



BRAZOS VALLEY AMATEUR RADIO CLUB



AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

JUNE 2017

VOLUME 41 ISSUE 6

BVARC JUNE GENERAL MEMBERSHIP MEETING

Thursday, June 8, 2017 7:30pm, 421 Eldridge

We'll be making final preparations for Field Day – June 24th and 25th. We'll have a report on the outcome of Museum Ships Weekend Event. And a verbal report on Ron Litt's (K5HM) odyssey to Xenia (Dayton).



Report on the May General Membership Meeting

In addition to talking about upcoming Field Day and Museum Ships Weekend - Jon Noxon (KF5TFJ) and Mark Janzer (K5MGJ) gave a presentation and demonstration of WSPR Net (Weak Signal Propagation Reporting Network) and the antenna performance analysis that can be had from the live reported data from WSPR's internet beacon site.



BVARC Amateur Radio License Testing

May 10, 2017 brought the end of era with amateur radio testing at BVARC. On that day, BVARC ended support and sponsorship with John Moore, KK5NU, and his testing group.

I want to thank John Moore, KK5NU, and his testing team for his service for the last 17 years. John picked up the reins for testing when Harold Parker stepped down in 2000 and has been the VE liaison since then. I wish John and his testing group good luck in any of their future endeavors.

Beginning in August, Brazos Valley Amateur Radio club will start with its own testing group. More information will follow in the next few weeks about the group as well as the new location so keep checking the web site as well as the newsletter for information.

Mike Hardwick, N5VCX
President
Brazos Valley Amateur Radio Club



June Board of Directors Meeting Rescheduled

The June BOD meeting, originally scheduled for June 3, has been rescheduled and will be a conference call, held on the evening of Thursday, June 1. Check the website for details.

Prez Says

Summer is just around the corner and that means three things – Museum Ships Weekend, Irving Hamcom and Field day. These three events make June a popular month for amateur radio so get ready for busy month.

Museum Ships is coming up the first weekend of June and by everything that has happened so far, it looks like it will be one of the most attended MSWE in quite some time. If you would like more information or would like to come out that weekend, let Mark Janzer, K5MGJ so he can put you on the list.

The weekend after MSWE will be Irving Hamcom. It is one of the biggest amateur radio functions in the state and we should try and attend and support Hamcom. By supporting this event, it supports amateur radio. I hope to see you there on June 9th & 10th

Then in just a few weeks after Hamcom is Field Day. This year the Katy Amateur Radio club has joined us making this a 4 club event. Scott Medbury, KD5FBA is working hard putting the event together along with the folks at TDXS, ECHO and KARS. As last year, the event will be held at the Pecan Grove Volunteer Fire Department station 1. More information will be on the web site in the weeks to come. If you would like to help or operate, let Scott know.

Don't forget the other club activities coming up: the ice cream social in August, the elections and Chili supper in November and home brew (no not home-made beer) night in December. I would still like to bring back the BVARC camping trip in September or October. If anyone would like to put this together, let me know.

And for everyone that is not aware about the BPMS150 this year, it was great success with nearly 10,000 riders and over 2,000 volunteers. Over 100 amateur operators supported the communications on the event over the two days. I really want to thank everyone for their hard work. The event is a great place to learn about emergency communications for ARES and RACES. If you have not worked a public service event, make sure you put it on your list to do in the future. Put your radio and license to a great use!

Last but not least, BVARC will soon have its own licensing testing group. The beginning of May brought the end of sponsorship with the current testing group that has been working with BVARC for 17 years. I wish John Moore and his group well and good luck in their future endeavors. To replace John's group, a new testing group will be starting up in August. Check the web site and newsletter for information over the next few weeks.

Hope to see everyone at the general meeting on the 8th.

