

BVARC BEACON

Newsletter of the Brazos Valley Amateur Radio Club

SPECIAL SERVICES CLUB

AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

VOLUME 47 ISSUE 8 AUGUST 2023

August General Membership Meeting Notice

Thursday, August 10, 2023, 7:30 PM
Community Volunteer Fire Department Conference Center, 16005 Bellaire Blvd

It is That Time Again – BVARC Annual Ice Cream Social!



And it could not come at a better time! With the heat wave going on, an evening with ice cream and friends is a wonderful thing to make the heat tolerable (not really). So, get your ice cream spoon ready and your appetite warmed up for the BVARC ice cream social.

We do need you to RSVP if you would like ice cream. We will be serving chocolate, vanilla, and strawberry ice cream with a wide selection of toppings. Please send your RSVP to n5vcx@att.net on whether you are attending or not, what your selection of ice cream you would like, and your topping (fudge, caramel, whipped cream, M&M's, cherries, or peanuts). If you need sugar free ice cream, please make sure you indicate that in your RSVP.

Just to remind everyone, the general meeting is held at the Community Volunteer Fire Department, community center, 16005 Bellaire Blvd. The doors open at 7 pm with the presentation starting (when there is one) at 7:30 pm. There will be no presentation at this meeting but Rick, W5RH will be showing another one of his ham radio Trivial Pursuit PowerPoints. We will have a Zoom up for people to watch us eat.

Hope to see you at the general meeting on August 10th!

73*,* N5VCX







Have Anything for the BVARC BEACON?

The newsletter should include the news! What's going on in your amateur radio world? Tell us about any hamfests or sales, OTA events, other clubs' events, applaud a fellow ham's achievements (read about KONM later in this issue!), let us know about lunch groups in your area, any learning or kit build sessions, SK announcements, a place you've visited, something you've learned, pass along a funny or meaningful story, or just send in anything hams should know. Send submissions to dballi@mail.com.

The Prez Sez

With Field Day behind us, we can start coasting downhill to the end of the year. However, coasting is not the right word because we will still have a few things happening at the club:

August Ice Cream Social September Kit Building & Soldering October Hot Spots – Do's & Don'ts

November Chili supper & Elections December Home Brew Night January Annual Awards Banquet

And of course, we have the monthly events and functions – Parks on the Air and Brews with BVARC. So, as you can see, the club will not be coasting at all.

Speaking of the Ice Cream Social, it is a wonderful time to come out and meet club members and have some great ice cream. Daphne, Scott, and Lou Ann will be putting together a great menu for the August 10th meeting. Check the newsletter for more information on Ice Cream Social.

The September meeting will be about kit building and soldering. It will be a broad overview since it would be difficult to cover all points in 1 ½ hour. I will say the meeting is a prerequisite for a future meeting where we will build (or at least start) a kit for the HF operators. More on this next month.

I want to thank Walter Holmes, K5WH, for an excellent program about the South Texas Balloon Launch Team and their activities. Walter's info on the STBLT was great and I learned a lot about their operations and the packages they fly. If you missed the program, check the BVARC web site for the recorded program or just drop Walter an e-mail. He would be glad to hear from you. Thanks again Walter for your time and presentation.

Greater Houston HamFest planning meetings will be starting this month and if you are interested on being on the planning committee or helping, drop me an e-mail at n5vcx@att.net. The GHHF will be a two-day event again this year and will be held on March 1^{st} and 2^{nd} . It has been confirmed that Ham Radio Outlet will be back and hopefully one or two new equipment vendors.

Do not forget the Belton Hamfest – Ham EXPO on October 7th. They have a magnificent event and I know many people in Houston go to the event. Unfortunately, due to rising costs, the admission fee is now \$10. I hope to be there this year selling/giving away many years of treasures (junk). Hope to see you there.

In my travels around Texas I come across many strange antenna installations. I found this in northwest Houston, and I bet it is no longer being used. If it is being used, I wonder if it has a green tint to the picture.

I will be at the August 10th meeting getting ice cream, will you?

73*,* N5VCX



Ham Exam Question

What is the schematic symbol for a light-emitting diode?

