Beavercreek, OH 45434	(937) 320-6200
09/13/2022	City Barbecue	2330 N. Fairfield Rd.	Beavercreek, OH 45431	(937) 320-0000
	Giovanni's Pizzeria e Ristorante Italiano	215 W Main St.	Fairborn, OH 45324	(937) 878-1611
06/14/2022	China Garden Buffet	112 Woodman Dr. Airway Shopping Center	Dayton, OH 45431	(937) 781-9999
06/28/2022	Marion's Piazza	1320 N Fairfield Rd.	Beavercreek, OH 45432	(937) 429-3393
10/11/2022	Red Robin	2671 Fairfield Commons Blvd.	Beavercreek, OH 45431	(937) 320-9800
	Beavercreek Pizza Dive	4021 Dayton-Xenia Rd.	Beavercreek, OH 45432	(937) 431-8669



Greeter's Greetings & Thoughts

Glenn Rodgers, [KE8LZD](#)

A Random Thought for Newer Operators

It's 04:53 on Wednesday morning... ever wake up early and just didn't feel like trying to go back to sleep? Yep... that's my morning today... so I decided to quietly head down to the radio shack and see if anyone was working FT8. At first it looked kind of bleak, but I did make a few 20m contacts. So I thought this might be a good time to checkout the other bands... went all the way up to 6m with very little success... until I decided to go back down to 40m. That's when my magic morning began to happen, I began making good contacts and stumbled into a moment of clarity at the same time. My usual FT8 routine probably doesn't make a lot of sense to the more experienced hams, but it seems to work for me, at least for now.



I enjoy chasing purple... seeing how many different countries I can contact and especially logging new ones. So far I think this is probably pretty normal for most of us. Also, like most of us I use a logging program that I've become comfortable with and I regularly log all my contacts. But in addition to this... when it's early morning and I haven't had any coffee (I know, operating while not caffeinated can be very dangerous)... I usually take notes with the country, time, band, and distance of each contact. My logging program has a map function which makes the distance easy, if yours doesn't have mapping you might want to try Grid Tracker. By writing down my contacts and information this morning I learned a few things about my radio, antenna, and other radio operators.

First: I noted a pattern to the countries I was reaching this morning... and by looking at the map function I was able to determine the direction my antenna appears to be radiating. It looks like from Beavercreek... I'm most easily picking up contacts on a North East to South West line. Not to say I don't get contacts in all directions from me... just that this radiating pattern seems to be the strongest. A new realization (or maybe just the lack of coffee)!

Second: I realized that working your radio at O-Dark-30 really is a pretty decent idea! There really isn't as much traffic and this time of morning, so you may need to be a little patient and spend a bit more time trying to get a contact that you really want... but that's probably a good thing. Less traffic can also mean Less Competition to reach a DX station you see or hear. I love getting Australia, partly because I've been there, partly because it's so hard for me to reach there. But this morning, after a bit of persistence, I was able to get the contact logged... 10,100 miles on 40m using 90w.

Third: I realized that I'm not the only one with sleep issues... um... DX Dedication. At 05:12 (EST... you do the math) I reached K7CAR... a POTA contact in Mesquite, NV. Now that's what I call DX dedication (or sleep issues... I'll leave it for you to decide). And with that final thought... it really is time for me to make coffee. Until next time...

73, Glenn, [KE8LZD](#)



Shack Tour #3

Glenn Rodgers, [KE8LZD](#)

Please mark your calendars for the next BARC Shack Tour!

Shack Tour #3 will be held on Saturday, September 24th and will begin promptly at 11:00. So get with other BARC friends to decide who's driving, setup your car pools and join in the fun!

The 1st stop will be at the home of Jim Gifford. Everyone should meet at his house at 11:00 to begin this event. Jim is located at: **4059 San Marino St, Kettering**. I've not been to Jim's shack so very much looking forward to starting our day there. It's a lot of fun to see what others are doing and where their ham radio interests lie.



The 2nd stop will be at the home of Stu Holzer, I've been there quite a bit and must say I learn something new every time. Stu has really been a help in settling the radio side of Wynn's estate as well as others. I've mentioned that I needed to make a trip to RandL for something, sometimes to find he had what I was looking for and it saved me both cash and gas! And if you've got questions about connectors of about any type, he's your man. A beautiful shack and a great resource for knowledge and help. Stu's home is easy to spot... just look for the tower in back! He's located at: **7836 Millerton Dr, Centerville**. We'll be heading there directly from Jim's.

The 3rd stop after Stu's is Paul Sushereba, one of the newest shacks in the club, and also a "work in progress". Paul has an amazing location as well as a very understanding wife... so I'm not sure what antenna's he will eventually have up, but it will be interesting. You'll find that though it's a relatively new shack and still building... it has been very well thought out and no doubt will be fantastic when completed. His address is: **1849 Winding Brook Way, Xenia** (actually not too far East of Country Club of the North)... but you probably will want to use phone or navigation to get there the first time!

And right after this final "Shack Tour", weather permitting, we'll adjourn to Paul's back yard or deck and Paul & I will setup a couple examples of QRP radios. Doesn't have to take a lot of time or work to setup an antenna, radio, and get on the air. In fact we're planning to do some field / park trips just to play radio in the fresh air as the weather turns cooler. So when you see what we do, if you're interested in joining us... we'll let you know when we plan our next outing.

Every Shack Tour is different, and each one will have new ideas or information, and it's a great way to get to know your BARC friends. So mark your calendars, you'll hear about this one a few more times before the 24th of September, and I'll shoot a group email reminder also (make sure you're on the BARC email list)! So until next time...

