



BVARC BEACON



Newsletter of the Brazos Valley Amateur Radio Club
AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

AUGUST 2019

VOLUME 43 ISSUE 8

BVARC AUGUST GENERAL MEMBERSHIP MEETING

Thursday, August 8, 2017 7:30pm, at the Imperial Park Sugarland Recreation Center at 234 Matlage Way, Sugar Land TX, 77478 – It's right across the street from the Post Office

It's been a hot, humid and not very rainy summer, typical for Texas. It'll be time to cool off with some creamy frozen **HOMEMADE** ice cream supplemented with some **Blue Bell** and desert snacks (brownies, cookies, etc.) at the August BVARC meeting. Come hungry! A welcome and longstanding BVARC tradition, the Ice Cream Social! At this meeting we'll also be distributing special awards for Field Day.



Report on the July General Membership Meeting

We met at the new, posh, meeting location at the Sugarland Rec Center. The meeting was very well attended with a program about field stations and antennas, the majority QRP related – W5TOM and KF5TFJ provided professionally edited videos of stealth and emergency antenna configurations – other members presented including KB5YTA, N5VCZ and W5ACM (with a featherweight balsa wood encased xcvr).



The Prez Says

Normally summer starts ending around this time, but it doesn't seem like it will anytime soon. So, whether ending or not, everyone should know time it is – it's Ice Cream Social Time! This year we are bringing back the original Ice Cream Social when everyone made – HOMEMADE ICE CREAM! Everyone needs to get the old ice cream freezer out and start "a crackin". We need lots of ice for the meeting, so we need the BVARC ice cream factory churning it out! Contact Daphne Rawlinson, Kelli Medbury or Anita Easter and let them know what kind of ice cream you are making. And don't worry, we will have back-up plan with our local Blue Bell if needed. Before I forget though, there will be awards presented for the top scorers in CW and SSB at the Ice Cream Social. There will also be several prizes given away as well as the regular BVARC raffle during the meeting. So, get cracking, and get you're your spoons ready to feed your appetite!

The new meeting location is working out well. We are scheduled to have the general meetings at the Imperial Park Recreation Center through December. However, the room will be taken on our October meeting date so BVARC will be going on a Field Trip. Details are still being worked out, but the club will be meeting in Houston at the Transtar building on Washington avenue. We will have a tour of the ham radio room, the Emergency Operations Center and the Traffic Management control room. So, bring your camera so you can take lots of pictures!

I want to mention that the 2019 Quad Club Mega Field Day was one of the best ever. We had over 150 people show up over the three days for set-up, operations and tear-down. Our score was one of the best for the club and the food was beyond perfection. Enough from me, check the newsletter for the full article from Ron Litt, K5HM.

The July meeting went extremely well with QRP kit displays as well as QRP packages. I want to thank Jimmy, Jon, JP, Tom and Andy for bringing equipment and doing a video presentation. Everyone brought a different viewpoint on QRP and how it's done so everyone that saw the program should now be experts. If not, I am sure that any of the presenters would be glad to help get you on the right track. I know it's now N5XZ's normal power level but QRP is fun and everyone should give it a try (especially when the bands are better!).

Club elections are coming up so start thinking about helping with the club. If you would like to volunteer by helping the club with the day-to-day activities, throw your name in the hat for position on the board of directors. You can have someone nominate you from the floor before the elections or you can let someone on the board know you are interested. The positions that are coming up are president, recording secretary, two-year director, one-year director (I believe this is correct but check next month's newsletter for the correct positions).

And finally, some big changes coming up for the Greater Houston HamFest!

73,
N5VCX

JULY VE - FCC TESTING SESSION RESULTS

For the Saturday July 6th test session: We had 3 candidates.

New Licensees:

O'Keefe P. (Technician)

Sharer Z. (Technician)

Litteaur R. (General)

Note that Mr. Litteaur walked in without a license and walked out with a General!

Congratulations to all!

A great thank you to the VEs in attendance – K5LJ, and K5LER.

Of these testing candidates – one is a new BVARC member!

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

Details for candidates are found at www.bvarc.org/home/amateur-license/

Call Mark Janzer, K5MGJ at (832) 875-0526 or eMail: (k5mgj@yahoo.com) to pre-register.