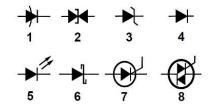
A. 1

B. 5

C. 6

D. 7

(answer can be found later in the newsletter)



The Radio Holel-Madison Electronics Supply

A Historical Reflection – by W5RH

Back in the 80's you could listen to the local 146.36 TDXS repeater and it was a treasure trove of contesting, DX, antennas, towers, the Lumber Yard and Candy Store discussions. All of much benefit to any listener's ham radio edification. Max, Don and David Busick were the proprietors of Madison Electronics Supply —The "Candy Store". It no longer exists, but it was a main stay of the Houston Amateur Radio Community.

Madison Electronic Supply – Location Timeline

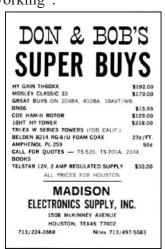
Established – 1956 1956 to 1985 – 1508 McKinney St. Downtown Houston 1985 to June 1990 – 3621 Fannin St. 1990 to early 1993 – 12310 Zavalla St. During all of these years ads (see below) appeared in CQ, Ham Radio and 73 magazines.

Comments from some local hams of some of the goings on---- Mike N5MT -- "I was there to help get the new store ready for business on a volunteer basis. The box that got my attention was not marked with any warnings and so I opened it up to see inside and WOW. I found what looked like a chemistry lab glass tube about 3 or 4 inches in diameter and 12 inches long with two places to empty the tube which had rubber stoppers stuck in each, weighing about 5 to 10 pounds I have no idea where Max found the Mercury."

Rick K5GZR – "The first Madison Electronics store I went to in the early 1960's was in a narrow white one-story building on the west side of Caroline street, just north of Blodgett. The store had two aisles running front to back, with shelves along both outside walls and shelves down the middle between the two aisles. Don't know if they sold anything that wasn't government surplus." Dave K5GN – "I remember Max's answer when you called to ask if he had a particular part: 'Come on down, we've got plenty.' Of course, when you got there if they had any it was very hard to find!" Chuck, W5PR, recalls "One Saturday I was standing at the front counter talking to Don when a guy in an overcoat walked by who was shoplifting a piece of equipment and dragging the cord from the bottom of the coat. As he went out, Don said: "Be careful, you might trip over the cord!". Mike WW5WM – "I was looking around Madison's and Don asked me if I would be interested in coming in on weekends to help. Max sent me to the other building many times to find something only he knew was there. Don was a character unto himself also. More than once we worked DX from the station upstairs while I was supposed to be working".

A few ads from the various publications over the many years







Madison was one of a few ham radio stores that Houston supported over the years. We have none now. 73 W5RH

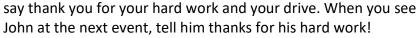
A club the size of BVARC has many parts and pieces to make it functional. Some of those pieces are known and visible like Kori, WX5KR and Anthony, W5LIC with their successful POTA activities. Unfortunately, some people's efforts have not been publicized enough to the club or the amateur radio community and that is not fair to them or their efforts. Starting this month, I will spotlight a member each month whose efforts have not been properly emphasized in the newsletter or the club publications.

So, for my first BVARC Bright Star spotlight, it will be John Denison, KD5YOU. John, who has been a ham since 2003, is active in emergency communications using HF, VHF as well as UHF. He has constructed several different Go Kits over the years utilizing them at different club functions. He is also a member of RACES and Emergency Management Radio Operators Group in Fort Bend County. He also operates Echolink and WinLink nodes for the amateur radio community.



For the past year or so, John has also been setting up and operating a station at the Fulshear Flea market. There have been several people that have seen the station, talked to him and got their amateur radio license.

John and his endeavors have helped the amateur radio community and I want to



73,









The Curs and Curmudgeons You Meet on the Bands

by JP Pritchard K5JPP

I have become a hunter. Oh yes, I do trek out to the parks for activations, but I think I get the most enjoyment from seeking out those who are dealing directly with the mosquitos, the heat, the cold and pesky park rangers who are not yet familiar with our hobby.

Most of the time, no, nearly all of the time, as either hunter or activator, I meet kind and respectful people. The lot of them are in a joyful, if not mirthful state when we exchange call signs, signal reports and park identifiers. And occasionally I encounter someone who is enthralled by their beautiful surroundings and takes the time to describe the scene. Hey, sometimes that happy person is me. I do love being out in nature. However, not all of the creatures you encounter while "doing" POTA (Parks on the Air) are joyful, or even friendly.