73, Glenn, [KE8LZD](#)



Hospitality & Library News

Natinka Siwecki, [KD8NUA](#)

BARC MOVIE NIGHT THURSDAY SEPTEMBER 29, 2022!



See You at the Movies!

On the fourth Thursday of each month, at 7:00 PM, January through October, we gather at the BARC clubhouse for dinner and a movie. It sounds fairly simple and not very interesting but we get to spend a couple of hours together being transported to different worlds, taking a flight into space, storming the beaches of Normandy, getting to know historical figures or being scared witless! Each time we get together you never know where we'll end up. On our next movie night we might take a trip through the jungle and down the Amazon River (a little hint here), fight off a zombie hoard or meet up with the astronauts from the Apollo missions.

Wherever we end up and who ever we meet we can always count on a front row seat, great companions and BARC's famous popcorn!

{Editor's Note: Tink will usually announce the chosen movie and dinner menu at the General Membership meeting the week beforehand, and will usually post it on the BARC Reflector about that same time. See you there!}

Movie Nights for 2022

March 24, 2022	July 28, 2022
April 28, 2022	August 25, 2022
May 26, 2022	September 29, 2022
June 23, 2022	October 27, 2022

73, Tink, [KD8NUA](#)



BARC Chili Dinner/Cook-off

Natinka Siwecki, [KD8NUA](#)

Since C#%\$* we have not been able to have one of our favorite BARC events but it's BACK!

On Thursday October 20, 2022 at 6:30 PM (*note the early start time*) at the BARC General Meeting we will have our Annual BARC Chili Dinner/Cook-off.

BARC members, family and friends are invited to join in our Annual Chili Dinner. You can make your famous chili to share, bring crackers, onions, cheese, sour cream, a dessert, side dishes; the list is endless.

October is the perfect month for a chili dinner. Who am I kidding, chili is good anytime, especially when our BARC members bring out their delicious recipes!

Please plan to join us in October for the BARC Annual Chili Dinner/Cook-off. It will be a great time to get to know and visit with our new and longstanding members. Let's see what you've got!



73, Tink, [KD8NUA](#)



{Editor's Favorite... a blast from my past; look for a variation of this at the cook-off}

White Lightning (a.k.a. White Chili)

4 cans Great Northern beans
2 lbs. cooked chicken breast
1 Tbsp. olive oil
2 medium onions, chopped
4 garlic cloves, minced
8 oz. green chiles, chopped
2 tsp ground cumin

credit to Dick Hawkins, ASC/RA, 1996

1 1/2 tsp dry oregano
1/4 tsp ground cloves
1/4 tsp cayenne pepper
4 cans chicken broth
12 oz. Monterey Jack cheese
sour cream (optional)
salsa (optional)

Cook chicken breast (can be baked, broiled, or sautéed), cube cooked chicken; set aside. Heat oil; sauté onion until transparent; add garlic, chiles, cumin, oregano, cloves, and cayenne. Sauté for 2 minutes. Add beans and broth; bring to a boil, reduce heat and simmer one hour. Just before serving add cubed chicken and cheese. Stir until cheese is melted. (Optionally) serve topped with salsa and sour cream.

(Serves 8 to 10)

1995 ASC/RA Chili Cook-off Winner

From the ASC Reconnaissance SPO Cookbook, 1996



Clean Up RF Noise Using Filters

Ray Hitt, [N8VMX](#)

I have been having trouble for years with RF noise in the HF bands and below (I have always loved listening to DX AM broadcasts). I've gotten rid of some RF noise sources over the years. For example, I have two garage door openers that have IR sensors to detect someone crossing the beam when the door is opening. The IR sensors had a broadband woodpecker type RF noise that would almost blank out the 80M band. I cured that with several clamp-on ferrite beads on the lines running from the garage door opener to the sensors. Another example was a plasma TV that generated a lot of RF noise in the HF band. I recently switched to an OLED TV that no measurable RF noise (buying a new TV is an expensive way to deal with RF noise though – but the picture was worth it!).

The latest, and hopefully the last RF (yeah, right!) noise reduction effort was to address the noise coming from the dimmable LED light strip I use in my ham shack. The way my shack is set up is that I have a 12V power supply feeding a 12V deep cycle AGM battery through a charger. Everything runs off the 12V, even the lighting itself – great during a power failure. I noticed that the light dimmer would add RF noise from below AM broadcast band (550 - 1700 kHz) up through 40M (7.0 - 7.3 MHz). Figure 1 shows the S9+ noise around 880kHz while Figure 2 shows the spectrum with the light strip turned off.



Figure 1 - Spectrum corrupted with LED dimmer noise



Figure 2 - Clean spectrum

The RF noise is less when the LEDs are full brightness and increases as they are dimmed. This RF noise is due to the way LEDs are dimmed, with a technique called pulse width modulation (PWM)(Figure 3). In my case, pulse width modulation is switching the 12VDC LED power on, then off again. It switches on and off so fast that your eyes and even cameras can't detect the blinking. The percentage of time the 12V is switched on roughly matches the brightness percentage of the LED. The drawback of PWM is that it is a square wave that generates very strong harmonics. Also, the switching frequency being used for LED dimmers is increasing; they started out at 60Hz but now can exceed 40kHz. It's getting to the point where harmonics will get into the 160M, 80M and even 40M bands.