73,
N5VCX



BVARC Monday Night Public Service Net Updates

Don't forget the BVARC Monday Night Net starts at **8 pm** on 146.94 (167.9). The order of check-ins starts with mobile units first then fixed stations. If you have something for the net, make sure you let Net Control know about it when you check in. We are looking for Net Control Operators. Contact Rick, w5rh, if you are interested. Here are recent check-ins with control-ops:

| | | |
|----------------------------|---------------------------|---------------------------|
| 2/13/17 - 13 - Jo, ke7nsb | 3/20 - 17 - Jo, ke7nsb | 4/24 - 18 - Clint, kf5ndf |
| 2/20/17 - 13 - Dave, k5ekw | 3/27 - 21 - Clint, kf5ndf | 5/1 - 24 - Dave, k5ekw |
| 2/27 - 32 - Clint, kf5ndf | 4/3 - 36 - Dave, k5ekw | 5/8 - 16 - Jo, ke7nsb |
| 3/6 - 22 - Dave, k5ekw | 4/10 - 18 - Dave, k5ekw | 5/15 - 10 - Jo, ke7nsb |
| 3/13 - 9 - Steve, kf5yyz | 4/17 - 18 - Jo, ke7nsb | 5/22 - 21 - Clint, kf5ndf |

BVARC QUICK STATS

| Date | Members | Newsletters | Life Members |
|---------|---------|-------------|--------------|
| 5/23/17 | 180 | 187 | 67 |

Museum Ships Weekend

Within a day or two of you reading this, Museum Ships Weekend, June 2, 3, 4, will commence. It's one of BVARC's legacy annual operating events. It is a great introduction to operating HF in conditions like Field Day, in a non-competitive event. All are welcome to participate.

We've been having a few work pre-mobilization days, the past few weeks, to prepare the ships for this event and future ops. We've erected a dual band UHF/VHF on the USS Stewart and are replacing the 115' end fed wire antenna on the USS Cavalla.

As it stands, we'll have two HF stations (and a 2m rig) on the USS Stewart and one HF station in the picnic area (for the Selma). The antennas currently available will be the loop antenna and the Stewart's original wire antenna, as well as Mike's portable tower and two (soon to be three) element beam for the Selma. There is still the possibility we'll get the wire antenna going on the Cavalla and have a hex beam for use in the picnic area.

If you haven't already signed up for operating during the weekend Fri- Sun June 2,3,4 please email Mark (K5MGJ).

Much Thanks, to:

Jon Noxon (KF5TFJ)
Rick Wannall (KG5ITH)
Keith Stolle (KE5ITH)
Mike Teers (KG5SXG)
Kelli Medbury (KQ5QJE)

Mike Hardwick (N5VCX)
John Chauvin (K5IZO)
Michael Monsour (ACOTX)
Scott Medbury (KD5FBA)
Ron Litt (K5HM)

Special thanks to Michael for the stainless cable clamps, Keith for the cooler of water and Kelli for risking life and limb in the Cavalla sail.

This year is the first year we'll be able to include the SS Selma as part of the event. You may not be aware that the wreck of the Selma is very apparent, north of Seawolf Park. It's a concrete hulled merchant vessel built for WWI service. The war ended the day she was launched on June 28, 1919. K5MGJ attended the Selma's annual birthday celebration, on May 20th, on Galveston Island, and sat with the owners of the Selma for conversation and promotion of the MSWE event.

Ron (K5HM) is administering the Texas Navy award certificate. The certificate would be awarded to those that log contact with all the Texas museum ships that are active for the event. As of newsletter press time, these are the Texas Museum Ships that are currently listed:

USS Stewart - Galveston
USS Cavalla - Galveston
SS Selma - Galveston
Tall Ship Elissa - Galveston
SS Grandcamp - Texas City

SS High Flyer - Texas City
USS Texas - San Jacinto Battleground
USS Lexington - Corpus Christi
National Museum of the Pacific War - Fredericksburg
PBR River Patrol Boat - College Station

The Museum Ships Weekend event will be held at Seawolf Park on Pelican Island from Friday June 2nd through Sunday 4th. Food and (non-alcoholic) beverages will be available. There will be limited overnight accommodations available on the Stewart.

Contact Mark Janzer (K5MGJ) for details and to RSVP.



**Where in the World is . . .
The Dayton Hamvention?
CQ 4 ITU 8**



But it's not in Dayton! Instead the Macdaddy of hamfests magically appeared in Xenia, Ohio (pronounced Zeenya by the locals) about 20 miles southeast of the now closed Hara Arena May 19-21.

