



Full Quieting

The Official Journal of The Bellbrook Amateur Radio Club



November 2024 — Issue 39

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From the President & Editor

I hope you all have a Happy November. We have a lot to be thankful for. BARC has experienced remarkable growth, and I enjoy seeing so many new people join our ranks. Hopefully there will be some graduates from the fall Technician license training taking place each Sunday evening in the BARC clubhouse. There are only a few classes to go and the exams are right before Thanksgiving. Good luck students!

Something I'd like you all to consider is to write an article to publish in *Full Quieting*. We have over 160 members and I haven't heard from most of you. A good way to get to know more about you is to use the Member Interview questions on page 2. Pick some of those questions, answer them, and you've got an article we'd all like to read. Or any other topic you think we'd like to know about!

Remember, the election for new BARC Officers is held in December. We need nominations in by the November 21st meeting. I reprinted the nomination instructions, so come up with who you'd like to represent you in those offices. Drop off the forms or e-mail the nomination committee as soon as you can.

As I write this, we are still in the heavy drama leading up to the federal election. It's important to remember that whatever the outcome, we are all still friends and fellow amateurs, no matter the outcome. We don't all think the same way but that doesn't keep us from coming together and enjoying our hobby and each other!

Now, think about Thanksgiving! It will be here before you know it!

73, Ray Hitt, [N8VMX](#)
BARC President & *Full Quieting* Editor



2024 BARC Officers and Directors

President: Ray Hitt, [N8VMX](#)

Vice President: Jim Totten, [WA8HUB](#)

Secretary: Jim Gifford, [N8KET](#)

Treasurer: John Westerkamp, [W8LRJ](#)

Senior Director: Jim Lusk, [KC8EFD](#)

Junior Director: Bob French, [AC8ZU](#)

2024 Coordinators

Clubhouse: Jim Lusk, [KC8EFD](#)

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

Contesting: Ken Gunton, [W8ASA](#)

Education: Paul Sharp, [WS8R](#)

Emergency Preparedness: Jim Lusk, [KC8EFD](#)

Field Day: Glenn Rodgers, [W8IO](#)

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

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

IT: John Westerkamp, [W8LRJ](#)

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

Net: Paul Sharp, [WS8R](#)

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

QSLs: Roger Hoffman, [WB9BXT](#)

Repeater: Russ Roysden, [N8NPT](#)

Tech Night: Bob French, [AC8ZU](#)

Webmaster: John Westerkamp, [W8LRJ](#)

BARC Net: Every Sunday, 8 PM Local

147.045 (+) (118.8 PL enc and dec) [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

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?



What's Up BARC?

What's Up BARC?

Ray Hitt, [N8VMX](#)

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



BARC At Bellbrook Fire Department Open House

Ray Hitt, N8VMX (BARC President) and Jim Gifford, N8KET (BARC Secretary) took part in the Bellbrook FD Open House at Fire Station 2 on 4254 West Franklin Street on October 6th. The Bellbrook FD hosts an open house annually right around the fall time change to raise awareness to check your fire and carbon monoxide detectors and to highlight their capabilities. Several outside groups hosted information booths, including BARC. Several visitors expressed interest in amateur radio after seeing our information.

A special shout out to our own Renee Simmons, KF8BDN (below) who along with other BFD responders received special recognition after saving the life of an unresponsive woman without a pulse last March. Job well done, we're so thankful for you and your fellow first responders!



What's Up BARC? (continued)

BARC Family and Friends Chili Dinner

We had our Annual BARC Family & Friends Chili Dinner On **Thursday October 17, 2024** at the BARC clubhouse followed by a short meeting to make it formal.



We had several delicious Chilis, some chicken mole, cornbread, pecan pie, brownies and more. The attendance was good and many of our spouses attended too. Thanks to everyone who brought something delicious in and who were able to attend. It was great fun, and tasty too! And thankfully, the formal part of the meeting was short. After a big meal, who needs to listen to a presentation anyway!



Officer, Director, and Coordinator Inputs

Treasurer: John Westerkamp, W8LRJ: Income from the auction once again kept us in positive cash flow for the month so far with income outpacing expenses for Spectrum Internet. Expenses for the rooftop antenna repairs were well under \$500. We are still waiting for MetroNet to run fiber cable over to the building so we can make the switch. The 2025 Budget will be presented at the November Meeting.

We continue to be in great financial shape.

Repeater: John Westerkamp, W8LRJ: There was a significant outage at the repeater site recently. The BARC 2m repeater survived and was rebooted. The BARC 440 repeater was down, but luckily the issue was with the PC running Wires-X and not the repeater itself. The disk drive failed and was replaced and all the necessary Wires-X software was reinstalled and configured. All systems are back to normal.

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.

Website: John Westerkamp, W8LRJ: The BARC elections are next up so be sure to watch the website for more information. Our new process should provide a slate of nominees after the November meeting. John Westerkamp, W8LRJ, will be presenting an overview of the BARC Communication Center and how to use the radios at the meeting.

And 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. Send your questions via the *Contact* page for our *Experts!*

Communication Center: John Westerkamp, W8LRJ: All antenna updates have been completed. A faulty connector was replaced on the multiband dipole on Tower #2. Both dipoles on 80-60-40m are tuned and operational so we now have a full complement of antennas.

We are also changing Internet service providers to Metronet. This will be a fiber service with symmetric upload and download speeds of 300 Mbps. We will also have a static IP address making it easier to find us and provide services from the clubhouse. And it is less expensive than Spectrum!

Future plans include updating all the grounding and bonding to move the lightning arrestors outdoors, adding some ground rods, and bonding everything together with the electrical service ground. Stay tuned!

BARC Net Manager: Paul Sharp, WS8R: Every Sunday at 8:00 PM you can listen to and participate in the exciting BARC Net, on 147.045. For the 4 weeks in October 2024 there were approximately 60 check-ins lasting 141 exciting and informative minutes. Topics range from Open Mike, Parks on the Air, an exciting contact, bone head decisions, what did you do during all this beautiful weather, and do you want daylight savings time or standard time? We often have non BARC members checking in to enjoy the Net.

Our faithful Net Controllers are, Larry Darner, KD8RER, Joe Menchaca KE8UUQ, Tink Siwecki KD8NUA, Paul Sharp WS8R, and John Westerkamp W8LRJ.



BARC November 2024 Event Calendar

Sun November 3, 2024

8pm Weekly Net Where: 147.045+ (118.8 Hz tone)

Tue November 5, 2024

6:30pm POTA SIG Meeting..... Where: BARC Clubhouse

Thu November 7, 2024

7pm Planning Meeting..... Where: BARC Clubhouse

Sun November 10, 2024

8pm Weekly Net Where: 147.045+ (118.8 Hz tone)

Tue November 12, 2024

11:15am Lunch Bunch..... Where: Beaver Creek Pizza Dive

Sun November 17, 2024

8pm Weekly Net Where: 147.045+ (118.8 Hz tone)

Thu November 21, 2024

7pm Membership Meeting Where: BARC Clubhouse

Sun November 24, 2024

8pm Weekly Net Where: 147.045+ (118.8 Hz tone)

Tue November 26, 2024

11:15am Lunch Bunch..... Where: Cherry House Cafe

Wed November 27, 2024

7pm Tech Night Where: BARC Clubhouse



BARC Movie and Dessert Night



The **2024 Season of The BARC Dessert & Movie Night** has concluded but that doesn't mean an end to our movie nights. As you can see below we already have a head start on the movies for **2025!**

When choosing movies we try to include comedies, Sci-Fi, Rom Coms, old movies and newer releases, etc. Recommendations are always welcomed!