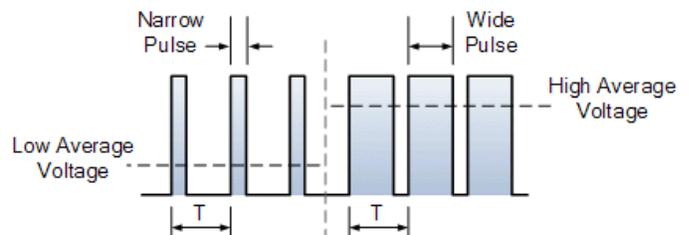


Figure 3 - Pulse width modulation

<https://www.electronics-tutorials.ws/blog/pulse-width-modulation.html>

(Continued on next page)



Clean Up RF Noise Using Filters (continued)

After the July shack tour (where I was one of the shacks visited) I started digging into this problem and noticed that the RF noise was not getting into my radio through my antenna; it was getting in through the MFJ DC injector that feeds 12V down the RG-8 leading to my MFJ automatic tuner mounted out near the base of my dipole antenna. Surprisingly, no RF noise was getting to the IC-7300 through its 12V line, it must have good power line filtering already. When I disconnected power from the DC injector or turned off the power switch on it, the RF noise would disappear. That meant I had “conducted EMI” (electromagnetic interference), not “radiated EMI”, i.e., it was directly conducted through wire and not radiated through an RF signal in the air. So, knowing this, how do I get rid of it?

I did some searching online and saw circuits to reduce RF noise. They all were variations of an RC (resistance-capacitance) or LC (inductance-capacitance) low-pass filter circuit.

To back up a minute to explain; the low-pass filter will let low frequency current through but will greatly reduce the current as the frequency increases. Since DC current has zero frequency, a low pass filter will let it through unaffected, but the RF noise currents in the 160/80/40M bands would be greatly attenuated.

I really didn’t want to throw together a circuit of loose parts to create a filter but looked for something already built for this purpose. I saw an interesting line of filters at the [Murata website](#).

I found two parts that were essentially the same, but one had a lower profile. I ordered two of each type, the [BNX005-11](#) and [BNX012-01](#). They’re both rated at 50VDC and can handle 15A of current. My LEDs are running at 14VDC and less than 1A current, so these parts can be used.



Figure 4 - BNX005-11 filter



Figure 5 - BNX012 filter

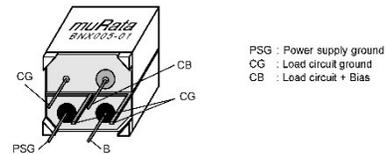


Figure 6 - Filter pinout

The circuit diagram for these parts is an LC lowpass filter (Figure 7). The inductors are all in series with the power and their reactance goes up with frequency. This reduces current as the frequency goes up. The capacitors are all in parallel with the power and their reactance goes down with frequency. This essentially “shorts out” the power as the frequency goes up. Both of these components have a combined effect of allowing low (including DC) frequency current to pass through but blocking higher frequency currents from getting through.

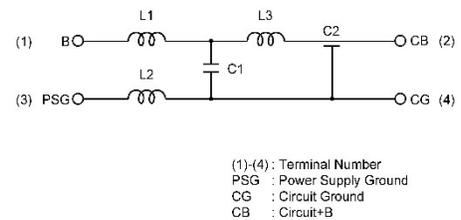


Figure 7 - Filter schematic

(Continued on next page)



Clean Up RF Noise Using Filters (continued)

Figure 8 shows the insertion loss as a function of frequency. The BNX005 has around 41 dB loss around 500 kHz, going up to 70 dB of loss around 5 MHz and over 85 dB of loss around 60 MHz.

I put two of these filters in series with each other at the beginning of the DC line running from my Powerpole panel to the LED strip. This should in theory double the amount of filtering. The other two filters were put in line with the cable running to the MFJ DC injector. Overkill, just the way I like it.

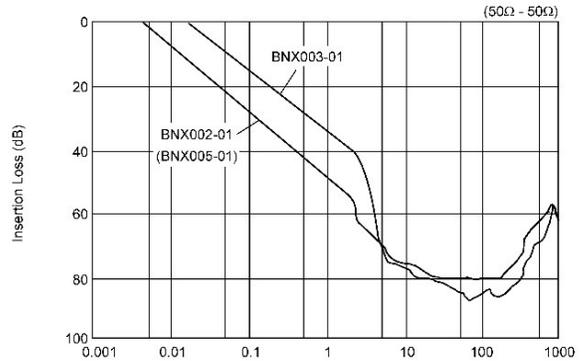


Figure 8 - Filter insertion loss



Figure 9 - Underneath view of shelf wiring



Figure 10 - Filters at start of LED wiring harness

Here's the finished product (Figure 11). LEDs are dim and I can hear signals in the HF bands like I'm supposed to! I can still hear LED dimmer noise, but just barely and only if I tune to below 200 kHz, where I really don't spend much time. Now, on to the next thing, whatever that may be.

73, Ray [N8VMX](#)

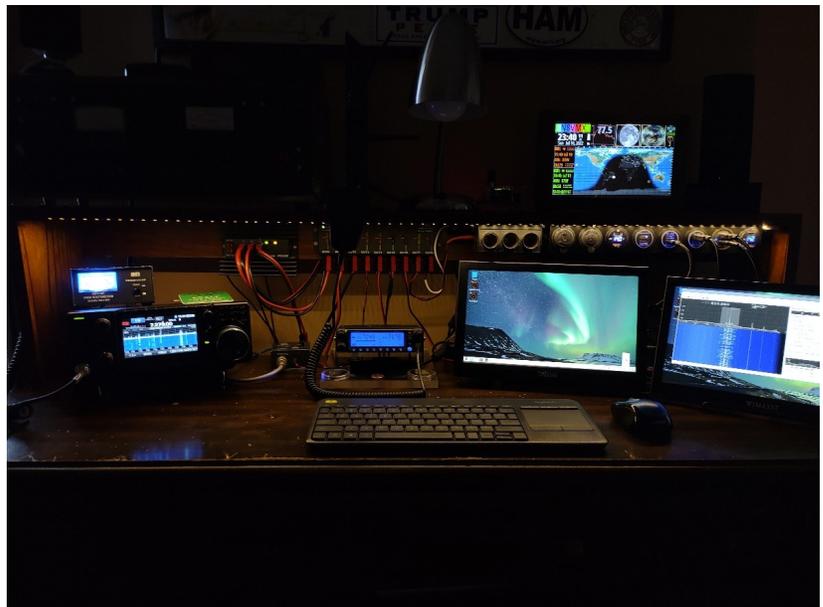


Figure 11 - Shack view with LEDs dimmed

Final 2022 Field Day Report

Ray Hitt, [N8VMX](#)