With an estimated attendance of 30,000 bargain hunting hams, traffic was expected to be headache number one. Surprisingly, while it was heavy, legions of volunteers managed to provide excellent shuttle service between the parking areas and the fairgrounds entrance. Friday taught us a vital lesson. Since we were not bargain hunting, it was a lot better to get to the fairgrounds later, rather than early. Still plenty of parking and no traffic!

The weather provided intervals of brief showers, but it did not dampen the enthusiasm of convention go-ers. It did manage to turn the parking areas muddy, though.

The photo above shows this year's layout. Many of the flea market exhibitors were in the infield of the racetrack; others scattered around the perimeters of the indoor exhibit areas. There were 5 large buildings for commercial exhibitors (e.g. photo foreground). A sixth building was really a couple of white tents cobbled together. Plenty of commercial exhibit space but most were not air conditioned. Two smaller buildings were given over to forums, that ran each day.



The ICOM 7300 was hands down, the hot rig of the show. Seems like every other person I saw was carrying the little cardboard box with the ICOM 7300 label. According to Scott Sherwood, NC0B of Sherwood Labs, ICOM has sold more than 10,000 of these nifty rigs to date.

At the Elecraft booth, the brand new KPA 1500 legal limit amplifier. Two models were on display, waiting for FCC approval. Hams were signing up to get on the waiting list to order. Yours truly included.

One building was given over to HF antennas; towers, multi band beams; verticals and some unique designs. One of the strangest was the Steppir Urban Beam. According to Steppir, "This antenna is excellent for use where a traditional beam may not be appropriate. It's a high-performance 2 element beam 20m-6m, and a folded dipole on 30 and 40 meters. combined with a beam requiring only a 15.5 foot turning radius, low-sunspot-cycle DX is possible with a simple rotator and mast." HMMM.



On Thursday, the day before Hamvention I attended Contest University. That was still in Dayton at the Crowne Plaza. Eight hours of talks from some of the best contesters and subject matter experts in the Ham universe. It was like drinking from a firehose. The speakers, included names I had only seen in print; Ward Silver, N0AX; Scott Sherwood, NC0B and Dr. Tamitha Skove on space weather and propagation.

I found the Hamvention technical program full of well-known experts on their topics including APRS, MARS, Moonbounce and EMCOM. Friday's presentations were the more interesting to me. Some of the presenters were repeats from Contest University. Bob Heil did a live broadcast of the 300th edition of Hamnation you can view it here: <https://twit.tv/shows/ham-nation/episodes/300?autostart=false>

All in all, had a great time. Would I do it again? You bet.

Reporting from the Dark Side,

Ron Litt, K5HM



Field Day – June 24-25

Field Day this year is promising to be great even if the bands do not cooperate.

This year we have 4 clubs participating. BVARC, ECHO, TDXS and KARS. We will have a brief meeting at 7:00 before the general meeting on June 8th.

Another meeting will be held at another time and date at a place to be determined about a week later. I will pole the Field Day Team at the June 8th meeting.

73 ... Scott KD5FBA, Field Day Coordinator

The Radio Hotel - Tools for the Antenna Information Junkie by Rick Hiller – W5RH

Used to be for saving good ham radio information, you cut articles out of a physical magazine, like 73 or Ham Radio and placed them in a manilla folder or 3-ring-binder. You can still do that, but there is a better way and one that saves physical space too -- by using the PDF file format. With PDF you can save any type of document...., and with the proliferation of antenna system information on the web it is perfect for saving those nuggets of information. This article is about **How to do that.**

First -- Absolutely necessary is the first step -- a way to produce PDF. Easiest and free is **PrimoPDF**. Primo PDF is a Windows printer driver that prints/saves to a PDF file, anything that you can print. Articles, web sites, scanned items, photos, etc. literally anything. Google it, download and install.

Second -- decide where and how you are going to store all of these new found items of interest. Set up a directory(s) on D drive, for example, -- **D:/Ham radio/Antennas/Yagi-Uda**. Make a separate directory for the different categories of antenna information you wish to store -- Yagi-Uda, Theory, Transmission Lines, Dipoles, Loops, etc. Group all files of similar subject together. Title the files like this -- the article name, call of the author, magazine and date. i.e. "Antennas for the Rag Chew Net-K5LKJ -BVARC -Jan 2017.pdf"

Now...go out into the virtual world and find some articles. The **BVARC Tech Articles** web site or the **BVARC monthly newsletter** has some great stuff. **ARRL QST Search Engine** is a great place too. The older QST magazines have been scanned and will download as a PDF file, with a cover sheet. [Note: That cover sheet can be eliminated by "printing to PDF" using **Primo PDF** and selecting only page 2 thru the end sheet.] The new **QST**'s can be viewed and the appropriate pages can be printed directly to PDF.