Upcoming Dates & Selections for Our 2025 BARC Movie & Dessert Nights:

Date	Movie	Genre	Actors
January 23, 2025	Harvey (1950)	Comedy	Jimmy Stewart
February 27, 2025	Edge of Tomorrow (2014)	Sci-Fi/Action	Tom Cruise
March 27, 2025	Paul, Apostle of Christ (2018)	Drama	Jim Caviezel
April 24, 2025			
May 22, 2025	Twisters (2024)	Action	Glen Powell
June 26, 2025	Fly Me to the Moon (2024)	Rom/Com	Scarlett Johansson, Channing Tatum
July 24, 2025			
August 28, 2025			
September 25, 2025			
October 23, 2025			

Our movie nights are held on the **Fourth Thursday** of each month **January** through **October** at **7:00 PM in the BARC Clubhouse**. We take November and December off for the holidays. At each movie night we pop up, *fresh*, BARC's famous popcorn and you never know what we will come up with for dessert!

We'll see you in 2025 at the Movies!

Tink, KD8NUA



Important Election Information

{Editor— This information is provided in support of the upcoming club election in December}

Dear Members of the Bellbrook Amateur Radio Club (BARC),

The time has come for the BARC Nomination and Election process for 2025. We are currently soliciting nominations for the following seats:

FOUR (4) OFFICER SEATS:

President

Vice President

Treasurer

Secretary

ONE (1) MEMBER-AT-LARGE SEAT:

Junior Director (2 year commitment)

The Junior Director consents to a 2 year commitment, as the Senior Director seat for an upcoming year is assumed by current year Junior Director.

This year's (2024) Junior Director, Bob French AC8ZU, will assume the Senior Director seat for 2025.

A listing of the duties of each office/seat can be found in the appendix following this notice.

To be eligible, an Officer or Member-at-Large must be a Full Member of the club in good standing (no lapse in valid membership per the Treasurer's records) for a minimum of one (1) year prior to their election.

(Note: A Full Member, as defined by the BARC Constitution and By-Laws, is one who holds a valid FCC amateur radio operator's license.)

Associate Members (those with no license/call sign), or Full Members who have not reached their first membership anniversary by BARC's election day (19 December 2024), are not eligible to run.

To nominate eligible BARC members for any of the seats above you may:

- 1) Send the name, call sign and associated seat for a nomination via email to one of the Nomination Committee members listed below. Please use subject line: "BARC 2025 NOMINATION"
- 2) Write the name, call sign and associated seat for a nomination on a pre-printed nomination form available at the Clubhouse. Place the completed form in a designated drop-box at the clubhouse, to be located on the President's desk.
- 3) Participate in scheduled or impromptu call for nominations by the Nominations Committee, in writing, at regular monthly Planning or General Membership Meetings, or other clubhouse events, between now and the closing of nominations at the November General Membership Meeting.



Important Election Information (continued)

The aforementioned drop-box will be available following the September BARC "Movie Night" event the evening of 26 September 2024.

If no pre-printed forms happen to be available, you may simply write out your nomination information on a piece of paper. See the sample on page 13 which can be printed and used.

A few additional details to note:

- You may nominate yourself to run for a seat.
- Nominating a BARC member in writing using the drop-box is inherently anonymous.
- Nominations are to close with the passing of an appropriate motion at the BARC 2024 November General Membership meeting.
- The Nominations Committee can and will handle verifications of eligibility, and seek the consent of the submitted nominees.
- A consenting nominee, if nominated for multiple seats, will be asked to choose only one for the election.
- Please direct any questions to the Nominating Committee (see below).

All verifications of eligibility must be completed, and consent of the nominees must be obtained in time for inclusion of the final slate in BARC's December 2024 Full Quieting newsletter. Any eligible nominee who has not consented by that time will be dropped from the slate. This will ensure BARC members have ample time to consider their vote prior to the club elections to be held at the December General Membership Meeting, Thursday, 19 December, 2024.

Newly Elected Officers, the Junior Director, and the transitioned Senior Director will assume their office/seat effective 1 January 2025.

Thank You and 73,

BARC Nominating Committee

Steve Siwecki KD8NUC
KD8NUC@Outlook.com

James Lusk KC8EFD
jlusk1947@gmail.com

{Editor—Next page, the Appendix from the BARC Constitution describes the Officer Positions up for election}



Important Election Information (continued)

APPENDIX

(from the BARC Constitution and By-Laws)

2.4.7 Duties of Officers and Members-at-Large

2.4.7.1 Duties of the Club President

The President shall:

- Preside at all general, special, planning and executive meetings
- Conduct all meetings in accordance with this Constitution and By-Laws
- Perform all other duties usually pertaining to the office of the President

2.4.7.2 Duties of the Club Vice-President

The Vice President shall:

- Assist the President
- Preside in the President's absence
- Perform all other duties usually pertaining to the office of Vice President

2.4.7.3 Duties of the Club Secretary

The Secretary shall:

- Record and retain accurate minutes of all general Club meetings
- Execute all Club correspondence as necessary
- Retain the Club Constitution and By-Laws, Policies and Procedures and other Club documents, and have the same available at every meeting for consultation upon request
- Update the Club Constitution and by-laws to reflect amendments, revisions, and additions approved by the Club
- Abide by section 6.1 Succession of Office

2.4.7.4 Duties of the Club Treasurer

The Treasurer shall:

- Receive all monies of the Club
- Keep an accurate account of all receipts and expenditures



Important Election Information (continued)

- Submit a budget for the following calendar year to the planning committee no later than the October meeting
- Submit annual IRS 501(c3) reports as required by law
- Prepare a monthly financial report for each regular general membership meeting
- Maintain an accurate membership roster
- Present club financial records annually to the Auditing Committee
- Submit the Auditing Committee report to the Club Secretary
- Recommend to the Executive Committee, for approval, a Deputy Treasurer who:
 - ◊ Is a Full member in good standing
 - ◊ Will have the authority to make purchases for the Club in the absence of the Treasurer
 - ◊ Will NOT have voting authority on the Executive Committee.
- Abide by section 6.1 Succession of Office

2.4.7.5 Duties of the Junior and Senior Directors

The Junior and Senior Directors Shall:

- Be aware of concerns and opinions of the general membership
- Serve as a voice for the general membership at Executive and Planning Committee meetings

(Note: Additionally, the Senior director serves on the (financial) Auditing Committee.)