I wanted to update you all on our Field Day results. I gave a presentation earlier in August but wanted to make sure you all had the opportunity to see the results in Full Quieting too.

Field Day officially started at 2pm on Saturday, 25 June, and ran until 2pm on Sunday, 26 June. We started setting up electrical lines around 9am, then set up antennas, coax cables, stations, logging systems, food, right up until the contest started.

So, how'd we do? We were able to contact at least one station in 80 out of 84 ARRL/RAC sections in US and Canada. Figure 1 shows the contacted sections colored in on the map.

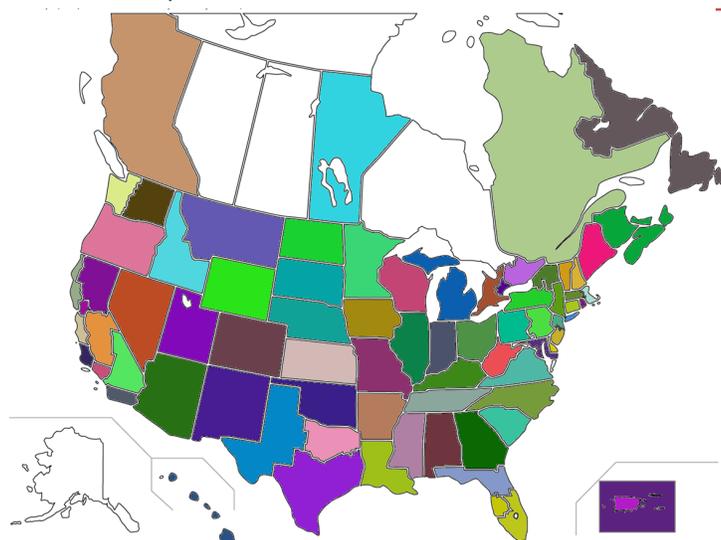


Figure 1—Sections contacted

I found it interesting that in 2021's Field Day, we also contacted exactly 80 out of 84 sections. They were different sections, so that's a plateau we should work to exceed next year.

In total, we made 732 contacts. The top ten sections, accounting for 38% of our contacts are in Table 1:

Section	Total	%
OH	46	6.3%
VA	39	5.3%
MDC	32	4.4%
NC	31	4.2%
EPA	27	3.7%
GA	26	3.6%
MI	22	3.0%
TN	22	3.0%
WPA	20	2.7%
IN	17	2.3%
Subtotal	282	38.5%

Table 1—Top 10 Sections

We made contacts in 80, 40, 20, and 15m bands. We operated the following modes: Voice (Phone), Digital (primarily FT-8, but RTTY and PSK-31 were available), and Morse Code (CW). The breakdown for each band and mode of operation are shown in Cross Table 2.

Band	CW	Dig	Phone	Total	%
80	17	26	164	207	28%
40	7	20	200	227	31%
20	122	1	99	222	30%
15	74	0	2	76	10%
Total	220	47	465	732	
%	30%	6%	64%		

Cross Table 2—Contacts by band and mode

(Continued on next page)

[Back to Table of Contents](#)



Field Day Report (continued)

Bonus Points: In Field Day, when you submit your score, you're allowed to claim bonus points for certain activities you performed. The table of bonus points we claimed is shown in Table 3.

We did pretty good here, however in years past were able to make a contact by satellite (just one is needed), have a local politician visit us (they were all invited, however didn't show up this year), copying down the W1AW special message that was rebroadcast Friday night through Sunday afternoon in CW, Voice, and Digital modes, and lastly youth participation (needing 1-5 youth to make at least one contact each). Next year we should try to gather all of these bonus points and not leave anything on the table.

Final Score: To calculate our final score, I tally up the number of contacts in Voice, digital, and CW modes. The number of points is doubled for contacts made in digital or CW modes, but not doubled for voice mode. I doubled this points subtotal by the power multiplier, since we were using 100W or less transmit power for each station. Lastly, we add in the number of bonus points. This gets us to a score of 3448 (see Table 4). All of this math was automated by the ARRL web page used to submit our scores (almost as complicated as doing your taxes).