My personal preference is to store, not only the article, but also the referenced articles in the bibliography. I group them all together. You can store them separately. However, I store them all under one file name, usually the main article title name. With **PrimoPDF** this is easy to do.....Store the first article under the name you want, then as you "print out" the other articles use the "append" function to add them to the existing main file. This way all the articles are grouped in the same PDF file. I know it seems like a lot of work, but 3 years from now when you come back to it, they will all be in the same place. Once you do this a few times it will become second nature and easy to perform.

After saving articles for awhile, you will be pleased that your antenna information library has expanded quite significantly. Lots of topics, from lots of different places. I've been doing this for over 15 years and I have well over a Gig of articles. In the efficient PDF format, that is a significant amount of articles. I find it very easy to research something now; just use File Explorer. Each month, with the new **QST**, I easily add a few more files and it takes less than 10 minutes to do. Don't forget to back it all up too.

One other PDF facility I use is **Kindle**. Not the device and books, but the free service. I can send pdf and other format articles to my **Kindle** account "docs" and then read them on my free iPhone or iPad **Kindle** app. If I am going on a trip, I just e-mail the articles I am interested in reading to my **Kindle** account, download to my device and I have instant trip reading library.

I am sure there are other ways to do any of this, but one fact of the above method is that besides the computer and "i" devices, which I already have, I have spent no money. **Primo PDF** is free. (*Adobe Acrobat is \$\$*).

GL and enjoy your hobby..... 73...Rick W5RH

Next time.... Dissecting Series #2 – That Cushcraft Vertical Black Box.

*The purpose of **The Radio Hotel** is to give you a practical kickstart into exploring the workings of antenna systems. Google the buzz words and find out what they mean. Read up on antenna system theory to see how it all works together. You will be glad you did.*

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Contact: Rick Hiller – W5RH rick@tavco.net cell:713-591-4792



BVARC Rag Chew Net

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

04/26/17, K5LKJ (NCS), KG3JPP, AA5OA, KF5TFJ, W5TKZ, W5HFF, W5TOM, K5IZO, W5RH, AA0ST (Dickinson), AF5XL. (11 Check-Ins) Solar Cycle 24: SFI = 81, SN = 36, A = 36, K = 2

05/03/17, K5LKJ (NCS), W5TOM, KG3JPP, W5TKZ, W5HFF, K5IZO, W5RH, K5LJ, W5VOM, WW5PA, AF5XL. (11 Check-Ins) Solar Cycle 24: SFI = 74, SN = 25, A = 4, K = 1

05/10/17, K5LKJ (NCS), W5TKZ, W5TOM, W5HFF, K5LJ, W5VOM, AA0ST (Dickinson), KE5OBY (R), W5RH, AF5XL. (10 Check-Ins) Solar Cycle 24: SFI = 85, SN = 75, A = 20, K = 2

05/17/17, K5LKJ (NCS), KG3JPP, K5IZO/5 (P)(Jasper), W5TOM, W5RH, K5LJ, KR5OXF (Needville), W5TKZ, W5VOM, WA5CYI, AF5XL. (11 Check-Ins) Solar Cycle 24: SFI = 72, SN = 23, A = 8, K = 1

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

Net conditions have been Fair to Good this month. Put your station to the test.
Come join in the conversation each Wednesday evening.

Regards.
John K5LKJ

BVARC and Seawolf Park

by Allen Mattis, N5AFV, Club Historian

When the name Seawolf Park comes up most BVARC members think of the destroyer escort USS Stewart and the submarine USS Cavalla. Our club first participated in the annual Museum Ships Weekend Event in 2008. A field day style operation was held for 8 years in Seawolf Park and for 2 years in nearby Fort Travis. Unfortunately last year's effort was rained out. This year the addition of the merchant ship SS Selma described in detail in last month's BVARC Bulletin by Mark Janzer, K5MGJ, will provide BVARC with three ships for Museum Ships Weekend.