Of course, there are the alligators you might encounter at Brazos Bend State Park, and you never know when a conniving beaver might try to steal a fiberglass antenna mast to strengthen its dam at Huntsville State Park. But in this case, I'm talking about two-legged varmints and curmudgeons you'll encounter at radio frequency.

The revelry of my hunting trip on one recent Sunday afternoon was blown up by such a creature. This man was angrily focused on speeding through each QSO. His response to my call sign was white hot aggravation. I can only guess that he didn't like the fact that I asked him to repeat his call sign. Instead of answering that query, he moved on to the next contestant. This time, the hunter calling him was also an activator seeking to complete a Park-to-Park exchange. His response was "I don't care about park to park," and answered the next caller. On hearing his subsequent QRZed, I jumped in with my callsign again to ask him to repeat his. His rude response was "I already talked to you" and went to the next poor slob. Geeeeeze what a grump.

I listened longer in very noisy conditions, finally deciphering his cocky call sign. But did I log it? You can bet a bunch of dits and dahs on that, 'cause I log 'em all.

On arriving back at the home QTH, I then began looking for the identity of the Grand Poo Pah in charge of politeness and courtesy. Turns out there is no "grouch police" in ham radio, so I guess a dedicated hunter/activator just has to put up with a little human QRN sometimes. May the electrons of your QSO's be always positive, I mean negative. You know what I mean...





Dear Members of the Brazos Valley Amateur Radio Club,

My name is Akshay Kapur and I'm a senior at Bellaire High School and BVARC member. We are starting an Amateur Radio Club at our school to encourage students to be a part of the amateur radio community.

We would greatly appreciate any equipment donations (used is fine!) you can offer to support our club's activities. Additionally, we would love to have experienced operators from BVARC to become mentors for our students, guiding them in various aspects of radio communication.

If any of you would be interested in visiting our school to share your knowledge and experiences, we extend a warm invitation. You can contact us at jnewland@houstonisd.org.

Your support will be invaluable to the student community, and we look forward to collaborating with you to nurture the future of amateur radio enthusiasts.

Sincerely,

Akshay Kapur K5AKX & Jimmy Newland N5JFX (Club Sponsor) Bellaire High School Amateur Radio Club

MINUTES

Board of Directors Meeting, Brazos Valley Amateur Radio Club, July 9th, 2023 5:00 PM Via Videoconference **Board Members Present:**

- President Mike Hardwick N5VCX
- Vice President Kori Rahman WX5KR
- Treasurer Dave Ely N5EKW
- Cor. Secretary Jeff Greer W5JEF

- 2 Yr. at Large (A) Directory Anthony Morones W5LIC
- 2 Yr. at Large (B) Director Drew Dasher N1ER
- 1 Yr. at Large Director Terry Leatherland K5PGF

Guests Present:

Daphne K5VQY

Scott KD5FBA

Meeting:

- 1. Establishment of a Quorum: A business quorum of Board Members was established.
- 2. Call to Order: The President called the meeting to order at 5:03 PM.
- 3. <u>Club President's Opening Statement</u>: The President thanked those in attendance for taking the time to join the meeting.
- 4. Emergency business (none).
- 5. Approval of Agenda: Agenda approved.
- 6. Approval of Minutes: Minutes of the previous Board of Directors meeting were approved.
- 7. Approval of Treasurer's Report: The Treasurer's report was approved.
- 8. <u>Corresponding Secretary</u>: Report approved as submitted.
- 9. <u>Old Business</u>:
 - <u>Programs</u>
 - i. July
 - 1. BLT launches coming up Walter Holmes
 - ii. August
 - 1. Ice Cream Social Entertainment Committee
 - 2. Ham Radio Trivial Pursuit Rick Hiller
- 10. New Business (none).
- 11. Next BoD Meeting Date: August 6th at 5 PM on Zoom.
- 12. Adjournment: Meeting adjourned 6:21 PM.