Bonus Points	
100 % Emergency Power	400
Educational Activity	100
Formal NTS Messages Handled - No.=10	100
Media Publicity	100
Natural Power QSOs Completed	100
NTS Message to ARRL SM/SEC	100
Public Information Table	100
Public Location	100
Safety Officer	100
Satellite QSO Completed	0
Site Visit by Invited Agency Official	100
Site Visit by Invited Elected Official	0
Social Media	100
Submitted via the Web	50
W1AW Field Day Message	0
Youth Participation	0
Total Bonus Points =	1450

Table 3—Bonus Points Earned

Score Summary:	CW	DIG	PH	
	220	47	465	
Total Points	440	94	465	999
Claimed Contact Score (Power Multiplier: 2X) =				1998
Total Bonus Points =				1450
Total Claimed Points =				3448

Table 4—Total Points Score

Lessons Learned:

No matter how much planning we do, there are things that crop up during Field Day that we want to correct for the future. We had a few of those. I won't dwell on all of them, but here are some of the more significant lessons learned:

Identify the mode requirements in advance: It was my intent that each station be outfitted with the ability to do either voice, CW, or digital modes to give us greater flexibility. This is a departure from years past where we had a couple of "super stations" that could do CW or digital in addition to voice. I didn't do a good job of communicating this requirement to the station setup crew. As a result, we were setting up digital software on stations while Field Day was underway — not an ideal scenario). This also affected the logging software which was supposed to automatically track the radio band as the operator changed frequencies and modes.

(Continued on next page)



Field Day Report (continued)

Allow electrical crew exclusive access to shelter: We had some of the other crews show up at the shelter while the electrical crew was still setting up the power drops for all the stations. It makes more sense to allow the power to be set up (and the ethernet drops if we use them), before all the tables are put in place and people are milling around doing other things. So, 10am would be the earliest any setup personnel other than the power crew would need to be on site. Related to this, if you weren't part of a setup crew, we recommend you stay away from the Field Day site until the stations are set up and we are operating, at 2pm or later, otherwise it may slow down our setup process. Of course if you want to help, that's another thing altogether!

Document antenna set up procedures: We used a fiberglass pole supporting a 40/80m crossed dipole inverted-V antenna; a tilt tower supporting a 10/15/20m rotatable dipole; and an R-9 vertical mast. Setting these up has been trial and error, however the process has gotten better and should be documented now to make it easier for future Field Day setup crews.

There were more lessons learned, feel free to look over the [Field Day Summary presentation](#) I gave during the August membership meeting to get the whole story. We'll get back together in Feb/March next year to incorporate these lessons and come up with our approach for Field Day 2023, which (mark your calendars) is set for Saturday-Sunday June 24-25 2023.

In the meantime, see John Westerkamp's article about Fall Field Day (the next page), a down-scaled yet fun day at the park to be held on September 10th at John Bryan State Park. I'll be taking it easy until next year, when we get to ramp up and do it again. If you'd like to take part next year, feel free to reach out to me anytime and I'll add you to the Field Day committee list to keep you in the loop.

73, Ray, [N8VMX](#)

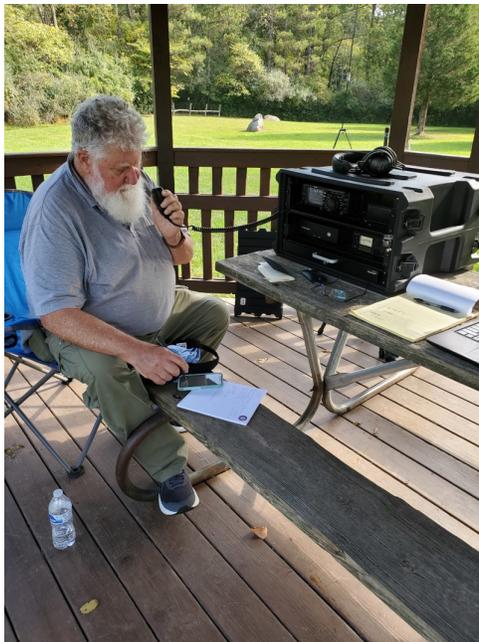


Fall Field Day

John Westerkamp, W8LRJ

What is everybody's favorite BARC operating/social event? Field Day, of course! With that in mind, the Planning and Field Day Committees decided that it would be a great idea to have a second Field Day in the fall. We got together with the Education Committee and settled on a Fall Field Day in conjunction with Operating Afternoon and the Ohio State Parks on the Air on Saturday, September 10, 2022.

The Ohio State Parks on the Air event runs from 10 am until 6 pm with a goal of making as many contacts from an Ohio State Park and with other Ohio State Parks as possible. We will be operating from John Bryan State Park near the [Mountain Bike Trail Parking lot](#) (see pictures). There is a small shelter there and grassy space for putting up antennas. There are also restroom facilities.

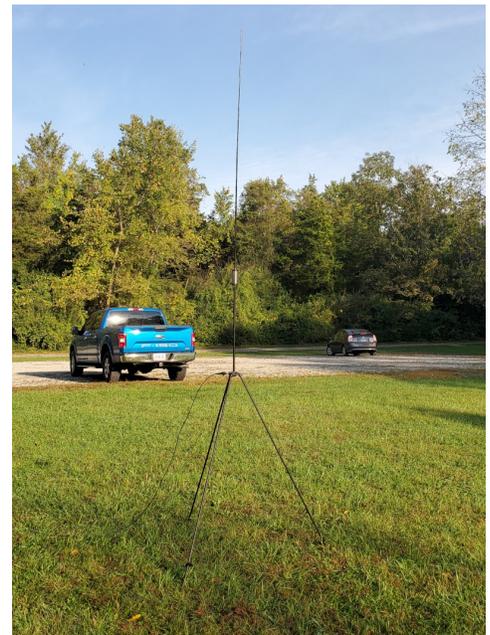


The Fall Field Day event will be smaller and more laid-back than our June Field Day. We will have some soda and water available and will provide lunch including Dot's chicken and some potato or macaroni salad. We ask that you bring your own chairs and maybe a table if you have one. Feel free to bring a dessert or your favorite beverage (no alcohol in the park, though).

