



BRAZOS VALLEY AMATEUR RADIO CLUB



AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

MARCH 2011

VOLUME 35 ISSUE 3

BVARC MARCH GENERAL MEMBERSHIP MEETING

7:30 PM, Thursday, March 10, 2011

Sugar Land Community Center, Sugar Land, Texas

VHF/UHF Communications – Are you ready for an Emergency??

March will be the first in a series of talks focused on different modes of amateur radio communications. The March presentation will be split into 2 parts:

- Kirk KK2Z (with help from the “unknown operator”) will provide an overview of basic FM operations on UHF/VHF using a dual-band handheld transceiver
- Allen NQ5B will talk about ARES, RACES, and emergency communications for the Ham Operator.

The April general membership meeting will be a very special event – the first joint meeting of Texas DX Society and BVARC!! Come learn more about contesting and DXing from our Houston area gurus.

The May and June meetings will cover CW and Digital operations – focusing on station requirements and the keys to making successful contacts.

NOTE: All meetings from March through June will be at our “regular” meeting location – the Sugarland Community Center on Matledge Way.



BVARC GREATER HOUSTON HAMFEST - MARCH 5.

By the time you receive this newsletter, the Greater Houston Hamfest will be only days away. For details, go to: www.houstonhamfest.org

If you want a table, go on-line now to select your table before they are all gone. Also, see the full page flyer elsewhere in this issue.

If you haven't volunteered to participate, contact Rick Hiller, W5RH or John Chauvin, K5IZO.

Let's all have fun!
Pray for good WX.

President's Corner

By Rick Hiller – W5RH

Be a Radio Aficionado

Listening to the conversations on Pump's 94 repeater causes me to realize what a diverse group we hams are. One participant in the morning drive time stated that he had just passed his General Exam. Another was talking about Software Defined Radios (SDR) and the differences that he found between full hardware based radios and SDR's. Another - a seasoned ham, and club member, was talking about various repeaters around Houston and detailing the Saltgrass Link system and other repeater club/group systems. One other was discussing their antenna farm and how they would like to improve it. And there were even conversations about computers, electric /hybrid cars, RC airplanes..... the list goes on.

Just as the various subjects pop up for discussion on the repeater, being a licensed Amateur Radio Operator, and a member of BVARC, allows you to participate in and gain skills in varied areas and feed your mind and body. Just think, by being a ham, you gain skills in electronics and RF engineering, by doing homebrew projects you generate a sense of accomplishment and personal award, you find fellowship in the local, national and international Ham Radio communities and groups, and as you advance you can claim a knowledgeable place in the overwhelming technical world. All within this thing we call a hobby (an activity pursued for fun). The word for Radio Ham in Spanish is Radio Aficionado.....Aficionado – affectionate, admirer, supporter, a fan – doing something for the love of it.

In the commercial and general public world, communication has taken over as the spider web that encapsulates and connects us all. Cell phones, WI-FI for internet access and then up to the applications level of e-mail, reflectors, My Space, Facebook, Twitter. All this is based on technology that we hams use every day. Technology that we can, if we wish, build ourselves, then test and use it to communicate with our fellow hams just for fun or to provide a service of communications for some public event. All for the love of it.

In our small BVARC world, just look at the things that we do every year. We have 12 monthly meetings where we talk about ham radio and listen to an expert tell us all about his or her passion within the hobby. We do field based operating events such as Museum Ships Weekend or ARRL Field Day. We hold the largest Hamfest in the Southeast Texas Gulf Coast region – The Greater Houston Hamfest. This year, just next weekend actually, March 5th, marks the 10th annual get together. Plus, our members do communications for bike rides, marathons, walk-a-thons, etc. Now, by being a BVARC member, you are not limited to just doing BVARC oriented activities. You can belong to other clubs or special interest groups like HQRP (Houston QRP Group) for example. You could have participated in the SETXAC's Fox Hunt, which KD5YTA talks about in this issue. Of course, there is the August Balloon Launch that provide some exciting time, whether you are there at the Wharton Spaceport or at home pointing your VHF/UHF Yagi to the sky.