{Editor—The following is a sample BARC Nomination form and is valid for use}

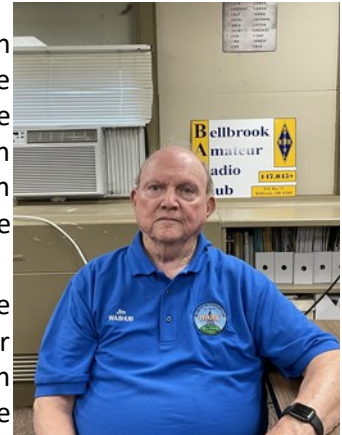
BARC NOMINATION FORM – 2025
<input type="text"/>
SEAT (President, Vice President, Treasurer, Secretary, or Junior Director
<input type="text"/>
NOMINEE NAME
<input type="text"/>
NOMINEE CALL SIGN



Lunch Bunch

Jim Totten, [WA8HUB](#)

Hello my fellow lunch lovers. November 2024 is here. And time to renew our lunch meetings for this new month. To recap: Our club meetings are on Thursdays. The Planning meeting is the first Thursday of the month and the General meeting on the Third Thursday. Our Lunch Schedule is the Second and Fourth Tuesday of each month. If a scheduled Tuesday gets slammed by some unforeseen event the lunch is just cancelled. The invitation messages will go out Wednesday or Thursday of the previous week.



Now, how will the lunches be selected? Accompanying this information page is the same chart in last months FQ listing our current set of restaurants. The November restaurants are highlighted. I updated all of the dates for all of the restaurants on our list. This includes the restaurants in 2025. This published list is the order we will select each lunch day. You now know what the whole order is and know what's coming next.

October was a delicious month. Our first stop was on October 08, 2024 at Marion's Piazza in Beavercreek. We had a full table. On October 22nd we lunched at Red Robin near Fairfield Commons Mall. Red Robin is famous for their bottomless fries. We didn't have a big crowd but enjoyed each other's company. That is the purpose of the lunches anyway.

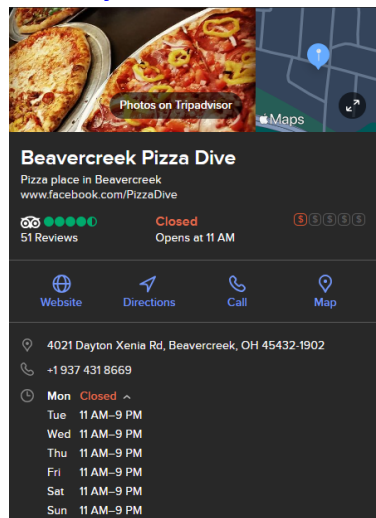
November will be an interesting month. We will dine at the bottom and top of the list. November 12th we will have pizza varieties at Beavercreek Pizza Dive. This restaurant is in Beavercreek on the southwest corner of Grange Hall Rd and Dayton-Xenia Rd. On November 26th we will enjoy one of our most popular venues THE CHERRY HOUSE CAFE. This restaurant is in Beavercreek near the big Kroger. Don't forget your reward card.

That's a wrap for this month. Happy eating.

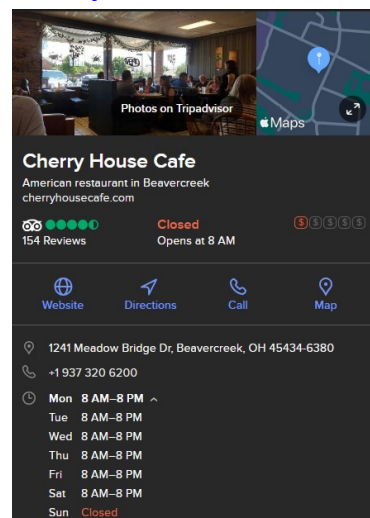
73, Jim, [WA8HUB](#) {Editor's note: Restaurant addresses are below and on next page.}

Click hyperlinks for more info and maps

Tuesday, Nov 12th, 11:15am



Tuesday, Nov 26th, 11:15am



Lunch Bunch 2024 List

Jim Totten, [WA8HUB](#)

Date	Restaurant	Address	City	Phone Number
11/26/24	Cherry House Cafe	1241 Meadowbridge Dr.	Beavercreek, OH 45434	(937) 320-6200
12/10/24	Another Broken Egg Cafe 7:00 am to 2:00 pm	2453 Esquire Dr.	Beavercreek, OH 45431	(937) 912-5074
01/14/25	China Garden Buffet	112 Woodman Dr. Airway Shopping Center	Dayton, OH 45431	(937) 781-9999
01/28/25	First Watch 7:00 am to 2:30 pm	5245 Cornerstone North Blvd	Sugarcreek Twp, OH 45440	(937) 732-9013
02/11/25	Submarine House	3195 Dayton-Xenia Rd.	Beavercreek, OH 45434	(937) 429-8650
02/25/25	Roosters Wings	2430 N. Fairfield <i>The Shoppes at FC</i>	Beavercreek, OH 45431	(937) 702-9500
03/11/25	Golden Corral Buffet and Grill	2490 Commons Blvd.	Beavercreek, OH 45431	(937) 613-5478
03/25/25	Yaffa Grill Mediterranean Food	2844 Colonel Glenn Hwy	Fairborn, OH 45324	(937) 429-4959
04/08/25	Chic-Fil-A	5301 Cornerstone N Blvd	Sugarcreek Township, OH 45440	(937) 439-1700
09/10/24	Culp's Cafeteria	1000 Carillon Blvd	Dayton, OH 45409	(937) 293-2841
09/24/24	City Barbecue	2001 E. Dorothy Lane	Kettering, OH 45420	(937) 200-1006
10/08/24	Marion's Piazza	1320 N Fairfield Rd.	Beavercreek, OH 45432	(937) 429-3393
10/22/24	Red Robin	2671 Fairfield Commons Blvd.	Beavercreek, OH 45431	(937) 320-9800
11/12/24	Beavercreek Pizza Dive	4021 Dayton-Xenia Rd.	Beavercreek, OH 45432	(937) 431-8669



Special Event Stations for November

Paul Sharp, [WS8R](#)

Here are a 2 links you can follow to find many SES that suit your varied interest. 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. Once again, something for everyone! This month there are SES for Commemorating: sinking of the SS Edmund Fitzgerald, Pearl Harbor day, Veteran's Day, Science Fiction, Autumnal Olivia Digital Mode QSO Party, Sir Winston Churchill, Civil Air Patrol, Amateur Radio Stamp and the 110th Anniversary of ARRL.

11/01/2024 | 49th Anniversary, Sinking of the SS Edmund Fitzgerald. Nov 1-Nov 15, 0000Z-2359Z, W8F, Livonia, MI. Livonia Amateur Radio Club. 14.260 7.260 7.050 14.050. Certificate. See website, for information, <https://livoniaarc.com/qsl/>. Saturday Nov. 9,1530-2030 UTC, W8F will operate from Dossin Great Lakes Museum, Belle Isle State Park, Detroit, MI. (POTA US-1487 this date only).