BVARC Rag Chew Net

Below is the BVARC Rag Chew Net check-in information:

06/28/23, K5LKJ (NCS), WA5CYI, WW5PA, K5LJ, W5VOM, KG5ICR, N5VCM, W5ALW, KI5HOC, K5JPP, KF5ONT (Conroe), KK5CK, K5RBC (Lake Jackson), K5TPC (Bellaire), W1BG (Katy), W5TKZ, N5SUD (Spring), KJ5BEG (Spring), N0OHL (RCS)(Woodlands). (19 Check-Ins) Solar Cycle 25: SFI = 151, SN = 141, A = 8, K = 1 / Band Rpt: GOOD

07/05/23, K5LKJ (NCS), K5LJ, K5JPP, K5TPC (Bellaire), KG5ICR, KI5HOC, W5ALW, W5VOM, W5TKZ, KJ5AXC, KC5RJL, KK5CK. (12 Check-Ins)

Solar Cycle 25: SFI = 169, SN = 92, A = 4, K = 1 / Band Rpt: FAIR

07/12/23, K5LKJ (NCS), K5LJ, K5IZO/5 (Jasper), KG5ICR, W5TKZ, W5VOM, KI5HOC, W1BG (Katy), K5TPC (Bellaire), W5ALW, WW5PA (T), K5RBC (Lake Jackson), KI5SKL, KK5CK. (14 Check-Ins) Solar Cycle 25: SFI = 214, SN = 219, A = 8, K = 2 / Band Rpt: FAIR

07/19/23, K5LKJ (NCS), K5JPP, W5RH, WW5PA, W5VOM (R), W5LIC (Bellaire), N5VCM, K5LJ, KI5HOC, K5TPC (Bellaire), W5TKZ, K5RBC (Lake Jackson). (12 Check-Ins) Solar Cycle 25: SFI = 146, SN = 107, A = 8, K = 1 / Band Rpt: GOOD

(M) = mobile (P) = Portable (R) = Relay (RCS) = remote controlled station (T) = telephone check-in

Net conditions have been fair to good this month. Fire up the rig and learn what others are doing and share your experiences. Come join in the conversation each Wednesday evening. Regards. John K5LKJ

KONM Receives Award from Society of Nuclear Medicine



Nizar Mullani, KONM, has received the highest award from Society of Nuclear Medicine for being one of the inventors of PET (Positron Emission Tomography), DermLite (for skin cancer detection) and Veinlite (for finding veins).

Nizar grew up in Tanzania and came to USA in 1963 on a scholarship to Washington University in Saint Louis. After graduating with a BS in Physics he spent 10 years at Washington University Medical School in Saint Louis designing and building positron scanners. Positron scanners have become invaluable tools for staging of cancer progression and regression.

Nizar moved to Houston in 1980 and became an Assistant/Associate Professor at the University of Texas Medical School. He formed a team of engineers

that designed and built two more PET scanners. He has published over 70 papers in Medical Journals.

In 2004, Nizar retired from the University to concentrate on two optical imaging companies he started. DermLite is used extensively for early skin cancer detection, and Veinlite is used to find veins for injections.



Nizar is actively working at the age of 80 and loves CW contesting. He has published in *QST*, *CQ*, and *73* magazines. He has been a member of BVARC since 1993 and recently joined TDXS. Nizar can be reached by e-mail at mullani@tlite.com.

The End of an Era

Some of you may remember the N5VCX tower trailer. It was used for many years at various events in the southeast Texas area. It was used at BVARC Field Day to Museum Ships to the MS150. It was even used at the Wings over Houston Air Show for a few years.

The "highlight" of its life was being used in Beaumont for Hurricane Rita recovery. A ham called and said a tower was needed at Ford Arena to communicate with the 300 ambulances. He said the New Mexico National Guard communications vehicle that was on site only had a 20' pole for antennas which did not work. I drove to Beaumont with the trailer and upon arrival, the guardsmen helped me mount their antenna on the mast. Once in place they were able to communicate with ambulances in Orange.

The trailer started out as a 30 ft light tower. Sometime in the late 90's it was stripped of the generator and axle and abandoned in a construction yard. I was working for an engineering firm that had a project to do radio coverage testing at railroad yards and a portable



mast was needed. The two young engineers with the company found the shell and rebuilt it. While rebuilding they extended the mast to 60 ft with an attempt to go 100 ft which did not work.

While working on the project, I borrowed the trailer for various events. After the project was over, I bought it. After several years of use, the trailer started to show its age and when the mast failed, I knew it was finally time to put it out to pasture after 20 years of service.