In a nutshell, there are two paths that you can take within this hobby. One is to sit back, enjoy the meetings, enjoy the repeaters, enjoy the nets, enjoy reading this newsletter. Essentially, just kick back and enjoy the things that happen at BVARC. You paid your \$20, you deserve to enjoy the clubs happenings. The other path is to get involved, operate at Museum ships weekend in Galveston or at Field Day, give a presentation on your favorite ham radio activity to the club at a monthly meeting, takeover as Net control for the Public Service net or the CW net, maybe even write an article for the newsletter or attend a Board of Directors meeting to see how the club is run. Whatever you do, PLEASE, pick at least one of the paths. Participate, enjoy the hobby, help your fellow ham and let them help you. Come out for breakfast or show up for the Lunch Bunch lunch on Wednesday.

Partake of the hobby of Ham Radio to its' fullest extent. Attend or even volunteer to help at the Greater Houston Hamfest on March 5th. Become a Ham Radio fan, a supporter, a real Radio Aficionado. You'll be glad you did.

See you on the radio. Enjoy your hobby. Rick – W5RH (dit dit)



River Oaks Car Stereo

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Patricia -KE5YYV- Suzanne -KF5GWZ

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HAM RADIO IS BACK IN HOUSTON AGAIN!



Monday Night NET Updates

Don't forget the Monday Night Public Service Net starts at **8 pm** on 146.94 (167.9). The order of check-ins start 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 any officer of BVARC if you are interested. Here are recent check-ins with control-ops:

11/15 - 20 - Dwayne, kb5yta
11/22 - 36 - Pete, kd5qpx
11/29 - 40 - Sid, n5zkd
12/6 - 42 - Cam, k5cam
12/13 - 26 - Clint, kd5hdf

12/20 - 27 - Dwayne, kb5yta
12/27 - 26 - Pete, kd5qpx
1/3 - 31 - Cam, k5cam
1/10 - 38 - Clint, kf5hdf
1/17 - 29 - Dwayne, kb5yta

1/24 - 29 - Pete, kd5qpx
1/31 - 29 - Sid, n5zkd
2/7 - 40 - Cam, k5cam
2/14 - 32 - Clint, kd5hdf
2/21 - 34 - Bill, ws5h

HERE FOX, FOX, FOX.....

by Dwayne Jones – KB5YTA

The day started foggy, making it a great day to go tromping through the woods. “HERE FOX, HERE FOX,”. It was the first SETXAC (Southeast Texas Amateur Club*) Foxhunt, at Brazos Bend State Park. You know the members of the SETXAC club were on the ball, when you roll up to the entrance gate and the Park Ranger asks, “You here for the Ham Radio thing?” After paying the entrance fee (cheap at \$5) you wandered around the roads looking for the cars with all the antennas. You know you found the right place when you look out amongst the trees and there is Robert, KK5TC, Mike, KB5LKE, and Mike, W5MBB, standing around the bottom of a tree tossing a rope up at the branches. This is a Fox Hunt, but they are stringing up a dipole for 80 meters (True hams -- HI). Pretty soon, more hams arrive and out comes the various Fox tracking equipment. Everything from handhelds with rubber duckies, to homebrew beams, to hand held Doppler units. These folks are serious!

The first hunt started, just about, on time with 25 folks going in all directions. Well, it didn't take long. About 15 minutes, or so, and the Fox was found. And, a “non-ham” found it. Lillian McLean, from Sealy, won an MFJ speaker from Houston Amateur Radio Supply. After the Fox was found, everyone returned back to the pavilion being used as home base. Waiting for the hunters were bagels and coffee. (These SETXAC folks seem to think of everything.) After a short break, during which the Fox was hidden again, folks signed up for the second hunt of the day.

Once again they were off. You would think that it would be a sure bet that the Fox was not tied to the back of one of the alligators in the lake behind the pavilion. Well, that may not have been a safe bet to take, because these SETXAC guys were really crafty. This second hunt was for two foxes, at the same time, on two different frequencies. When the second Fox is found, the finder would see that the third Fox's frequency was printed on the box. So, you were really hunting two Fox's at once. The second Fox was found in about 25 minutes. With the third Fox's frequency in the VFO, it was off into the 5000 acre park, which made this Fox hunt a real task. The third Fox was found about 35 minutes later. Again, one of the McLean clan found both Foxes. They certainly were on their game that day. The McLean clan took the second prize, a repeater handbook (unknown who donated the handbook) and the third prize, a Diamond 2/70 dual band antenna (donated by River Oaks Car Stereo). Also, during this second hunt, Boy Scout troop 1631, from Sugar Land, on a day hike, stopped by the pavilion. Robert, KK5TC, fired up the 40meter radio and let the Scouts talk to a ham in Dallas and one in Oklahoma City.