RADIO TESTING EQUIPMENT FUNCTIONS

On Saturday, August 31st 2019 at 12:00 NOON, at EPO, there will be a workshop demonstrating numerous RF testing techniques and equipment. The workshop will be presented by Richard Gillette, W9PE.

His presentation will be a virtual RF Lab, displaying many RF functions in both the time domain and the frequency domain using signal generators, a multiplier/s and phase modulators. An Excel based program with graphs, a multi-channel oscilloscope and a spectrum analyzer will be used during the workshop.

The lab provides a way to introduce RF functions to students, and as the generators allow clipping distortion up to square waves, those with more experience can see various undesired effects including audio clipping, over modulation, RF clipping and a lot more. A full IQ phasing method SSB generator is included, with user adjustable variables.

Mr. Gillette holds a BSEE from the Illinois Institute of Technology, an MBA from Loyola University of Chicago and is an Illinois, Licensed Professional Engineer. He early engineering experience included employment at Beltone Electronics and Knight Kit.

He started at Hallicrafters as an engineer designing ECM receivers. As Hallicrafters evolved to Northrop Grumman, he held a number of positions in engineering, research, marketing and program management, including VP of Engineering. Richard retired from Northrop Grumman with 30 years of service. He then started R. F. Gillette Inc. where he worked as a consultant through 2017.

He is an IEEE life senior member and active in both the IEEE Houston and Chicago/Rockford Consultants Network. He is an Old Crow, a past Windy City Chapter President and a recipient of the Old Crows Technology award. Licensed first in 1952 his HAM call is W9PE.

This workshop is available for everyone, from the middle school student to the post-graduate hobbyist, and his many former students he would enjoy seeing again. There is no charge to attend. **Please RSVP so we can know if we need to schedule a second class to prevent overcrowding. Please RSVP by 6pm Friday, August 30th.** We hope to see you here!

If you are interested in sharing your knowledge and presenting a workshop in our store, please come talk to me. We are planning some events for the fall and are looking for presenters.

Chris Macha, Owner
Electronic Parts Outlet
3753 Fondren Rd,
Houston, TX 77063
713-784-0140

www.epohouston.com
operations@epohouston.com

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BVARC Rag Chew Net

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

07/03/19, K5LKJ (NCS), W5TKZ, W5TOM, K5LJ, K2MPP, N5EKW, KE5EYX, KJ5Y (RCS)(W5FMH/club) (Angleton), K5HM. (9 Check-Ins)
Solar Cycle 24: SFI = 67, SN = 0, A = 5, K = 2 / Band Rpt: Fair

07/10/19, K5LKJ (NCS), K5JPP, K5LJ, W5VOM, N5EKW, W5TKZ, W5TOM, K2MPP, AA0ST (Dickinson), W5RH, KG5VBE. (11 Check-Ins)
Solar Cycle 24: SFI = 66, SN = 0, A = 4, K = 0 / Band Rpt: Good

07/17/19, K5LKJ (NCS), W5TKZ, K5LJ, K2MPP, , AA0ST (Dickinson), K5JPP, W5TOM, AA5OA (Fort Smith, AR), KG5WPE, W5RH, WA5ANF (T).
(11 Check-Ins) Solar Cycle 24: SFI = 67, SN = 0, A = 7, K = 1 / Band Rpt: Fair

07/24/19, K5LKJ (NCS), W5TKZ, K5JPP, K5LJ, WW5PA/5 (M), N5EKW, AA0ST (Dickinson), K2MPP, AA5OA (Fort Smith, AR), KG5WPE, W5VOM (T).
(11 Check-Ins) Solar Cycle 24: SFI = 67, SN = 0, A = 6, K = 2 / Band Rpt: Fair

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

Net conditions have been fair this month. Learn what others are doing.
Come join in the conversation each Wednesday evening. Regards. John K5LKJ

P.S. – How is the amateur radio station build coming along. Can we help?

The Radio Hotel Designing a Coil-Loaded (short) Dipole

by Rick Hiller W5RH

This is part 1 of a 2 part “cook book” article on designing (part 1) and building (part 2) a shortened and coil-loaded dipole antenna. Although you can apply this technique to most any frequency, it is most applicable for 80 meters where a halfwave dipole length for mid-band (3.7 MHz) is 125 feet. Typically, too long for most of city lot back yards.