July VE - FCC TESTING SESSIONS RESULTS

For the July 8th test session at Bayland Park - we had 7 candidates and conducted 11 tests.

New Licensees:

Upgrades:

Carroll, A (Technician)

KI5SUB (Extra)

Carroll, J (Technician)

KG5REB (General)

Carroll, L (Technician)

Engelbrecht, B (Technician)

Taylor, S (Technician)

Two of the new Technicians are youth and each received a new VHF/UHF HT (see below)!

VEs in attendance – K5GOL, K5LJ, N1ER, WX5KR, KF5BMZ, KG5ICR, NK5Q, and KI5ZHO – **THANKS!**Congratulations to all!

The next BVARC test session will be **Saturday August 5**th. **Pre-registration is required.**

For new licensees the testing fee, paid at the session is \$15. An additional \$35 license fee (totaling \$50) will be collected by the FCC separately for new, renewal and vanity calls. License upgrades **do not** pay the added \$35 fee, just the \$15 session fee.

YOUTH LICENSING INCENTIVE PROGRAM

The ARRL has created a youth program (18 and under) to defray the licensing costs to a total of **\$5** (deducting the \$35 increase and \$10 off the \$15 VE session fee). See: http://www.arrl.org/youth-licensing-grant-program

Also, BVARC is implementing its own program for **youth** licensing.

We'll provide a <u>new VHF/UHF transceiver (Baofeng, limited supply)</u> at the VE session, to youth that successfully pass their Technician test. This is the result of a very generous grant from a BVARC member.

Bottom line, a young person for \$5, can walk into a test session and walk out with a new radio and a pending license.

Examination sessions are held each month, usually on the same day as the Saturday BVARC Board meeting (most times, the first Saturday of the month). These sessions are at the Bayland Park Community Center, 6400 Bissonnet St., Houston TX 77074.

Details for candidates are found at https://bvarc.org/home/ham-radio-license-testing-houston/ Pre-register to attend a test session at: https://hamstudy.org/sessions/arrl/77008/inperson For questions, email Mark Janzer, K5MGJ at (k5mgj@yahoo.com).



2023 Club Officers

President (2022-2023)
Michael Hardwick N5VCX n5vcx@att.net

Vice President (2023-2024)
Kori Rahman WX5KR kori113@gmail.com

Recording Secretary (balance of 2022 – 2023) Jeff Greer W5JEF greerjw@hotmail.com

Corresponding Secretary (2021-2022)
Jeff Greer W5JEF greerjw@hotmail.com

Treasurer (2021-2022)
David Ely N5EKW davidely@prodigy.net

2 Year At-Large Board Member A: (2022-2023) Anthony Morones W5LIC w5lictx@gmail.com

2 Year At-Large Board Member B: (2023-2024) Drew Dasher N1ER adasher18@hotmail.com

1 Year At Large (2023) Terry Leatherland K5PGF k5pgf@yahoo.com

Regularly Scheduled Club Happenings

General Meeting

Both in-person and Zoom Second Thursday each month, 7:30 PM Check www.bvarc.org for more current info.

Board of Directors Meeting

The Saturday before the 2nd Thursday, 9 AM
Both in-person and Zoom. **Check the website** as this might change. (August meeting is Sunday, August 6, at 5 PM)
Bayland Park Community Center
Bayland Park, 6400 Bissonnet, Houston
Check www. bvarc.org for more current info.

Volunteer Examiner Program

The monthly ham testing session takes place on the same day and location as the BOD Meeting, at 10:30 AM. However, please check the BVARC website for any last-minute changes or updates.

The meeting location is open, however please check www. bvarc.org for updates.

Rag Chew Net 3910 KHz ± 3KHz Wednesdays at 7 PM

Public Service Net Monday night on 146.94- (167.9) at 8 PM

<u>Stir Crazy Net</u> Monday-Friday on 146.94- (167.9) at 12 PM Check www.bvarc.org for current info.

<u>Greater Houston Simplex Net</u> 4th Thursday, propagation net, at 7 PM, on 146.54 MHz simplex and an alternate frequency of 147.54.

QuestionAIR every Tuesday at 7 PM on 146.94, negative (-) shift, PL Tone of 167.9.