Now that all the hunting was finished, it was time to relax with some fine BBQ prepared by Mike, W5MBB. All in all, those that were there had a good time and got a little practice time in for the Fox Hunt at the Greater Houston Hamfest at 10AM on March 5th.

*Note: SETXAC Web Site -- <http://setxac.com/>





BVARC “Under 15” CW Net

Tuesday 7PM

Note: Frequency for March is – 3.550 MHz

Join us for a fun filled 30 to 45 minutes of working the CW mode.

WE NEED MORE NEW PEOPLE TO CHECK IN!

Net is transmitted at 11/15 WPM Farnsworth spacing, so it is easy to copy.

The net structure is just like the Rag Chew Net on Wednesday nights.

Pre-amble, then the call for check-ins “QNI?”.... and then each station is called “QTT”
to invite them to transmit a short greeting or message.

Net Control Station (NCS) is Rick, W5RH.

Frequency is on **3.550 MHz**.

We are looking for stations a bit further out will be able to check-in

Listen to a sample pre-amble (mp3) on the CW Net web page at

<http://bvarc.org/index.php?page=cwnet>

Just have a listen or join in, but do get on the air and have some fun with some slow speed CW.



RESULTS OF THE FEBRUARY 8 BVARC AMATEUR EXAMINATION SESSION

by: John Moore, KK5NU

B-VARC sponsored and administered the ARRL's Amateur Radio Examination session that was held on Tuesday, February 8, 2010 at HCC's Scarcella Science & Technology Building here in Stafford.

MEMBERS OF THE VE TEAM:

Dennis Dietrich, W5DDD

Larry Jacobson, K5LJ

John Moore, KK5NU

George Ontko, KM5VP

Two examination elements were administered during the evening to two applicants. One upgrade to a General class license was attained; with the total number of elements passed being 1. The overall "pass rate" for the evening was 50%.

Congratulations to the following who attained a license and/or passed an exam:

Ricardo Bravo

- KF5JRZ - General

Many thanks to all the Team Members and Assistants who volunteer their valuable time and effort each month. All of us at B-VARC again thank everyone at HCC Scarcella Science & Technology Building for making these excellent classroom facilities available to us for our exams each month.

..... 73



THE BVARC Rag Chew Net

February check-ins

3910 KHz +/-3KHz Wednesdays at 7:00pm, John Whiteman, K5LKJ, Net Coordinator

1/26/10, K5LKJ (NCS), AF5T, W5TKZ, K5LBU, N5CPA, W5TOM, KC5JAR (Katy), K5NDB, K5CEK, KE5SR, K5LJ, AA5OA, WS5H, W5RJA (T) (Round Rock), K5IZO, WB5PNL (Beach City), KF5HEB, K5CAM, W4WLZ (Jacksonville, FL), W5RH, WA5CYI. (21 Check-Ins)

Solar Cycle 24: SFI = 81, SN = 27, A = 5, K = 2

02/02/11, K5LKJ (NCS), K5CEK, W5TKZ, WA5FMK, AA5OA, K5IZO, K5NDB, WS5H, AF5T, N5TGL (Fulshear), WB5PNL (Beach City), W5TOM, W5RH, K5LJ. (14 Check-Ins)

Solar Cycle 24: SFI = 79, SN = 22, A = 8, K = 0

02/09/11, K5LKJ (NCS), K5CEK, WA5CYI, W5TKZ, K5CEK, AA5OA, K5NDB, KF5CPC (Alvin), N5CPA, K5LJ, K0NM, NRDTT, K5IZO, W5TOM, W5RH, WB5PNL (Beach City), WS5H, WA5FMK, WW5PA, AF5T, KE5OBY. (20 Check-Ins)

Solar Cycle 24: SFI = 90, SN = 71, A = 5, K = 1

02/16/11, K5LKJ (NCS), K5CEK, WA5CYI (T), WA5JMC (T), K5IZO/5 (Jasper), K5CEK, N5CPA, K5LBU, WS5H, K5NDB, AF5T, W5TOM, WB5PNL (Beach City), K5LJ, K0NM, W5HFF (R)(M), KE5HEB (R)(M), WA5FMK, N5DTT, W5RH, KD5O, KE5OBY, W5UFK (College Station), WA9YNJ. (23 Check-Ins)