By shortening a dipole, you run into a few characteristic changes. As you shorten it, the feed Z’s resistance, R, decreases. But, the feed Z’s capacitance reactance, xC, increases, hence we use xL, inductive reactance (coils), to cancel the xC. Making the antenna resonant again. Also, they become slightly less efficient and the operational (3:1 SWR) bandwidth decreases. But..... it is “wire in the air”. Right where we want it.

The “coil loaded” example below is a design for 3910 KHz – for the BVARC Rag Chew Net.

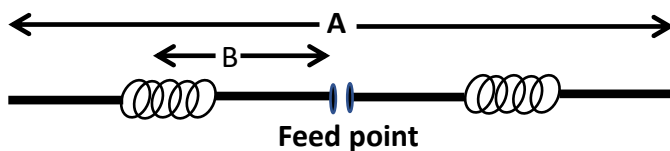
Note: This design method is fully explained in QST Sept 1974 by Gerald Hall page 23-25 or in the ARRL Antenna Handbooks 1974 thru to the 2003/2005 editions – Chapters on Antennas for Restricted Space or Low Frequency Antennas.

Design Steps : Determining the loading coil values (reference the graphics below)

- Calculate the length of a full size ½ wl dipole $468 / \text{FMHz}$ $468 / 3.910 = 119.7$ feet
- Measure the space you have to hang the dipole – between 2 trees or 2 poles, etc. My yard space = 62 feet
- Calculate the percentage of reduction. Space available vs. a Full size dipole. $62' / 119.5' = .50$ or 50%
- Note: Best / practical placement for the coils is about 50% out each side.
- Use the diagram and graph to figure the xL value required for each coil

A= 50% size with a B=50% coil location means 950 xL in each coil – the circled value on the graph.

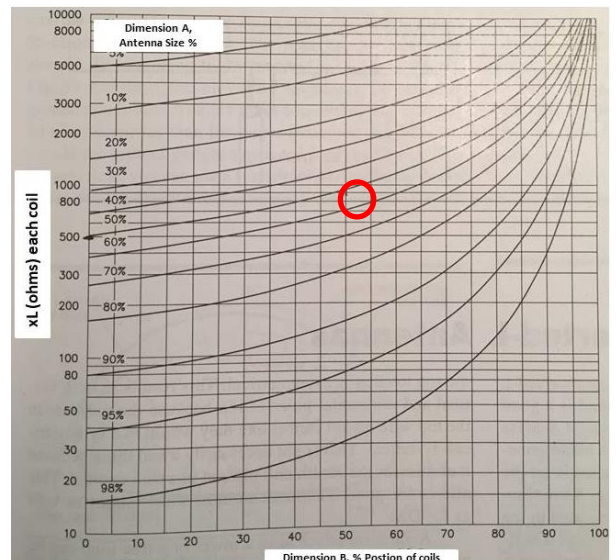
- Convert xL to L $xL = 2\pi F L$ then $L = xL / 2\pi F$ or $L = 950 / 6.28 \times 3.910 \times 10^6$ $L = 38.6$ uH each coil



Note: We’ll build the 38.6 uH coils in Part 2.

Remember, height above ground influences the Feed Z. EZNEC modeling of the short, resonant antenna at different heights shows varying values of feed Z:
Deployed at 25’- 8 ohm at 35’- 21 ohms at 50’- 25 ohms

I know with these feedpoint values the SWR seen on the transmission line will be as much as 6:1, but an analysis with TL Details shows that at 3.9 MHz, even 100’ of RG8X has a total loss of less than 1 dB. Just install a tuner at the shack end to ensure your xcvr sees about 50 ohms to maintain full 100 watt output. See the typical radiation pattern – below, right.