11/02/2024 | 2024 Remembering the Edmund Fitzgerald, Nov 2-Nov 3, 1500Z-2355Z, W0JH. Stillwater, MN. Stillwater, MN Amateur Radio Association (SARA). 3.860 7.260 14.260 21.360. Certificate. Request certificate by email and certificate will be emailed to you., W0JH QSO contact: W0JH24Fitz@outlook.com. QSL certificates may ONLY be requested and will ONLY be sent via email. Send requests WITH W0JH QSO CONTACT INFO to: W0JH24Fitz@outlook.com. IMPORTANT: ONLY W0JH confirmed contacts qualify for POTA US-2524, US-8095, ARLHS USA 783 validations and submissions to LOTW. This is the 20th consecutive year the club has conducted this Special Event. Visit www.radioham.org and QRZ.com (W0JH) for more details. This year marks the 49th year since the famous iron-ore carrier was caught in a fierce fall storm on Lake Superior. The event pays tribute to the crew of 29 who all perished. www.radioham.org.

11/02/2024 | Concours d'Elegance & Motoring Festival, Nov 2-Nov 3, 0400Z-2000Z, K4C. Hilton Head Island, SC. Islander Amateur Radio Association. 7.267 14.267; see spotting nets. Certificate. See website for information, on receiving a, certificate. www.qrz.com/db/k4c.

11/05/2024 | Air Force MARS 76th Special Event, Nov 5-Nov 11, 0500Z-0459Z. KB2UNZ, Scott AFB, IL. Air Force MARS. 14.325.00 7.210.00 3.890.00 28.350.00. Certificate. Chief Air Force MARS FOA ACC CCC, 203 W. Losey St, BLDG 1700, Scott AFB, IL 62225. Amateur HF bands (80-6) in the General License portion of the band and in the Technician License portion of 10 meters using SSB, CW and digital modes. <https://community.apan.org/wg/afmars/air-force-mars-76th-special-event>.

11/06/2024 | Commemorating Veterans Day (11/11/1919) and USMC Birthday (11/10/1715), Nov 6, 1700Z-2359Z, NI6IW, San Diego, CA. USS Midway Museum Ship. 7.250 14.320 14.070 PSK31 DSTAR on Papa system repeaters. QSL. USS Midway Museum Ship COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101. www.qrz.com/db/ni6iw.



Special Event Stations for November (continued)

11/09/2024 | USS Cobia Veterans Day Special Event. Nov 9-Nov 10, 1500Z-2100Z, NB9QV, Manitowoc, WI. USS Cobia Amateur Radio Club. 7.240 14.240. Certificate. E-certificate only, email QSL information to, kc9yl@arrl.net. www.qrz.com/db/nb9qv.

11/09/2024 | Windycon 50 - Science Fiction Convention, Nov 9-Nov 10, 1500Z-2100Z, W9W, Oak Brook, IL. DuPage Amateur Radio Club. 14.070 14.230 14.274 145.430 (local 107.2 PL). Certificate. DuPage Amateur Radio Club, P.O. Box 71, Clarendon Hills, IL 60514-0071. Operating times are Nov 9 0900-1700 and Nov 10 0900-1500 local time (CST). Certificate and other information <http://www.qrz.com/db/w9w>. <https://www.w9dup.org>.

11/11/2024 | Honoring our Veterans and Celebrating Veterans Day, 2024, Nov 11, 1500Z-2000Z, KA4TAL, Conway, SC. Horry Post 111 The American Legion Amateur Radio Club. 14.255 7.264 14.275 7.185. Certificate. Henry Chinery, President, E-certificate only, email

11/11/2024 | Veteran's Day from the National D-Day Memorial in Bedford VA, Nov 11, 1500Z-2020Z, W2B, Bedford, VA. New River Valley Amateur Radio Club. 14.275. QSL.

11/11/2024 | Veterans Day, Nov 11, 1800Z-2100Z, N3TAL, Lanham, MD. American Legion Post 275 Amateur Radio Team. 7.275 MHz (+/-) LSB. QSL. American Legion Post 275 Amateur Radio Team, 8201 Martin Luther King Jr Hwy, Lanham, MD 20706. N3TAL275@gmail.com or www.qrz.com/db/n3tal.

11/16/2024 | 1st Transatlantic Ham Radio QSO (1923), Nov 16, 1400Z-2200Z, K3S, Baltimore, MD. Nuclear Ship Savannah ARC. 7.1 14.1 21.1 28.1. QSL. K3LU, 980 PATUXENT ROAD, Odenton, MD 21113. Single transmitter SSB and CW aboard N/S Savannah. Please check spotting networks for frequencies. Info on QRZ.com www.qrz.com/db/k3s.

11/17/2024 | Celebrating the 153rd birthday of the NRA operating from Gunsite Academy in Paulden, AZ, Nov 17, 1500Z-2359Z, K7GST, Prescott Valley, AZ. Yavapai Amateur Radio Club Prescott, AZ. 7.250 14.250 21.335 28.340. Certificate. Printable PDF, available at, <http://w4gkf.com/k7gst> . End time is 2400 UTC. <https://www.w7yrc.org/nrabirthday>

11/27/2024 | Autumnal Olivia Digital Mode QSO Party, Nov 27-Dec 1, 0000Z-2359Z, NW7US, Fayetteville, OH. Olivia Digital DXers Club. 14.071 7.071 21.071 28.121. Certificate. Tomas, NW7US, PO Box 110, Fayetteville, OH 45118. 1st Annual Olivia Digital Mode Autumnal QSO Party, fourth QSO party so far since 2023 (We have Winter, Spring, Summer, and Autumn QSO parties). <https://oliviadigitalmode.org>.

11/30/2024 | 150th Anniversary of birth of Sir Winston S Churchill, Nov 30, 0001Z-2359Z, W3C, Pocono Lake, PA. Royal Air Force Amateur Radio Society. 14328.00 kHz. QSL. Michael

11/30/2024 | 83rd Anniversary of Civil Air Patrol, Nov 30-Dec 1, 1500Z-2300Z, W9CAP, St. Charles, IL. Illinois Wing Civil Air Patrol. 7.255 14.250 18.125 28.450. Certificate. Attn: Lt Col Robert Becker, P.O. Box 4027, St. Charles, IL 60174. www.qrz.com/db/w9cap.