Solar Cycle 24: SFI = 113, SN = 100, A = 5, K = 1

02/23/11, K5LKJ (NCS), WS5H, WA5CYI, W5TKZ, K5NDB, N5CPA, K0NM, K5LBU, K5LJ, N5DTT, W5HFF (M), K5IZO, WA5FMK, WB5PNL (Beach City), KE5OBY, AA5OA, W5RH, W5RJA (T) (Round Rock). (18 Check-Ins)

Solar Cycle 24: SFI = 91, SN = 34, A = 2, K = 3

(M) = mobile (P) = Portable (R) = Relay (T) = telephone check-in

Thanks. Regards._

John C. Whiteman



HAMFEST RAFFLE TICKETS AND DOOR PRIZE TICKETS

This year the door prizes and the raffle will be separate. Everyone that pays admission will receive a door prize ticket. The attendee must put his ticket in the raffle cage. We expect to have 20 – 25 door prizes, so there will be a drawing about every 15-20 minutes. The raffle is separate and these tickets are to be purchased (\$1 each or 6 for \$5). As this issue goes to press, there is some discussion of having the 4th place drawing take place at 10AM and the 3rd, 2nd and Grand Prizes will be drawn at 1:30. Door prize tickets cannot be purchased. Raffle tickets must be purchased to win a raffle prize.

Good luck!



February Meeting Report

The February meeting by Allen N5AFV gave an in-depth look at ARISSat-1 – AMSAT's Newest Satellite. Information provided by Allen for how to access the radio links on board the satellite will be posted to the Technical Articles section of the BVARC Webpage.

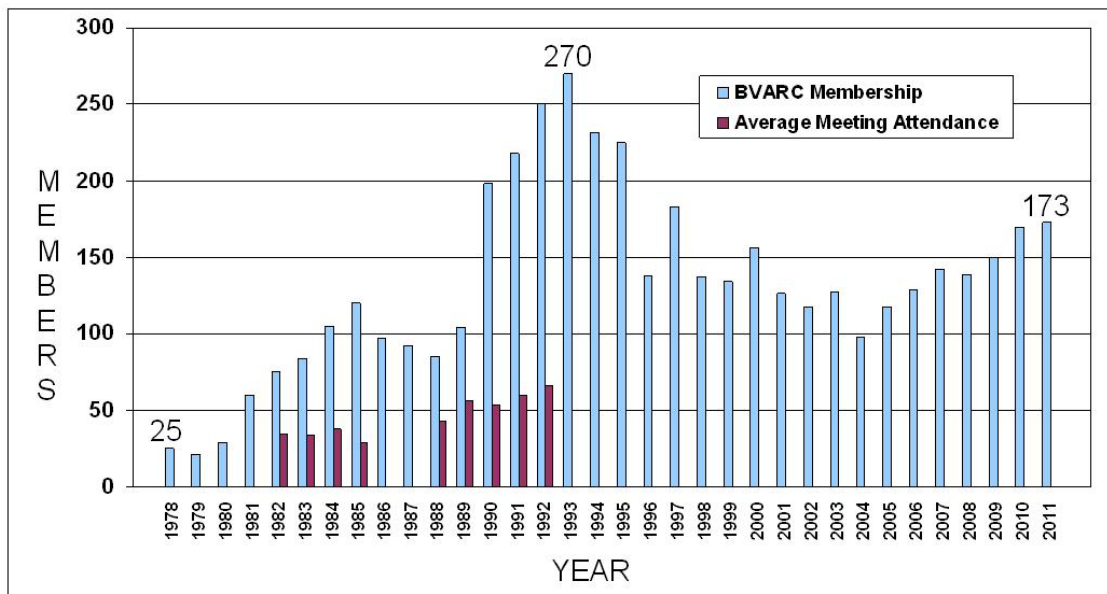
NOTE: A few days before the meeting, ARISSat-1 was part of a Progress rocket payload delivered to the International Space Station. Unfortunately, it was not launched as planned on February 21, and will be deployed in a space walk later this year.

BVARC Historical Vignettes – BVARC Membership through Time

Allen Mattis N5AFV, Club Historian

If you have visited the BVARC website lately you may have noticed that the club membership has climbed to 173. Now that all of the club's newsletters are readily available I decided to re-examine how the size of our club's membership has changed through the years.