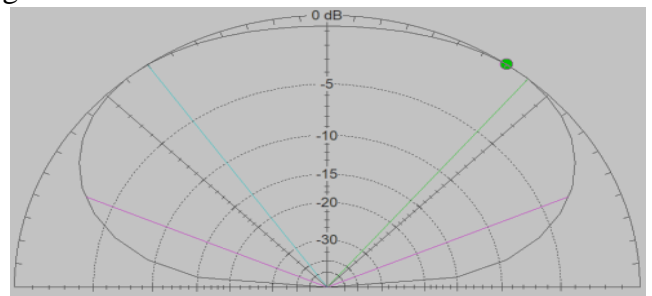
Find practical references on the BVARC Tech pages:

K5LJ’s Shortened Dipole Study for BVARC’s RC Net

<http://bvarc.org/Tech/ShortenedDipole.pdf>

The (K5)LKJ Wednesday Night Special Antenna

http://www.bvarc.org/Tech/LKJ_Wednesday_Night_Special.pdf



Build it. Part 2. Next month. Enjoy your hobby. 73,W5RH



ANTENNA WORKSHOP

Coming Saturday, August 17th, 2019 at 12:00 NOON, at EPO, an Antenna workshop will be presented by David Wells, Audio Electronics Professor at Houston Community College.

This workshop will go over the basics of how wire antennas work, their physical construction, and how to build various types of dipoles, off-center fed dipoles and full-wave loops antennas for amateur radio. David Wells has been teaching at HCC for over 21yrs and is an avid HAM radio enthusiast.

This workshop is available for everyone, from the middle school student to the post-graduate hobbyist, and his many former students he would enjoy seeing again. There is no charge to attend. **Please RSVP so we can know if we need to schedule a second class to prevent overcrowding. Please RSVP by 6pm Friday, August 16th.** We hope to see you here!

If you are interested in sharing your knowledge and presenting a workshop in our store, please come talk to me. We are planning some events for the fall and are looking for presenters.

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BVARC Monday Night Public Service Net Updates

As this issue of The BEACON goes to press, this information is not available. Look for it to be captured in next month's issue.



Where in the World is . . .
Duhacsek Park
KK5W 10A STX GOTA-K5DX
FD 2019

In the beginning, the site was without form and void, but we could see it had potential. It wasn't much really. Just a little 50-acre greenspace donated to the City of Sugar Land, Texas by Walter and Virginia Duhacsek. The property included the Duhacsek homestead; a midcentury single-story residence though empty of furniture, could be used for group activities.

After three years of negotiations with the city, we got permission to use the park for our field day activities in 2018. Last year was a trial run for 2019.

At 0000 UTC Friday the transformation began. Four Houston area clubs came together for Field Day 2019. Dubbed the Quad Club Mega-Field Day it included amateurs from the Brazos Valley Amateur Radio Club (BVARC), Texas DX Society (TDXS), Katy Amateur Radio Society (KARS) and Houston Echo Society.

Planning began almost a year ago after our first use of the Duhacsek QTH. We learned a lot from that experience. This year we wanted to go big! After all, everything is bigger in Texas, so 10 Alpha it was. BVARC President, Mike Hardwick, N5VCX assembled a stellar planning team including Bill Cordell, W5VOM and Jimmy Vance, W5ZTX.



Antennas Going Up!

Outside temperatures soared into the 90's. Hydration was the key for the set-up crew to stay safe. **Although, there was a lot of discussion about claiming a multiplier for temperature.**

With 50 acres of open pasture, the antenna field was ideal. Antenna crew chief Bill Cordell, W5VOM donated the man lifts and supervised all the antennas installations. We planned for parallel CW and SSB operations. To make that happen we had two arrays, a Tri-bander for 10,15, and 20 meters stacked above a 40-meter beam for both modes. They were each mounted on Man-Lifts at 65 and 50 feet, so they could be raised and lowered easily. We had a 3 Element beam for 6 meters and additional Dipoles for 20, 40 and 80 meters. Two Beverage antennas were deployed as part of an experiment. Based on the comments received; they will be back next year.

Space Allocation

The house has three bedrooms, two full baths, a large living room, dining area and a fully equipped kitchen. The largest bedroom was dedicated as a dormitory for operators to take a quick nap between shifts. The other two bedrooms were allocated to CW/Digital and SSB operations. The CW room was slightly larger and included two stations for RTTY and FT8. The living room was set up as a



lounge area for operators coming in or going off shift, for visitor orientation and for dining.

Keeping the rooms cool was a challenge. As we learned in 2018, 10 transceivers, power supplies, computers and operators generate a lot of heat. Shack Chief, Vance provided two portable air conditioners to supplement the house AC. He added temporary panels of Styrofoam to cover the windows. That offered some additional insulation and prevented outside glare from washing out computer screens.