Unlocking Web-based HamClock

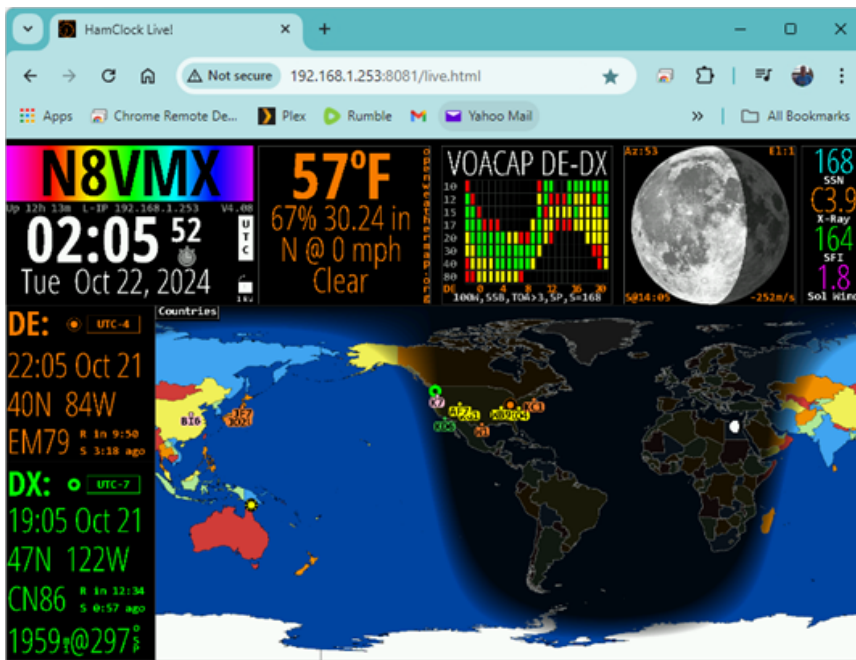
Ray Hitt, [N8VMX](#)

I don't know how I missed this. You can access Hamclock from your web browser? Kidding, right? No, I checked into this and got it working in just a few minutes.

Let me back up a minute. Looking back through the old FAQs for HamClock from the Clear Sky Institute [website](#), it seems that web access to the HamClock display has been available since at least version 2.78 which came out 17 April 2022. As of this writing, HamClock is at version 4.08. It's referred to in the HamClock literature as "Liveweb".



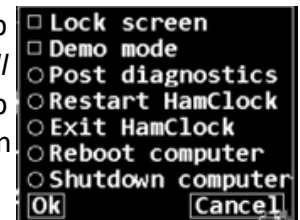
To access the "Liveweb" version of Hamclock, you need to be running HamClock on your computer. It's usually running on a Linux installation, commonly Ubuntu on a computer or a Raspberry Pi. I run both, and also a Linux Ubuntu virtual machine in VirtualBox on Windows 11. While HamClock is running on your Linux machine (for my example, a Raspberry Pi5), you can access the web version on any machine on your local network by going to <http://ipaddress:8081/live.html>. In my case, the address would be <http://192.168.1.253:8081/live.html>. Entering that address gives you this display (below). This is a read-write version which allows full interactive mode by



clicking on the screen. It works on PCs, phones, tablets, smart TVs, Raspberry Pis, really anything with a web browser. If you want a read-only version, all look but no touch, just enter the same address, but use port 8082 instead of 8081.

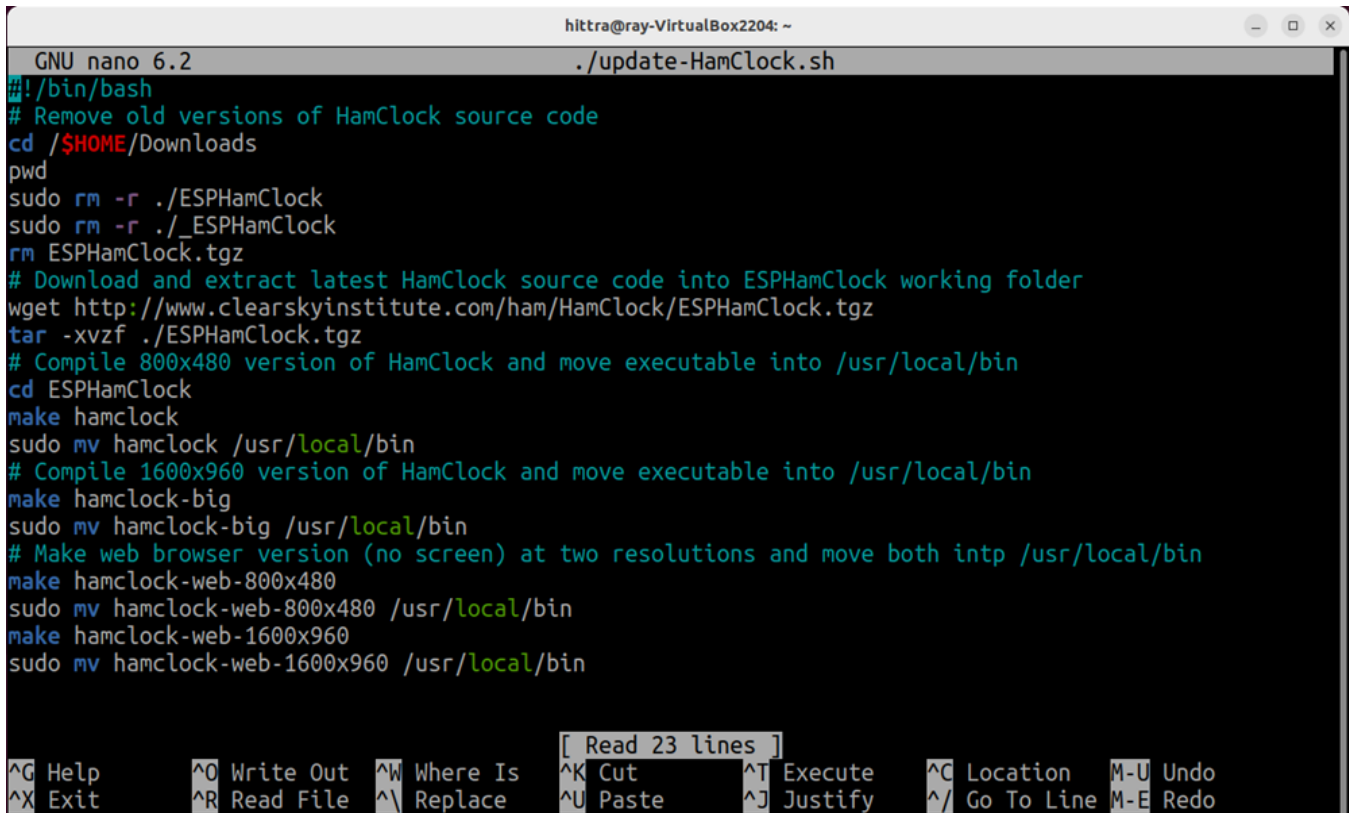
You can optionally set up HamClock to show up as a full screen on the browser. You must enable "Full-screen web" in the HamClock Settings page. You need to restart HamClock to change the settings. Good news is that you can force a restart of Hamclock from your browser by clicking the little open padlock right below the UTC symbol

symbol near your call sign. This brings up a little menu that lets you do many things. Right now I'm focusing on restarting Hamclock in order to change the web settings. Restart HamClock, then on Page 5 of the HamClock settings set "Full scrn web?" to "Yes". Hit "Done" to exit the Setup and start HamClock. The web page will not be full screen just yet. You need to refresh the web page (F5) then click on the page somewhere to activate full screen.