For those who will be operating, we will provide a generator and some outlets, but please bring your own portable equipment and antennas. Visitors and club members without portable equipment are welcome to use other member's radios if you want to try operating Parks on the Air (POTA). POTA contests are fun because you can enjoy the outdoor weather and make quick contacts with standard exchanges so you don't have to be shy about getting

on the air. The Operating Afternoon Coordinator, Jim Dean (W8UD), will provide a demonstration on how to make POTA contacts and log them.

So come on out to John Bryan State Park and socialize with other BARC members or get on the air and operate POTA. Hopefully, the weather will cooperate and we will have a great time!



73, John, [W8LRJ](#)



Ohio QSO Party

John Westerkamp, [W8LRJ](#)

On Saturday, August 27, 2022, the Bellbrook Amateur Radio Club was able to break in the new communication center setup by participating in the Ohio QSO Party. The goals were to contact as many Ohio counties as possible and to be contacted by as many stations inside and outside Ohio as possible.

Seven intrepid operators including Glenn Rodgers (KE8LZD), Jim Totten (WA8HUB), Tom McClory (KE8FWZ), Robert DeSonia (WS8M), Jim Thomas (KE8UYC), John Ferguson (N8FJ), and John Westerkamp (W8LRJ) worked five hours from noon until 5 pm and racked up over 8000 points with 139 contacts including 17 Ohio Counties and 41 States and Provinces. We all had a great time and really got to experience working a pile-up from the runner's perspective after calling CQ!



73, John, [W8LRJ](#)



Special Event Stations (SES)

Paul Sharp, [KD8OPN](#)

I am restarting the SES articles again and here they are for September 2022. Here are a 2 links you can follow to find many SES that suit your varied interests. I may repeat and update some of these links as there are only a few many sites focused on SES.

http://www.arrl.org/special_events/search/page:2/model:Event

https://www.qsl.net/va3rj/spevents_dx.html

Here is my pick of the litter of SES that I think will be of interest to my fellow BARC members. BARC has many current and former members of the US Military, some of us were in the USAF and followers of light houses, and a few even know where Route 66 is.

But first: Here is a certificate Mark Crabtree, N8PEP, received for a “Clean Sweep” for the 13 Colonies Special Event Station held during July 2022.



- 09/01/2022 | **95th Anniversary of the invention of the electronic TV.** Sept 1-Sep 12, 0000Z-2359Z, K7T, West Jordan, UT. Utah DX Association. 14.250 7.200. QSL. Wesley Wilkinson, 7363 S Galaxy Hill Rd, West Jordan, UT 84081. w7wes@yahoo.com

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Special Event Stations (SES) (continued)

- 09/01/2022 | **Young Amateurs Radio Club WY4RC Worked All YARC Zones Special Event.** Sept 1-Sep 15, 1800Z-1800Z, WY4RC, New Haven, CT. Young Amateurs Radio Club WY4RC. 14.250 All Bands, All Modes. Certificate. Tyler Schroder, PO Box 201266, New Haven, CT 06520. WY4RC - The Young Amateurs Radio Club, is hosting our first annual YARC-WAYZ (Worked All YARC Zones) special event! Youth operators will be activating WY4RC/# in the ten US call zones from September 1 to September 15, 2022. Different awards are available for operators who contact at least six or all zones during the event. More information is available online at <https://yarc.world/index.php/events/2022/yarc-worked-all-yarc-zones-wayz-contest-event>
- 09/02/2022 | **V-J Day Commemoration.** Sept 2, 1600Z-2130Z, W5KID, Baton Rouge, LA. Baton Rouge Amateur Radio Club. 7.040 7.250 14.040 14.250. QSL. USS KIDD Amateur Radio Club, 305 S. River Road, Baton Rouge, LA 70802. Operation aboard the USS KIDD (DD-661). WW II Fletcher class destroyer. www.qrz.com/db/w5kid
- 09/10/2022 | **National POW MIA Recognition Day.** Sep 10-Sep 18, 0000Z-2359Z, K4MIA, Loxahatchee, FL. PBSEC. 7.195 14.265 18.150 28.400. Certificate & QSL. Michael Bald, 6758 Hall Blvd., Loxahatchee, FL 33470. Observances of National POW MIA Recognition Day are held across this country on the third Friday in September each year. This year it will be on September 16. The day was established to honor our prisoners of war and those who are still missing in action. This will be the 14th year the special event station has been activated. On Sept 16, K4MIA will be transmitting from a Vietnam UH1H Huey helicopter. There will be sister stations K4MIA/2, K4MIA/4, K4MIA/5 K4MIA/7 and K4MIA/8 in operation. Possibly more. Days listed above are primary operational days and modes used will be, SSB, CW, FT8 and Satellite operation. Throughout the month of Sept, K4MIA will be on less used digital modes, SSTV, and hopefully EME again. See QRZ for a lot more information and a copy of this year's QSL card. Because of the volume of requests, you **MUST SEND SASE** to get a returned QSL. Please take time to remember our POW's, MIA's, KIA's as well as their families. radiomb@bellsouth.net or www.qrz.com/db/k4mia
- 09/10/2022 | **Route 66 On the Air.** Sept 10-Sep 18, 0000Z-2359Z, W6H, Rio Rancho, NM. Albuquerque DX Association. 14.033 14.266 3.866 7.266. QSL. Bill Mader, 4701 Sombretete Rd SE, Rio Rancho, NM 87124. We will operate CW, SSB, and FT8 primarily on 80m-10m, with supporting propagation. Look for our self-spots on your favorite cluster. Find our operating schedule at <http://n2iw.com/route66-2022/index.php>. See our [QRZ.com](http://www.qrz.com) page. Please spot us when you work us! 73, Bill, K8TE <https://adxa.groups.io/g/main>
- 09/17/2022 | **USAF 75th Birthday.** Sept 17, 1500Z-2359Z, N7GV, Sahuarita, AZ. Green Valley Amateur Radio Club. 7.260 14.260. QSL. Richard Rogers, 15747 S Avenida Cuaima, Sahuarita, AZ 85629-8682. Celebrate the 75th birthday of the USAF from the Titan Missile Museum using the discone antenna used by Titan crews when the site was on alert. rcralb@aol.com or <https://www.gvarc.us>
- 10/01/2022 | **150th Anniversary: Lighting of Bodie Island Lighthouse.** Oct 1, 1300Z-1900Z, W4PCN, Nags Head, NC. Outer Banks Repeater Association. 7.265 14.265. Certificate & QSL. OBRA SE Station Carl Hacker, WC5WM, P.O. 1085, Nags Head, NC 27959. SASE please www.obraobx.com