By reading through the newsletters I was able to find membership totals for years where we have no rosters. The minutes from the Board of Directors meetings sometimes contain a report on the number of members. The club membership changes throughout the year as new members join and old members fade away and these numbers only reflect the membership at that point in time and not the highest or lowest membership for the year. Nonetheless, the graph I was able to produce tells us something about the history of BVARC.



The club was founded in September 1977 and the first club newsletter (Vol. I No. 1) was published in March 1978. Page 3 of the newsletter contained a roster showing that the club had 25 members. After several years during which the club was getting its feet on the ground, membership began to increase. In 1991 the membership broke 200, and in 1993 it peaked at 270. Some have referred to this period as the golden years of the club. This was followed by a 10-year period where membership dropped in almost all types of clubs and similar organizations, and BVARC was no different. Since 2004, however, BVARC membership has been steadily growing. The increase in the number of licensed amateur radio operators in the United States is no doubt one of the factors influencing the growth in membership.

The BVARC newsletters from 1982-1985 and 1988-1992 also contain some interesting data on attendance at the club's monthly meetings. The call signs of those attending each monthly meeting were listed in these newsletters. As a result, I was able to calculate that the average general membership meeting attendance for those years was 31% of the club membership. Interestingly, 31% of the current club membership is 53, and attendance at our monthly club meetings is in that range. Thus the historical data support the conclusion that the Brazos Valley Amateur Radio Club is healthy and growing.



Minutes of February 3rd, 2011 Board of Directors meeting of the Brazos Valley Amateur Radio Club:

The February 3rd, 2011 Board of Directors meeting did not take place because of expected ice storm.

Submitted by Recording Secretary, Peter Sauermilch, KD5QPX



10th Annual

Brazos Valley Amateur Radio Club GREATER HOUSTON HAMFEST



Hosting the

ARRL South Texas Section Convention

Saturday, March 5, 2011 - 8 am – 1:30 pm

Fort Bend County Fairgrounds, 4200 Highway 36, Rosenberg, Texas

On-line seller Table selection and Registration

Special seller parking for easy unloading and table access

Free Tailgating area with early buyer access

NEW THIS YEAR:

- Raffle -- with high dollar value prizes (separate from Door Prizes)
- Door prize ticket included with your admission
- Equipment test station – spot check equipment before you buy

Keynote speaker -- Harold Kramer, WJ1B, Chief Operating Officer of ARRL

- Over 18,000 sq. feet of indoor exhibit space!
- Plenty of Free Parking!
- Friday afternoon set-up!

RAFFLE: Tickets \$1 each, 6 for \$5

GRAND PRIZE
Flex Radio Systems SDR3000
Software Defined HF
Transceiver



Provided by Flex Radio Systems
and
BVARC

SECOND PRIZE
AMSAT Satellite Rig



Kenwood TH-F6A Tri-Band HT with
Arrow Antenna and Duplexer
Provided by BVARC

THIRD PRIZE
Allinco DR135T 2M Mobile Rig



Provided by River Oaks Car Stereo

FOURTH PRIZE
Diamond GZV4000
40 Amp Power Supply
Provided by Diamond Antenna

Door Prizes (Every paid admission receives one ticket)

Prizes drawn every 10-20 minutes with Top Door Prize drawn at end of Hamfest.

Top door prize: A night's stay at the Marriott in Sugar Land, for two, with breakfast.

For detailed info, pre-registration and table selection, please go to: www.houstonhamfest.org

Programs:

- Training seminars
- Information lectures
- APRS operation
- Satellite operation
- DXCC checking
- Hands-On Demos

Displays & Info:

- Emergency Vehicles
- ARRL
- ARES
- Live HF Station
- MARS
- AMSAT
- Equipment test station
- Ham License Testing
- RV Camping and Local Lodging
- On-site food – DX Kid's Café
- Fox Hunt – \$100 prize
Donated by
River Oaks Car Stereo
- Youth table and activities
- Tailgating – Free – with special area with early access by sellers & buyers

Miscellaneous:

Admission: \$5 per person - Includes 1 door prize ticket! Children under 14 Free!
 Tables: All tables - \$10 pre-registration (choose tables on-line in advance)
 Electricity available to pre-registrants (\$5 total). On-site registration – electricity as available.
 Set-up available: Friday 3-7 PM, Saturday 6-8 AM