The Museum Ships Weekend Event was not the first time a BVARC activity was held at Seawolf Park. In 1988 and 1989 the club had a number of semi-official outings to Seawolf Park. At least three or four fishing/picnic trips to Seawolf Park were made by groups of BVARC members. These trips left Houston on Saturday morning and returned in the afternoon.

The group would sometimes gather at a spot in Houston and travel to Galveston as a caravan, talking among themselves on two meters. When the caravan got out of range of the MERA repeater, they switched to 146.470 MHz simplex. This was the "official" BVARC simplex frequency at the time and was used at many BVARC events and at hamfests by club members.

These trips to Seawolf Park were family outings with spouses and children. The children especially enjoyed fishing from the pier at Seawolf Park. One of the trips had seventeen people in attendance; however, an attendance of six to eight people was more typical. Some of the more active participants were Steve Gottlieb, WA5OEN, Larry Levy, WD5DRB, and Charlie Prochaska, KG5KV.

Not all of the fishing trips included a picnic but in true BVARC fashion no one complained when a picnic lunch was part of the event. After all, it is often stated that BVARC is as much an eating society as it is an amateur radio club, and that hasn't changed in forty years.



Hamfests

(typically within 200 miles of Houston)

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

06/09/2017 | West Gulf Division Convention (Ham-Com)

Location: Irving, TX
Type: ARRL Convention
Sponsor: DFW Metroplex Clubs
Website: <http://www.Hamcom.org>

07/08/2017 | Texas City/Tidelands ARS Hamfest

Location: Texas City, TX
Type: ARRL Hamfest
Sponsor: Tidelands Amateur Radio Society
Website: <http://tidelands.org>

08/04/2017 | South Texas Section Convention (Austin Summerfest)

Location: Austin, TX
Type: ARRL Convention
Sponsor: Austin ARC & Texas VHF-FM Society
Website: <http://www.austinsummerfest.org>

Minutes of the May 6, 2017 Board of Directors meeting of the Brazos Valley Amateur Radio Club

Board Members Present:

Mike Hardwick N5VCX (President.)
Mark Janzer K5MGJ (Vice President)
Jon Noxon KF5TFJ (Rec. & Cors. Secretary)
Scott Medbury KD5FBA (2yr @ Lg Dir)

Non-voting attendees:

Ron Litt K5HM
Michael Monsour ACØTX (QM)
Cam Mitchell K5CAM
Jerry Muller K9GEM
Rod Martinez KC5MZK
Allen Brier N5XZ
others present but not recorded

A business quorum WAS NOT established.

Discussions Minutes

- 1) Call to Order: Due to lack of a quorum, no formal call to order made. The Board Members present decided to engage in general discussions.
2. Club President's Opening Statement: Thanks those present for coming.
3. Emergency Business: no official emergency business.
4. Meeting Agenda was agreed
5. Minutes from Previous BOD Meeting: Previous BOD Meeting Minutes could not be approved due to lack of quorum.
6. Treasurer's Report: The Treasurer's report distributed by email from Donovan Balli, Club Treasurer was discussed, but could not be approved due to lack of quorum.

7 Old Business:

7a Hamfest: Next meeting will be May 13. Dates for 2018 GHHF set at March 16 & 17, the only dates available for the Ft. Bend Fairgrounds in March 2018.

7b ARRL Field Day (June 24-25 2017):

7b-1 Scott Medbury, KD5FBA, is BVARC's 2017 Field Day Coordinator.

7b-2 The Pecan Grove VFD location approved by Fire Chief.

7b-3 FD will be a tri-club event; Echo and TDXS on board.

7b-4 Our Antenna Guru is Bill Cordell.

7b-5 The Volunteer/Scheduler/Coordinator is Allen Brier.

7b-6 "Chef" Dave Elsner on board

7c General Membership Meetings:

May 6 Museum Ships; WSPR Net and JT65.

June 8 CW by Nizzar and a bit about Field Day

July 13 TBD but suggestions include Club Field Trip and Club project build night.

7d Mike is to call the Masonic Lodge regarding the promised extra key.