Unlocking Web-based HamClock (continued)

Another thing I noticed, there's a new option to compile HamClock with no screen at all ("headless") and only a web browser screen. This would let you run HamClock on a Raspberry Pi without a screen, just accessing a screen through your web browser. Or run HamClock in the background and access it solely through browsers. I have redone my automated script to build the latest HamClock from source code automatically, adding some lines to create the headless version of HamClock. The script is shown below. When you type it in, you need to make it "executable" in its properties before it can be run.



```
hittra@ray-VirtualBox2204: ~
GNU nano 6.2                               ./update-HamClock.sh
#!/bin/bash
# Remove old versions of HamClock source code
cd /$HOME/Downloads
pwd
sudo rm -r ./ESPHamClock
sudo rm -r ./_ESPHamClock
rm ESPHamClock.tgz
# Download and extract latest HamClock source code into ESPHamClock working folder
wget http://www.clearskyinstitute.com/ham/HamClock/ESPHamClock.tgz
tar -xvzf ./ESPHamClock.tgz
# Compile 800x480 version of HamClock and move executable into /usr/local/bin
cd ESPHamClock
make hamclock
sudo mv hamclock /usr/local/bin
# Compile 1600x960 version of HamClock and move executable into /usr/local/bin
make hamclock-big
sudo mv hamclock-big /usr/local/bin
# Make web browser version (no screen) at two resolutions and move both into /usr/local/bin
make hamclock-web-800x480
sudo mv hamclock-web-800x480 /usr/local/bin
make hamclock-web-1600x960
sudo mv hamclock-web-1600x960 /usr/local/bin
```

To run the "headless" version, at the command line, type `hamclock-web-800x480`

to run the small version or `hamclock-web-1600x960`

to run the large version. When it's viewed in the browser, you can size the browser window to whatever you prefer, including full screen. It is possible to have one of these launch on bootup but that's a topic best left for another time. You can up to 10 browser sessions from this HamClock program but why?

I like the new possibilities that a web-based Hamclock opens up. You could run web-based HamClock on a "headless" Raspberry Pi and display it on a spare tablet at your Hamshack. You can check it on your phone to look at band conditions in the HF bands. Let me know if this is useful to you in your ham shack.

73, Ray [N8VMX](#)



KM3KM Mercury IIIs HF and 6 Meter Power Amplifier

Bill Salyers, [AJ8B](#)

A no-tune solid state amplifier delivering 1200 Watts SSB/CW Output from 160 to 6 meters.

I have been looking for station upgrades that would fit my budget and provide results. The first upgrade was to my antenna system. I added a K4KIO Hexbeam at 30 feet and a couple of beverage antennas for 160M. Next, I was looking for a replacement for my trusty AL-80B. It has been a solid performer for many years, typically delivering 700 Watts without a complaint. However, I have been trying to take advantage of my FLEX-6400 2 slice operation and switching between bands meant tuning up each time. Also, I wanted to pursue contacts on 6M and the AL-80B does not support 6m.



After quite a bit of research, and some coaching from Tom, NR8Z, I chose the KM3KM Mercury IIIs amplifier. Tom is all in on this amplifier, raving about it at every opportunity. I could only find one review on this amplifier and that was on the kit form of the amplifier.¹ The Mercury IIIs is no longer available in kit form.

Although I trust Tom completely, I had to check for other opinions. Quickly searching [eHam.net](#), it became obvious that others felt the same way. There are 83 reviews with an average of 4.9 out of 5.0! The very first reviewer posted "I've owned my amplifier for just over 4 months, and it works perfect, great fit and finish. I have owned a lot of amplifiers, but this is an absolute joy to operate. Get on the list and it's well worth the wait!!!" The other reviews are similar or better!

As I have reviewed this article, I realized that it sounds more like a commercial than an independent product review. There are two reasons for that. First, it is the first piece of equipment that I have reviewed and then shared with others. Secondly, it is only "kind of" a product review. I own the amp and just want to share my experience!

Overview

The KM3KM Mercury IIIs arrived, and I was ready to go. KM3KM kept me updated during the entire manufacturing, testing and shipping process. It arrived in one box as the power supply is inclusive to the chassis. Figure 2 shows the front panel layout.²



KM3KM Mercury IIIs HF and 6 Meter PA (continued)

Here is a list of the features of this amplifier:

Operating Bands 160M – 6M	RF Auto Band Decoding
7-inch Color Touch Screen	FWD/REF/SWR Meter
DI Voltage/DI Current Meter	Selection for 3 Antennas w/Memory.
1200 watts SSB/CW	700 watts DIGI mode
Full FCC Acceptance: FCC ID: FCC ID: 2A3P6MERCURYIIIS https://fccid.io/2A3P6MERCURYIIIS/Test-Report/Test-Report-5680979	

There are two other features not mentioned. The first is complete amplifier protection that is part of the design. Reprinted from the manual is an overview of the testing that is done during the 2-week burn in before your unit ships: *“We have performed a test of ruggedness with a controlled load mismatch through all phases, enabled by the test fixture. The mismatch unit is connected to a network analyzer. Through a network control, we can set it to work through all phases of the Smith chart. This mismatch unit will create voltage standing waves with ratios from 55: 1 up to a maximum of 125: 1. With the normal situation (standard, 50 volts 1200 watts into a 50- watt {sic} load) the amp is operating at full power. The mismatch unit now replaces the dummy load connected to the output of the amp and the test set up is powered up again. We then vary the mismatch unit to expose the LDMOS transistor to a range of extreme mismatch conditions and positions on the Smith chart. The extreme conditions range from a VSWR of 55: 1 to 125: 1. The transistor is still alive by going back to the original load and showing the 1200-watt output power. It still works! Would you ever treat a transistor worse than this? Check out the next test.*

**What is an LDMOS transistor?
(KM3KM uses the BLF189XLA
from Ampleon, USA.)**

LDMOS (laterally diffused metal oxide semiconductor) transistors are used in microwave/RF power amplifiers. These transistors are often fabricated on p/p+ silicon epitaxial layers. The fabrication of LDMOS devices mostly involves various ion-implantation and subsequent annealing cycles. As an example, the drift region of this power MOSFET is fabricated using up to three ion implantation sequences to achieve the appropriate doping profile needed to withstand high electric fields.

Silicon-based LDMOS FETs are widely used in RF power amplifiers for base-stations as the requirement is for high output power with a corresponding drain to source breakdown voltage usually above 60 volts. Compared to other devices such as GaAs FETs they show a lower maximum power gain frequency.

Even though the transistor is normally used at 50 volts, we then test it at 55 volts to challenge the extremely rugged LDMOS. The transistor was powered at 55 volts 1200 watts into 50 ohms when we suddenly disconnect the output load, creating a very unfriendly open circuit situation. Then, we powered up the transistor to 1200 watts. A short was introduced to the output of the amp while the transistor is powered up. When placed back into the 50-ohm load and powered up to 1200 watts, we see that it again survives and works perfectly. This is what we mean by extremely rugged. This transistor



KM3KM Mercury III's HF and 6 Meter PA (continued)

seems to be unbreakable; this does not mean that proper operations procedures and suggestions should be avoided as damage may occur.”

The second feature not mentioned is the Warranty. From Angel, N2PTB of KM3KM, I learned:

“We offer one-year nontransferable warranty for any defects in material and workmanship to original owners, not unlike the industry standard. The difference is that after the one year, should anything happen, we WON'T charge for LABOR...Not even to secondhand owners. After one year all the customer would pay for is shipping and parts (at cost) ...LABOR for repair is on KM3KM. This is unique to KM3KM in the Ham Radio world of service and arguably the most expensive to the consumer.”