73, Paul, [KD8OPN](http://www.qrz.com/db/KD8OPN)



Official Notice

Dear members in good standing of the Bellbrook Amateur Radio Club:

*BARC's Constitution in **11.0 Amendments** reads as follows:*

"This Constitution and By-Laws may be amended or revised by a two-thirds vote of the membership present at a General Membership meeting. Proposals for such shall be submitted in writing at a regular meeting and shall be voted on at the second regular meeting after submission. The membership must be notified by mail or electronic means within seven days following submission of the proposed amendment. Amendments become effective immediately upon approval."

At the June 16, 2022, meeting of the Bellbrook Amateur Radio Club, members voted to bring before the membership the following two (2) proposed amendments to the Constitution and Bylaws . These were read and presented to members at the June meeting. Per the procedure that you read above, we will vote at the regularly scheduled meeting in August 2022. {Editor: Moved to September meeting due to August meeting date change and low attendance}

Amendment One -- reference Remote Meeting Attendance:

5.5 Remote Meeting Attendance

Remote meeting attendance refers to real-time participation in any club meeting by electronic means, including audio and/or video teleconference. The Club may offer remote meeting attendance as a convenience but is not obligated to ensure availability of communications infrastructure, either internal or external to the Club, or operator personnel. The remote attendee assumes all risk of any and all telecommunication breakdowns, including those caused by human error.

The Club shall establish procedures to validate the identity and standing of a Full Member in remote attendance.

When remote attendance is made available and is functional for a Club meeting, any remote attendee who is a validated Full Member in good standing:

- Shall be afforded the same rights and privileges, with respect to club governance as established in section 2.0 GOVERNANCE, as a Full Member physically present at the meeting.
- For meetings where Club elections are held, the Club shall establish remote election voting procedures in compliance with the intent of section 6.0 CLUB ELECTIONS.

(Continued on next page)



Official Notice (continued)

Amendment Two -- reference adding a sentence of clarification to the existing paragraph on the Nominating Committee. :

Nominating Committee

(Note, the following paragraph already exists in the Constitution and Bylaws):

The nominating committee shall consist of three members elected from the floor at the September meeting to establish a slate of candidates for and oversee the December elections. The committee shall serve until the conclusion of the elections. Officers shall not serve on the nominating committee.

BARC will vote on adding the following sentence after the word "committee" in the above paragraph:

Members of the nominating committee may run for office, if otherwise eligible.

=====

Respectfully submitted on June 17, 2022

James M. Gifford KD8APT

Secretary

=====



BELLBROOK-SUGARCREEK COMMUNITY CLEAN UP DAY

SEPT 10TH
9AM
-2PM



WHO

Everyone is invited for a morning of community clean-up with a food and festival to follow

WHAT

- Teams will work together to:
- Clean up parks, City, and Township
 - Support community members who need assistance with outdoor chores
 - Learn recycling how-to's

WHERE

Meet at the
Community Support
Center/Lions Festival
Parking Lot

51 S. East St
Bellbrook

REGISTER



PRESENTED BY



info@bscsc.org | 937-848-3810

Editorial Policy and Style Guidelines for *Full Quieting*

Editorial Policy

Full Quieting welcomes articles from BARC members on any ham radio subject that is relevant to BARC. Our focus is our BARC members. We will not reprint items or articles that are easily available by other means (web, magazines, etc.).

Most articles will be “how to” or “what I did” articles that focus on technical or operational subjects such as a construction (antennas, equipment, stations, etc.), the use of hardware or software, operating in unique/challenging circumstances, or a memoir.

Full Quieting will also consider an occasional article on policy issues regarding the various national licensing/regulatory agencies and/or amateur radio associations so long as the article is relevant to BARC members and constructive in tone and recommendations.

Although all *Full Quieting* articles represent the experiences and points-of-view of their authors and not BARC, articles that focus on policy issues will be specifically labeled as a reflection of the author’s opinion.

Regardless of subject, when you submit an article you acknowledge that you are the original author or creator and you grant publication rights to BARC. Anything you submit remains your property and you may have it published elsewhere without the need for permission from *Full Quieting*.

Style Guidelines

Language: English is the official language of *Full Quieting* and all articles should be submitted in English. Don’t be concerned if English is not your first language: just tell your story in your own voice and use translating tools such as Google Translate to help if necessary.