Standard Operating Strategy

Preparation, preparation, preparation! We wanted all transceivers to operate identically to simplify training and minimize surprises. All the operating positions were the same. For our standard rig we went with the Elecraft K3/K3s. They were all loaded with the same firmware version, The K3 also has different settings for electret or dynamic microphones, we chose Yamaha CM500 headsets for all positions. For operators that might be a little icky about sharing headsets, we provided disinfectant wipes and disposable headphone covers.

Network Chief, Glenn Anderson, WB5TUF provided all the computers and network technology that allowed us to run the logging software with real-time score accumulation. Glenn handled all the computer set up too. He also made sure that all the transceivers were running the same firmware to ensure that all radios would perform identically.

The computer workstations were all loaded with the same version of Windows 7 and the latest update of N1MM Logger Plus networked together. Most importantly, this made operator familiarization standard.

As a group, it was decided to operate as if it were a contest. Potential operators from all four clubs were invited to training sessions held at BVARC and Katy ARS. The focus was to familiarize potential operators with the Elecraft K3 and contest operating techniques.



To get the maximum score, we had a Bonus Chairman, WB5TKI, Doug. He did a stellar job rounding up as many bonus points as possible. For the GOTA station, we had the use of the Fort Bend County Regional Communications unit, it was the highlight of Saturday operations. There was a press release, educational information table and even me, your author as Safety Officer.

A total of 179 hams from the four clubs made up the team covering set up, tear down and the contest operating period.

Iron Chef Field Day.

Food is always a big part of Field Day. Keeping the team running at top efficiency, our own Iron Chefs, Kelli KG5QJE, Daphne K5VQY and Anita,

prepared meals for the teams of set up people and operators beginning with supper on Friday. Operators on shift could choose to have their meal delivered to their operating position or to the lounge area.



There were Breakfast Tacos in the morning. Plenty of coffee, water and lemonade during the day. Texas BBQ at night kept the team charged up.

Aaand, They're Off!

At 1800 UTC, the contest began. Yes, officially it is not a contest but just a demonstration of emergency communications capability. Why do they keep score then? If it looks like a duck, talks like a duck and quacks like a duck, it's probably a duck. Operators signed up for one-hour slots in advance of Field Day with an online spreadsheet. The sign-up sheet was developed and hosted by Allen Brer, N5XZ. The sheet was transferred to hard copy just before the start of Field Day. It stayed at the Contest QTH. If a participant wanted an extra shift or did not get a chance to sign up online, they could do so right there.





The highlight of Saturday's operations was a visit from our elected official, Fort Bend County Sheriff Troy Nehls. The Sheriff literally dropped in on the front lawn of our Field Day HQ! In his nearly one-hour visit, the Sheriff toured the operating positions and asked many questions about Amateur Radio and what we could do with our equipment in an emergency.

Band conditions were as good as could be expected, considering where we are in the solar cycle. But there was plenty of activity. It is a good thing there are no multipliers for state or section in Field Day as there are in other contests. We just had to make QSO's.



Visitors

We had plenty. And they had plenty of questions. BVARC President, N5VCX, Mike took on the duty of guiding visitors through our site and answering the myriad of questions and pointed them to the GOTA station. We also conducted tours of our Field Day antenna farm, pointing out the purpose of each antennas and the safety markers.

The Final Score

The results of our efforts paid off. Preparations and planning resulted in our biggest score ever. Operating in class 10A turned some heads. I know I had stations asking for repeats on my

class. In 10A we were literally in a class by ourselves. We made 4125 contacts. **Our final submitted score is 16,826 points.**

KE7NSB

Finally, I want to dedicate this year's Field Day effort to Jo Keener, KE7NSB (SK). Jo long-time member of BVARC and enjoyed Motorola VHF gear. Jo also was an expert on types of firearms, He was net control of the local Gun Net and had an active reloading business. He passed away earlier this year.



was a many

Reporting from the Dark Side,
Ron Litt, K5HM



Cutting Through the Static

We were all newbies once and I still am. I was first licensed as a Novice in the 60's, got a job and discovered girls, and that was the end of that. But I always knew I would get back to it someday. I just didn't realize it would take me 50 years to do it.