Figure 2 shows the front panel layout, and the table 2 below describes the functions.

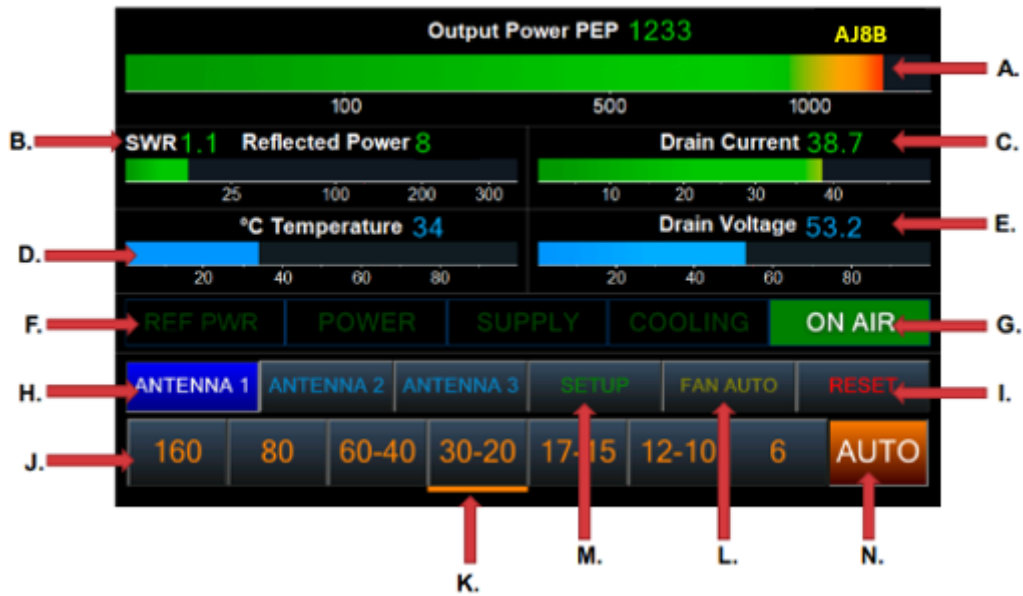


Figure 2—Front Panel Layout



A. FWD Power Output (PEP)	B. SWR & Reflected Power
C. Drain Current	D. Operating Temperature
E. Drain Voltage	F. Alarm Indicators
G. On Air Light (Transmitting)	H. Antenna Switch Zone
I. Reset Button (Clears Faults)	J. Manual Band Select Zone
K. Automatic Segment Indicator	L. Auto/Manual Fan Control
M. Configuration	N. Auto Band Select

Table 2—Function Descriptions



KM3KM Mercury IIIs HF and 6 Meter PA (continued)

Specifications

Of course, the Mercury IIIs has undergone full FCC Type acceptance using the FCC ID: FCC ID: 2A3P6MERCURYIIIS. The results can be found online at <https://fccid.io/2A3P6MERCURYIIIS/Test-Report/Test-Report-5680979>. Below are a few of the highlights of the specifications.

- Intermodulation distortions (IMD3): better than 30dB below the rated PEP
- Input and output impedances: nominal value: 50 Ohm unbalanced, UHF (SO239) type connectors.
- Input circuit: broadband, SWR below 1.2:1 (1.1:1 typically); 1.8 – 54 MHz continuous range without retuning or switching.
- Temperature range: 14 F to 149 F (-10 C to +65 C)
- Unit Supply Voltage 120VAC or 220VAC – Auto-Sensing
- Dimensions (projections not included) and weight, operating: (W x H x D) 12 x 5.5 x 13.5 In (305 x 140 x 343 mm); 27Lbs (12.2 kg).
- This unit complies with the FCC RF Exposure limits for an uncontrolled environment. **To comply with FCC RF exposure limit requirements, antennas must be operated at a minimum distance of 740.25 cm or 24.29' between the radiator and any person's body.**

Amplifier Connections

So, how easy is it to setup and use? I did check YouTube and found several videos about the Mercury IIIs. The one that was most like my situation was from K7AGE.³ After unpacking the unit, I connected my Flex 6400 to the RF IN, the antenna switch to Antenna port 1, and a ground strap. Then I plugged it in. I turned on the power and heard the Morse code “RE” indicating that all was ready. I set the Tune “button” on my Flex to 5 watts on all bands. I turned the antenna switch to my dummy load and selected 14.028 on the Flex. I pushed the “Operate” button on Mercury IIIs and then tapped my key for a quick dit. The amplifier immediately jumped to 20m, and the output was approximately 700W! I was good to go. Figure 3 shows the back panel layout and Table 3 (below) is a description of each of the items.

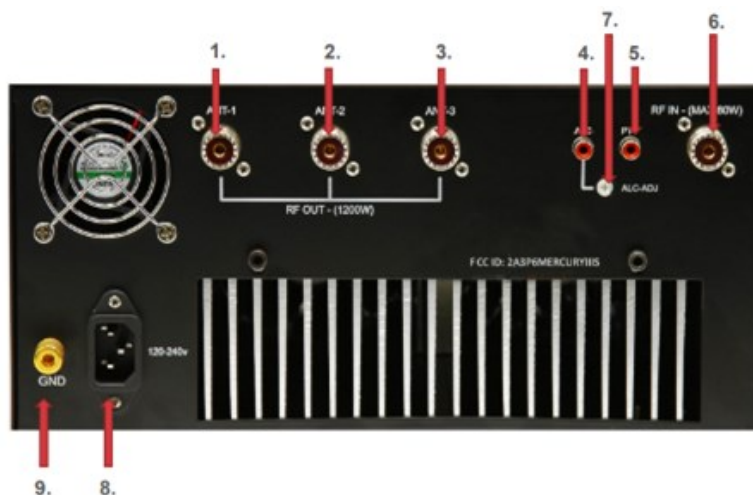


Figure 3—Back Panel Layout

KM3KM Mercury IIIs HF and 6 Meter PA (continued)

1. Antenna 1 Connection (Default)	2. Antenna Connection 2`
3. Antenna Connection 3	4. RCA Plug ALC to Radio
5. RCA Plug PTT from Radio	6. RF PL-259 In Connection
7. ALC Adjust	8. Ground Connection
9. AC Power Input	

Table 3—Back Panel Descriptions

Operation

I don't have sophisticated equipment to do testing, but I was curious about Input drive and output results. Table 4 (below) shows my findings using a FLEX-6400 and a dummy load in CW mode.

Freq (Mhz)	Input (W)	Output (W)	Gain (db)
1.83	45	1200	14.26
3.528	35	1200	15.35
7.028	25	1200	16.81
14.028	35	1200	15.35
18.1	40	1200	14.77
21.028	40	1200	14.77
24.915	45	1200	14.26
28.028	50	1200	13.8
28.4	50	1200	13.8
50.313	50	700	11.46

Table 4—Input Drive and Output Power

Conclusion

If you are like me, you are always looking for the downside or the “gotcha” for a product. For the KM3KM Mercury IIIs it is the availability. The Table 5 (below) shows the timeline of acquiring the Mercury IIIs.