7e Newsletter naming contest: K5IZO provided a handout of propose action.

8 New Business: none

9 Adjournment

The group concluded the meeting at 10:11 AM

NOTE: Dates for remaining 2017 Board of Directors Meetings have been set as follows:

June 3*
July 8
August 5
September 9

October 7
November 4
December 9

* meeting date conflict with MSWE; arrangements TBD.

Meetings are open to all, and Club Members are encouraged to attend and be engaged in Club governance.

Submitted by Recording Secretary, Jon Noxon KF5TFJ



Veas by Juliette Kilo

I think that I shall never see
An antenna as lovely as an Inverted Vee

A Vee whose hungry mouth is spread
As an aperture, with waves be fed

A Vee that looks at the sky all day
And when conditions are good, allows the Ham to play

A Vee whose feedpoint is quite resistive
So that working DX is not restricted

Upon who's wires E and M alight
The electrons will those fields excite

Poems are made by fools like me
But only a Ham can make a Vee.



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

The Purpose of Field Day and Amateur Radio

This is some information that was printed a few years ago about Field Day. It describes why we have the radio privileges we do and what we should do to support those privileges. It may be great to just talk on the radio during drive time but amateur radio is here to support the community in several ways such as ARES, Emergency communications, Disaster communications, RACES, Public Welfare communications.

This is the non-technical reasons for amateur radio. The government, both US and internationally, made the decision in 1934 to allow individuals to operate radio transmitting equipment as a hobby during none emergency times for the availability of having communications for emergencies. For the folks that have never seen any part of the concerning amateur radio, here is the first part explaining the basis and purpose of amateur radio.

Code of Federal Regulations
Title 47, Volume 5
TITLE 47--TELECOMMUNICATION
PART 97--AMATEUR RADIO SERVICE--Table of Contents

Subpart A--General Provisions

Sec. 97.1 Basis and purpose.

The rules and regulations in this part are designed to provide an amateur radio service having a fundamental purpose as expressed in the following principles:

- (a) Recognition and enhancement of the value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications.
- (b) Continuation and extension of the amateur's proven ability to contribute to the advancement of the radio art.
- (c) Encouragement and improvement of the amateur service through rules which provide for advancing skills in both the communication and technical phases of the art.
- (d) Expansion of the existing reservoir within the amateur radio service of trained operators, technicians, and electronics experts.
- (e) Continuation and extension of the amateur's unique ability to enhance international goodwill.

As you can see, the first item for the purpose of amateur radio is on emergency communications. Even with cell-phones, and the Internet, amateur radio can still provide a very reliable source for emergency communications. With the products today, amateur stations can be set up anywhere and provide a never-ending stream of communications for disaster and emergency communications. There is only problem, the amateur operator.

If we are to be a value to the public, we have to be prepared. Whether prepared through equipment or through operational capabilities, we need to be prepared. Do you know how to operate your radio on more than one or two channels? Can you change your PL tone without getting the manual out? Do you know where other repeaters are in your area? Can you take your equipment and setup operations in different locations? My feeling is if you cannot do any of the things that I have listed, you cannot successfully help during an emergency situation.

Field day is just a few weeks away. This is the time that we should work on being prepared for emergencies and able to help out in a moment's notice. If you want amateur radio to survive, help out on field day. Come to the general meeting on the 8th and Scott or Bill or Allen know that you are ready to put some effort into the hobby. Remember, only with everyone's help and working together will the hobby remain.

Mike
N5VCX



Note: The poem "Vees" on the previous page was submitted by W5RH.

BRAZOS VALLEY AMATEUR RADIO CLUB

This newsletter 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 newsletter 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 also administers amateur radio license exams on the 2nd Tuesday of each month at 7:00 p.m. at the Houston Community College's Scarcella campus in Stafford.

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, contact the club's "Elmer," Ross Lawler, W5HFF at 281-701-7602 or 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, Cameron Mitchell, K5CAM, k5cam@arrl.net

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**BRAZOS VALLEY
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FIRST CLASS POSTAGE

**Museum Ships Weekend – Friday-Sunday, June 2-4
BVARC General Membership Meeting – Thursday, June 8
Field Day – Saturday & Sunday, June 24 & 25**



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