I jumped in with both feet and have faced lots of challenges, but I've also received a lot of help. So now it's my turn to give some back, and hopefully, this column will help other hams who are just getting started. And I hope you'll help me along the way.

To those new to the hobby, my first word of advice is don't be afraid to ask for help. There are many knowledgeable hams in BVARC world, and many are quick to step up for those who need a hand, or even just a bit of encouragement.

Use the reflector to ask for an assist. I did that when I was swimming in circles, trying to decide on my first HF rig. I got a lot of advice, and one member not only loaned me a Yaesu 857D, he helped me to setup a 20-meter dipole in my backyard.

I'll explore a range of ideas for newbies in this column and would welcome your suggestions for future topics. Please email me with your ideas at K5JPP@arrl.net --JP Pritchard

MINUTES
Board of Directors Meeting
Brazos Valley Amateur Radio Club

July 6, 2019 9:00 AM
Bayland Park Community Center
6400 Bissonnet, Houston, Texas

Board Members Present:

Mike Hardwick N5VCX (President)
Mark Janzer K5MGJ (Vice President)
Jon Noxon KF5TFJ (Rec. Secretary)

Jeff Greer W5JEF (Cor. Secretary)
Donovan Bali KG5BDZ (Treasurer)¹
Scott Medbury KD5FBA (Directory 2Yr)
Jimmy Vance NA5D (Director 1Yr)

Visitors

David Brunetsuper²
Andrew Lynch²

Recorded by Jon Noxon, KF5TFJ Recording Secretary

- 1) Call to Order: The President called the meeting to order at 9:04.
- 2) Establishment of Quorum: A business quorum was established.
- 3) Approval of Agenda: The Agenda was approved
- 4) Club President's Opening Statement: The President thanked those present for attending the meeting.
- 5) Emergency Business: None
- 6) Approval of Minutes from Previous BOD Meeting: The Board approved the minutes for the June 2019 BoD meeting.
- 7) Approval of Treasurer's Report: The Board approved the Treasurer's Report (Treasurer was present via telecon).
- 8) Corresponding Secretary: (verbal report) A few BVARC renewal checks received. Correspondence directed to Museum Ships Weekend was handed off to MSWE coordinator (QSL related). Correspondence related to Masonic Lodge lease in hand.
- 9) Old Business:
General Membership Meetings scheduled as follows, with topics not listed to be determined:
July 11, 2019 – QRP night. This meeting to be the first at a new location: 234 Matlage Way Sugar Land TX, 77478
August 8, 2019 – Ice Cream Social. Dafney and Kelly co-coordinators.
September 12, 2019 – TBD. (possible joint meeting with TDX September or October)
October 10, 2019 – TBD.
November Chili Supper and elections.
December Home Brew Night.
Status of donations to Stewart (A/C and electrical improvements). **HELD IN ABAYANCE**
Topics for future meetings. Virtual Meeting via Skype; u-build-it project in two parts: presentation at club meeting and actual smoke solder build session at Bayland Part on the following Saturday. (Arduino watt meter suggested); Raspberry Pi presentation (could be hands-on with Pi Zero-W (\$5.00 at Microcenter)); road trip to nearby facility i.e., TransStar, Space Center. Email blast to solicit meeting ideas needed.
- 10) New Business:
Funding for repairs to donated StepIR vertical approved.
- 11) Cost Saving Measures:
Status Continue looking into this on an on-going item. Masonic Lodge to be abandoned; Awards Banquet and Storage Locker are the remaining major expenses.
- 12) Next BOD meeting date: July 6, 2019
Future BoD dates: (all 2019) Aug 3, Sep 7, Oct 5, Nov 9, Dec 7 (Possible conflict with Pearl Harbor Event @ Stewart)
- 13) Comments: The Board engaged in discussions with David Brunet and Andrew Lynch of Innovation-SPARK, a non-profit organization devoted to the Makers Movement, with the possible aim of holding a joint event at the Greater Houston Hamfest. The Board wished to develop this concept further, realizing many possible issues will have to be solved
- 14) Adjournment: Meeting adjourned at 10:12am