Contact: Kirk Kendrick, KK2Z, kk2z@arrl.net or Cell: 281-639-5088

----Talk-in -- 146.94 (minus offset) 167.9 tone----

2011 Club Officers:

President:

Rick Hiller, W5RH
rhiller@sdicgm.com

Vice President:

Kirk Kendrick, KK2Z
kmkendrick@gmail.com

Corresponding Secretary/Treasurer:

Arnold Knoche, K5ADA
jakadaok@aol.com

Recording Secretary:

Pete Sauermilch, KD5QPX
kd5qpx@arrl.net

Board Member:

David Barber, K5NDB
d_barber@att.net

Board Member:

Ross Lawler, W5HFF
w5hff@yahoo.com

At Large Board Member

(Past President):

Charles "Frosty" Frost, K5LBU
frosty1@pdq.net

Club Happenings:

General Meeting

Second Thursday each month, 7:30 PM
Sugar Land Community Center,
226 Matlage Way

Board of Directors Meeting

First Thursday of each month, 7:00 PM
Fuddruckers, just South of the Fountains
Shopping Center on US 59 outbound..

Volunteer Examiner Program

BVARC administers Amateur License
Exams on the 2nd Tuesday of each month
at the HCC Scarcella Technology
Campus, 10141 Cash Rd. in Stafford.
Contact John Moore, KK5NU
jwm@hal-pc.org

Eating Schedule

Saturday morning breakfasts
Location announced in text of this edition.

Rag Chew Net

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

Public Service Net

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

BVARC EATING SCHEDULE

SATURDAY MORNING BREAKFAST

59 DINER, 7:30a.m., SW Freeway outbound service
road, near Kirkwood.

NEW YORK COFFEE & BAGEL SHOP, 7:30a.m., 9720
Hillcroft.

OTHER HAM GROUPS:

WEDNESDAYS – WEDNESDAY LUNCH BUNCH

LUBY'S CAFETERIA, 10:30a.m. to 12:00Noon +, 9797
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

(within 200 miles of Houston)

Hamfest info for the next few months. More information at:

<http://www.arrl.org/hamfests.html#listing>

3/5/2011 Greater Houston Hamfest.

ARRL South Texas Convention

Ft. Bend County Fairgrounds, Rosenberg, TX

See the full page flyer in this issue.

If you haven't volunteered, contact Rick Hiller, W5RH, at rhiller@sdicgm.com
or John Chauvin, K5IZO at k5izo@yahoo.com

HamExpo – Belton. April 2. More details forthcoming.

HamCom & ARRL National Convention, Plano, TX. June 10. More
details forthcoming.





Monthly Publication of the Brazos Valley Amateur Radio Club.
Serving Amateur Radio for Southwest Houston and Fort Bend County
Club Call sign – KK5W
BVARC Website: <http://www.bvarc.org>
Editor: John Chauvin, K5IZO, k5izo@yahoo.com
Production Team: Cameron Mitchell, K5CAM, k5cam@arri.net

Brazos Valley Amateur Radio Club (BVARC) was organized in 1977, primarily as an emergency communications group available to assist the communities of Missouri City and Stafford when required. Since that time, **BVARC** has grown and expanded its activities to become the most active amateur radio club in the Southwest Houston and Fort Bend County area. BVARC is a Non-Profit Corporation classified by IRS as 501-(c)-(3).

Today **BVARC** is truly a general interest amateur radio club with an impressive record of public service. The American Radio Relay League (ARRL) has recognized the club's commitment of service with the coveted status of Special Services Club. We are proud of our members who represent some of the finest in amateur radio. Membership is not limited to licensed operators, but is open to anyone with an interest in amateur radio. Club meetings are held on the 2nd Thursday of each month at 7:30 p.m. at the Sugar Land Community Center, 226 Matlege Way. General membership dues are \$20.00 per year, with student dues \$10.00 per year, additional family members \$2.00 per member per year and life membership \$160.00.

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 Scarella 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 281-342-3340 or w5hff@yahoo.com or see the BVARC website: www.bvarc.org

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MARCH 2011

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

FIRST CLASS POSTAGE

Greater Houston Hamfest – March 5, Ft. Bend County Fairgrounds, Rosenberg, TX
BVARC General Membership Meeting – March 10, Sugar Land Community Center

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