7/1/2023	Filled in Online Form
7/3/2023	Confirmed that I was on the list
6/5/2024	Deposit Due
6/24/24	Unit in final testing stage
7/11/2024	Unit Shipped
7/15/2024	Arrived and Setup

Table 5—KM3KM Mercury IIIs Acquisition Timeline



KM3KM Mercury IIIs HF and 6 Meter PA (continued)

To me, this was the “gotcha”. However, I waited patiently and was rewarded with an excellent product.

In summary, I would suggest that the size, weight, and no-tune capability allow this amplifier to exceed any other amplifier in the same price range. When you consider the 1200W output on 160–6m and the seamless integration into your existing equipment, this is an excellent choice for you ham station. Here is an update on delivery from Angel, N2PTB. *“I’m thrilled to inform you that our IIIs amps delivery time has improved significantly! We’re now able to deliver in just 7 months from the time of list placement. Plus, for the LUX model, we’ve eliminated the waiting list entirely, shipping in about 2 months post-deposit or even within 6 days if it’s in stock. We’re committed to maintaining the highest quality without compromise, even if it means taking a bit more time. Customer satisfaction remains our top priority!”*

This amplifier can be ordered from KM3KM.com at <https://www.km3km.com/mercuryiiis-fully-assembled/>. The cost is \$2,799 + Shipping.

¹ Build Your Own Solid-State Linear Amplifier – CQ Reviews: KM3KM Electronics Mercury IIIs Amplifier Kit by W7DGJ – Dave Jensen – CQ September 2021, Pages 40 – 45

² The Manual and details are available at <https://www.km3km.com/wp-content/uploads/2023/04/Operation-Manual-v4.3-Full-Unit.pdf>

³ New In The Ham Shack: Mercury IIIs Amplifier <https://www.youtube.com/watch?v=0CDc-NeP4To>



Answers to Amateur Radio Test Questions on pages 24-26

[Technician \(pg 24\)](#)

T1F11 (B) [97.5(b)(2)]

T6A12(A)

T2B04 (D)

T4B12 (D)

[General \(pg 25\)](#)

G9C12 (A)

G8C13 (D)

G3A09 (A)

G2E13 (B)

[Amateur Extra \(pg 26\)](#)

E1D12 (A) [97.207(e), 97.203(g)]

E7D01 (D)

E2B07 (B)

E3B06 (B)



Amateur License Test Questions

Answers are on [page 23](#).

Technician

T1F11

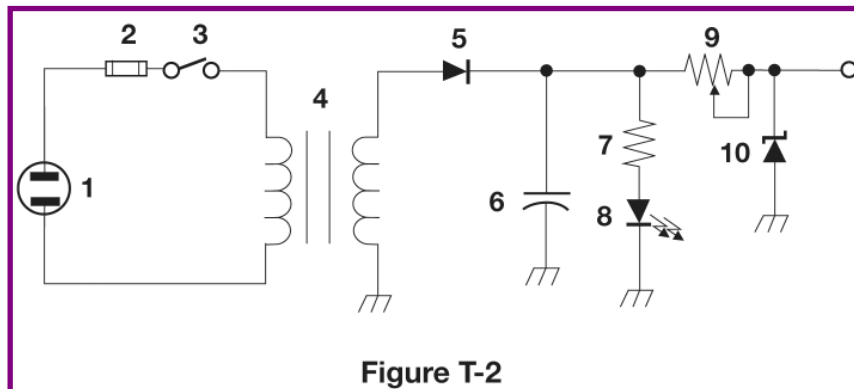
Which of the following is a requirement for the issuance of a club station license grant?

- A. The trustee must have an Amateur Extra Class operator license grant
- B. The club must have at least four members
- C. The club must be registered with the American Radio Relay League
- D. All these choices are correct

T6A12

What type of switch is represented by component 3 in figure T-2?

- A. Single-pole single-throw
- B. Single-pole double-throw
- C. Double-pole single-throw
- D. Double-pole double-throw



T2B04

Which of the following could be the reason you are unable to access a repeater whose output you can hear?

- A. Improper transceiver offset
- B. You are using the wrong CTCSS tone
- C. You are using the wrong DCS code
- D. All these choices are correct

T4B12

What is the result of tuning an FM receiver above or below a signal's frequency?

- A. Change in audio pitch
- B. Sideband inversion
- C. Generation of a heterodyne tone
- D. Distortion of the signal's audio

Amateur License Test Questions (continued)

Answers are on [page 23](#).

General

G9C12

Which of the following is a characteristic of using a gamma match with a Yagi antenna?

- A. It does not require the driven element to be insulated from the boom
- B. It does not require any inductors or capacitors
- C. It is useful for matching multiband antennas
- D. All these choices are correct

G8C13

What is indicated on a waterfall display by one or more vertical lines on either side of a data mode or RTTY signal?

- A. Long path propagation
- B. Backscatter propagation
- C. Insufficient modulation
- D. Overmodulation

G3A09

How can high geomagnetic activity benefit radio communications?

- A. Creates auroras that can reflect VHF signals
- B. Increases signal strength for HF signals passing through the polar regions
- C. Improve HF long path propagation
- D. Reduce long delayed echoes

G2E13

What is another name for a Winlink Remote Message Server?

- A. Terminal Node Controller
- B. Gateway
- C. RJ-45
- D. Printer/Server



Amateur License Test Questions (continued)

[Answers are on page 23.](#)

Amateur Extra

E1D12

Which of the following amateur stations may transmit one-way communications?

- A. A space station, beacon station, or telecommand station
- B. A local repeater or linked repeater station
- C. A message forwarding station or automatically controlled digital station
- D. All these choices are correct

E7D01

How does a linear electronic voltage regulator work?

- A. It has a ramp voltage as its output
- B. It eliminates the need for a pass transistor
- C. The control element duty cycle is proportional to the line or load conditions
- D. The conduction of a control element is varied to maintain a constant output voltage

E2B07

Which types of modulation are used for amateur television DVB-T signals?

- A. FM and FSK
- B. QAM and QPSK
- C. AM and OOK
- D. All these choices are correct

E3B06

On which of the following amateur bands is long-path propagation most frequent?

- A. 160 meters and 80 meters
- B. 40 meters and 20 meters
- C. 10 meters and 6 meters
- D. 6 meters and 2 meters



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*.**



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. The preferred font is Calibri, 12 point.
- 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
- To enhance readability, use two spaces after the period at the end of a sentence.



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

Weekdays (Mon-Fri) 1130 DMR Net Brandmeister Talk group 310557. Accessible via hotspot, 444.875 (+) CC13 TS2(Dayton East), 444.4375 (+) CC11 TS2 (Dayton West)

Sundays 1900 Newcomers & Elmers Net (Cincinnati) 146.670 (-) (123.0 PL)

Sundays 2000 **BARC Weekly Net 147.045 (+) (118.8 PL) [Alt 443.675 (+) (118.8 PL)]**

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 Opportunity — 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 [BARC Treasurer](#)).

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.