2019 Officers:

President (2018-2019)
Michael Hardwick, N5VCX
n5vcx@att.net

Vice President (2019-2020)
Mark Janzer K5MGJ
k5mgj@yahoo.com

Recording Secretary (2018-2019)
Jon Noxon KF5TFJ
jon@noxon.cc

Corresponding Secretary (2019-2020)
Jeff Greer, W5JEF
greerjw@hotmail.com

Treasurer (2019-2020)
Donovan Balli, KG5BDZ

2 Year At-Large Board Member A: (2018-2019)
Michael Monsour AC0TX
msircq@gmail.com

2 Year At-Large Board Member B: (2017-2018)
Scott Medbury KD5FBA
smedbury@windstream.net

1 Year At Large (2019)
Jimmy Vance, W5ZTX
w5ztx@gmail.com

Regularly Scheduled Club Happenings:

General Meeting

Second Thursday each month, 7:30 PM
Imperial Park Sugarland Recreation Center at
234 Matlage Way, Sugar Land TX, 77478

Board of Directors Meeting

The Saturday before the 2nd Thursday, 9:00 AM (For Sept., check website)
Bayland Park Community Center
Bayland Park, 6400 Bissonnet, Houston.

Volunteer Examiner Program

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

Rag Chew Net

3910 KHz +/-3KHz Wednesdays
at 7:00 p.m.

Public Service Net

Monday night on 146.94 (167.9) at 8:00 PM



Advertising in the BVARC Newsletter

Rates are as follows; \$25 per month for ½ page, \$125 for six months and \$250 for one year. The rates for a full page are as follows; \$50 per month, \$250 for six months and \$500 for the year.



BVARC EATING SCHEDULE

SATURDAY MORNING BREAKFAST

IHOP, 7:00a.m., SW Freeway inbound service road, near Kirkwood.

OTHER HAM GROUPS:

WEDNESDAYS – WEDNESDAY LUNCH BUNCH

LUBY'S CAFETERIA, 10:30a.m. to 12:00Noon +,
South Post Oak Road, just south of the I-610 Loop in Meyer Park Shopping Center.

WEDNESDAYS – AMSAT & QRP GROUP

PAPPAS BARBECUE. 11:30a.m., SW corner Westheimer & Gessner.



Hamfests

(typically within 200 miles of Houston)

Hamfest info for the next few months. More information at:
<http://www.arrl.org/hamfests.html#listing>

08 / 2 & 3 / 2019 | South Texas Section Convention, Austin Summerfest 2019

Location: Austin, TX

Type: ARRL Convention

Sponsor: Austin ARC & Texas VHF-FM Society

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

10/05/2019 | HamEXPO Fall 2019

Location: Belton, TX

Type: ARRL Hamfest

Sponsor: Temple Amateur Radio Club

Website: <http://www.tarc.org/hamexpo>

10/19/2019 | South Texas Hamfest & Electronics Expo

Location: Sinton, TX

Type: ARRL Hamfest

Sponsor: South Texas Hamfest Association

Website: <https://southtexashamfest.org/>

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 \$25.00 per year, with student dues \$10.00 per year, additional family members \$5.00 per member per year.

Club meetings are normally held on the 2nd Thursday of each month at 7:30 p.m. at the Sugar Land Masonic Lodge, 421 Eldridge Rd, Sugar Land, 77478. Check the above website for any possible changes.

BVARC amateur radio testing has resumed. It 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 p.m. on the 146.94 (minus offset, PL 167.9 tone) repeater.

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

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

Other contacts include:

President:, Mike Hardwick, N5VCX, n5vcx@att.net

Newsletter Editor, John Chauvin, K5IZO, k5izo@yahoo.com

Newsletter Printing, Assembly and Mailing: Daphne Rawlinson, K5VQY, daphne_rawlinson@hotmail.com.

Cameron Mitchell, K5CAM, k5cam@arrl.net ; Mike Teers, KG5SXG, miketrs@windstream.net

JP Pritchard, K5JPP, jppnews@comcast.net; Esther Pritchard, elop@comcast.net

NOTE: Officers, advertising and eating schedule are on the website. They will only be published in the Newsletter every few months.

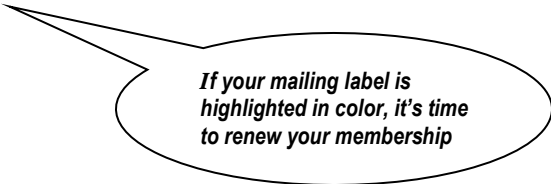
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