File format: Submit your article as a Word, Word Perfect, OpenOffice or text file attachment to an email. A shared document available for download (such as a Google Doc) is also okay. **Do not submit as an email or PDF file.**

Pictures and other graphics: Do not embed pictures or tables in the article. Please submit as an email attachment or a shared image available for download. Please reduce the file size of the images before you send them to *Full Quieting*. Large files can be attached to a series of emails. Keep file size in mind regarding publication quality: for example, a half page image in the final PDF version of *Full Quieting* should be at least 400 pixels wide. If a photograph or graphic was taken or created by someone else, you should have their permission to use it and the permission of anyone identifiable in the image. **If you capture images from the web, provide a citation (URL) for that source and make sure the source does not prohibit use of the image in *Full Quieting*.**

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Editorial Policy and Style Guidelines for *Full Quieting*

(Continued from previous page)

Use these style conventions

- We are hams, not Hams, and our hobby is ham radio This is a change to our original format
- The name of our organization is: Bellbrook Amateur Radio Club or BARC
- The code we use is Morse (capitalize the M)
- We use Yagi antennas (capitalize the Y)
- Q codes should be capitalized: QRM, QSB QSY
- The plural of QSO is QSOs, not QSO's
- Modes should be capitalized: CW, SSB, FT8, RTTY
- Bands are written as 10 m, 15 m etc.
- The abbreviation for a Silent Key is SK.
- You might have had an Elmer, not an elmer

Bruce N7RR has provided a [two-page check list](#) of common International System of Units (SI) formats and abbreviations.

Use these formatting conventions:

- Set all borders to 1 inch
- Do not use tabs or spaces at the beginning of a paragraph
- Use only a single paragraph or carriage return at the end of each paragraph



Misc BARC Info

REGULARLY SCHEDULED NETS

Daily (Sunday through Saturday) 1030, 1615 and 1845 Ohio Single Sideband Net (OSSBN) Primary: 3972.5 KHz LSB Alternates: 3968 & 7272 KHz LSB

Sundays 1900 Newcomers & Elmers Net (Cincinnati) 146.670 (-) (123.0 PL) Sundays 2000 BARC Weekly Net 147.045 (+) (no PL) [Alt = 443.675]

Sundays 2100 Miami Co. Voice & Data Net (Data Net follows Voice Net) 145.230 (-) (no PL)

Winlink Tuesdays GCARES Winlink Net Any time on Tuesdays Eastern Time Send To: W8LRJ, Cc: KE8FMJ W8GCA-10 445.010 (S), W6CDR-10 145.010 (S)

Tuesdays 1900 Dayton Veterans Admin Amateur Radio Club Net (W8DVA) 443.850 + 107.2 pl

Tuesdays 1915 Ohio ARES HF Net W8SGT Net Control at OEMA HQ Primary: 3902 KHz LSB (+/- QRM) Alternate: 7240 KHz LSB (+/- QRM)

Tuesdays 1945 Ohio Digital Emergency Net Primary: 3584.5 KHz USB (1500 WF) Alternate: 7072 KHz USB

Tuesdays 2000 MoCoARES Weekly Net 146.640 (-) (123.0 Hz PL) (Except—No Net on last Tuesday of even months (MoCoARES meeting) (Except—On 2nd Tuesday: Voice and Data Net on 444.250 (+) (123.0 PL)

Tuesdays 2030 Greene County DMR Net Primary: 444.875+, Color Code 13

Tuesdays 2100 GCARES Net (Voice & Data) 146.910 (-)(no PL) [Alt = 442.725]

Ohio Winlink Wednesdays OH ARES Winlink Net Any time on Wednesdays Eastern Time Send To: K8EAF, Cc: W8LRJ, KE8FMJ W8GCA-10 445.010 (S), W6CDR-10 145.010 (S)

Wednesdays 2000 Ohio District 3 ARES Net (West Central Ohio Regional Net) Primary: 145.110 (-) (67.0 PL) Alternate: 146.820 (-) (77.0 PL)

Wednesdays 2000 Beginners Net (Dayton Area) 444.875 (+) (94.8 PL)

ZOOM-Basic Setup & Configuration

Here's a link to the Zoom Video Tutorials: [Zoom how-to video tutorials – Zoom Help Center](#)

Also see: "Join a Meeting" and the "Joining & Configuring Audio & Video" tutorials for new users. Send questions or problems to John, [W8LRJ](#) ASAP but BEFORE the next meeting.

BARC Fundraising Opportunities

Kroger's Rewards Program Please use your Kroger Card when shopping at Kroger's and support BARC. If you haven't signed up and need help, bring your Kroger Card to the next BARC meeting, and we'll help you get registered (contact the [Treasurer](#)).

AmazonSmile Rewards Program BARC is registered in the rewards program: AmazonSmile. Charitable and non-profit organizations receive 0.5% of total purchase price (small but it adds up over time). A web page of basic Q&A info on the AmazonSmile program is available at: <https://smile.amazon.com/charity/smile/about>. When you sign up for AmazonSmile, simply select Bellbrook Amateur Radio Club as your preferred charity when prompted. AmazonSmile is a simple and automatic way for BARC members (and family and friends) to support BARC, at no cost to you, every time you shop at Amazon. Just log in to Amazon like you usually do and you'll be asked if you want to use AmazonSmile. Just click YES and you're ready to shop. When you shop at smile.amazon.com, you'll find the exact same low prices, vast selection & convenient shopping experience as Amazon.com, with the added bonus that Amazon will donate a portion of the purchase price to BARC. So, be sure to register for BARC in AmazonSmile the next time you shop at Amazon and then select the AmazonSmile option.

ARRL Discounted Membership Offer One of the benefits of club membership is the opportunity to become an ARRL member at a discounted price. BARC is an ARRL affiliated club and receives a commission for new first-time ARRL memberships transacted through the club. BARC passes on this commission (discount) as a club membership benefit to promote ARRL membership. BARC members currently receive a \$15 discount on a NEW first year ARRL membership cost when placed through the Club. Please contact the [BARC Treasurer](#) for details