BVARC POTA

Sunday August 27 10 AM - 5 PM at Lake Livingston State Park

Advertising in the BVARC BEACON

Business card sized ads are \$10 per month or six months for \$50. Half (½) page ads are \$25 per month, \$125 for six months, or \$250 per year. Full page ads are \$50 per month, \$250 for six months, or \$500 for a year.



BVARC EATING SCHEDULE

SATURDAY MORNING BREAKFAST

IHOP on SW Freeway inbound service road, near Kirkwood at 7 AM.

OTHER HAM GROUPS:

WEDNESDAY LUNCH BUNCH

Luby's Cafeteria, W. Airport & FM-1092 (Murphy Rd) at 11AM.



Hamfests Near Houston

09/25/2023 - 09/29/2023 RV Radio Network Fall Rally

Location: Fredericksburg, TX
Type: ARRL Convention
Sponsor: RV Radio Network

Website: http://www.rvradionetwork.com

10/06/2023 - 10/07/2023

Belton HamExpo Location: Temple, TX Type: ARRL Convention Sponsor: RV Radio Network

Website: https://tarc.org/hamexpo/

03/01/2024 - 03/02/2024 Greater Houston HamFest

Location: Rosenberg, TX Type: ARRL Hamfest

Sponsor: Brazos Valley Amateur Radio Club **Website:** http://www.houstonhamfest.org



Ham Exam answer: B, symbol #5. The symbols are:

- 1. Variable voltage diode
- 2. Tunnel diode
- 3. Zener diode
- 4. Rectifier diode
- 5. Light emitting diode
- 6. Schottky diode
- 7. Thyristor
- 8. Triac

BRAZOS VALLEY AMATEUR RADIO CLUB

This newsletter, the BVARC BEACON, is a monthly publication of the Brazos Valley Amateur Radio Club. For a full listing of officers and information about BVARC, please go to www.bvarc.org. Detailed information will be published in the BEACON every 3 or 4 months. Similarly, the "Eating Schedule" will be published every 3 or 4 months unless there is a change.

General membership dues are \$25 per year, with student dues \$10 per year, additional family members \$5 per member per year.

Club meetings are both in-person and via Zoom on the 2nd Thursday of each month at 7:30 p.m. If you have signed up for the email reflector, you will receive notice and the attendance password, etc. It will also be on the website a few days beforehand.

BVARC amateur radio testing takes place typically on the Saturday before the 2nd Thursday of each month at 10:30 AM. Location: Bayland Park Community Center, 6400 Bissonnet, Houston, 77074. **Before going** please check the BVARC website for any changes. A Public Service Net is held each Monday at 8 PM on the 146.94 (minus offset, PL 167.9 tone) repeater.

A "Stir Crazy Net" is also held weekdays at 12 Noon on the 146.94 (minus offset, PL 167.9 tone) repeater.

A rag chew net is held each Wednesday at 7 PM on 3910 KHz +/- 3 KHz.

The QuestionAIR Net is held every Tuesday at 7:00 PM on the 146.94 (minus offset, PL 167.9 tone) repeater.

To obtain information about joining BVARC or its activities, see the BVARC website: www.bvarc.org

Other contacts: **BVARC President** Mike Hardwick N5VCX <u>n5vcx@att.net</u>, **Newsletter Editor** Donovan Balli KG5BDZ <u>dballi@mail.com</u>, **Editor Emeritus** John Chauvin K5IZO <u>k5izo@yahoo.com</u>, **Newsletter Printing**, **Assembly**, **and Mailing** Mike Hardwick N5VCX <u>n5vcx@att.net</u>, Jeff Greer W5JEF greerjw@hotmail.com, Gokhan Koralturk KG0KHN gokkor@gmail.com

VOLUME 47, ISSUE 8

AUGUST 2023

BRAZOS VALLEY AMATEUR RADIO CLUB P.O. BOX 2997 SUGAR LAND, TX 77487-2997

ADDRESS SERVICE REQUESTED

FIRST CLASS POSTAGE

Board of Directors Meeting – 5 PM Sunday, August 6, 2023, via Zoom General Membership Meeting – 7:30 PM Thursday, August 10, 2023 BVARC POTA – 10 AM – 5 PM Sunday, August 27 at Lake Livingston State Park

If your mailing label is highlighted in color, it's time to renew your membership!