



BRAZOS VALLEY AMATEUR RADIO CLUB



AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

APRIL 2013

VOLUME 37 ISSUE 4

BVARC April General Membership Meeting

7:00 PM, Thursday, April 11, 2013 **NOTE THE EARLY START TIME!**
234 Matlage Way, Imperial Park Recreation Center, Sugar Land, Texas

The April meeting for BVARC will be a joint meeting with the Greater Houston TXDS organization. Ron Litt, K5HM, is scheduled to give a presentation on some of the Computer software tools used in chasing DX. Gremlins permitting, you'll see a live presentation of Logging program(s) and DX Spotting techniques. It should be enlightening. Come socialize with your DX chasing brethren.

Last second newsflash: John Stratten, N5AUS, will be at the meeting and will talk about the Texas Ham Pac.



March Meeting Report

The March meeting featured two sessions by K5PGF, Terry Leatherland, VP.

1. A discussion on the use of Cross-Band repeat functions with 2 meter Handie talkies and Mobile Dual band transceivers acting as a temporary repeater. It was put into action with the mobile repeater in the truck in the parking lot, although they had to overcome some HT desensing issues (too close to one another).
2. The 2nd topic was K5PGF's simple 20\$ Multiband Wire Vertical antenna/tuner hidden from the Homeowners association, and a copy of his approved HOA antenna waiver, something rare these days. Send an email to k5pgf@yahoo.com for a copy of the document if you need an example of the submittal form and letter for 1st Colony.

Both presentations are posted on the BVARC archives.



GREATER HOUSTON HAMFEST

A record breaking success.

By all initial indications, it appears that we broke all records for this year's BVARC Greater Houston Hamfest. More importantly however, is that it appeared that everyone had fun. John, K5IZO, will give an overview at either the May or June General Membership Meeting. See the President's Corner (next page) for some details. Thank you to all that made this possible.



President's Corner for Apr 2013

By Kirk Kendrick – KK2Z

QST...QST...QST...

March each year is a special time for BVARC – the Greater Houston Hamfest! This year, Mar 23rd was the magic date. My hat is off to John K5IZO and Matt K5NGU – our Hamfest Co-chairmen – as well as the rest of the over 70 volunteers for a fantastic job to put on a great Hamfest!!

The new layout worked well! The multiple door entry worked smoothly. The sound system worked almost too well ;-). My role as Vendor Liaison and Tables Coordinator was hectic but also successful with tables selling out the night before the Hamfest. (Actually, they sold out 4 different times as tables were released and resold.)

I worked with Tom K5SAF, Jerod W5JMK, and Thomas KT5TK to put a small HSMM-MESH network on the air at the Hamfest. We were able to pipe live video from the Satellite demos in the parking lot and from Andy W5ACM's presentation in lecture hall 1 back to table V7 – in the AMSAT area. Exciting to see it all work! The basics are that we needed 4 routers (WRT54GLs to be exact), 2 IP Cameras, 2 battery-operated setups for the parking lot and "repeater", and a computer to display the video feed back in the AMSAT table area. It worked!! We even had hams stop by to say "I have an HSMM-MESH network too!" One ham even had a node in his backpack that he used to connect to the BVARC mesh. There are opportunities EVERYWHERE...you just have to look (and be diligent). Next year?? We'll use the setup planned for August South Texas Balloon Launch Team flight – 900MHz links for HD cameras and audio!!

The moral to this story? Get On The Air!! Have fun and operate at home, in the field, mobile on the way to work, or even at your local Hamfest!!

And, as I remind you each month, join BVARC on the nets every week!

- Mondays at 8pm CST on 146.94 MHz PL 167.9 is the BVARC Public Service net. Announcements about upcoming club activities and other amateur radio related fun.
- Wednesdays at 7pm CST on 3910 kHz (3.910 MHz) is the BVARC Rag Chew net. You never know who will join or where the discussion takes us!

Get on the Air with BVARC!

73 de Kirk KK2Z



Monday Night NET Updates

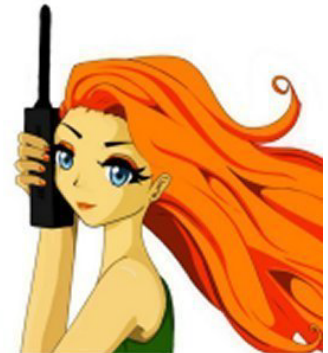
Don't forget the Monday Night Public Service Net starts at **8 pm** on 146.94 (167.9). The order of check-ins start with mobile units first then fixed stations. If you have something for the net, make sure you let Net Control know about it when you check in. We are looking for Net Control Operators.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

12/10 - 20 - Ron, k5hm	1/21 - 24 - Bill, Norma; David, kd7thj	2/25 - 37 - Pete, kd5qpx
12/17 - 24 - Bill and Norma	1/28 - 27 - Cameron, k5cam	3/4 - 35 - Cam, k5cam
12/31 - 15 - Terry, k5pgf	2/5 - 33 - Cameron, k5cam	3/11 - 35 - Louis, w5dpt
1/7/13 - 30 - Pete, kd5qpx	2/11 - 33 - Ron, k5hm	3/18 - 34 - Bill, ws5h & Norma, ke5n5n
1/14 - 31 - Ron, k5hm	2/18 - 31 - Bill and Norma, ke5ndn	3/25 - 32 - Cam, k5cam



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Scouts at the Hamfest

I want to thank the BVARC Hamfest staff for giving me the opportunity to teach part of the Radio Merit Badge class at the recent Hamfest. It was a very rewarding activity. We had about 8 boys and 5 adults in uniform during the session. There were several Elmers also in attendance and I thank everyone who came out. With the help of my grandson, Michael, we covered all of module 1, the first of the three modules of the Radio Merit badge. In this particular setting the boys will have to keep their notes and contact a merit badge councilor to finish up and to get on the air for 10 minutes. This was a real good start for the club to reach out to Scouts of all ages and types. After my lecture, I was approached by a scout and his father and asked how they could finish up the merit badge. That's when I told them about contacting a councilor to finish up and to hang on to the notes.

Later on that morning a couple of "older" guys expressed interest in helping out with the merit badge but didn't quite know how to get things started. The first gentleman was discouraged about the effort he put in to get a program started by talking to the scout office district leaders and others at the SHAC headquarters. I explained to him that this would be a difficult path to get the boys interested, because the program is supposed to be run by the boys. They make the decisions of the merit badges they work on and the program is up to them. The best way to get involved is to get acquainted with a troop and try to get some classes scheduled.

Another gentleman asked me about how to teach a class. I told him about the vast amount of information that is available on the internet on the website, <http://k2gw.tripod.com/radiomeritbadge/>. All of the presentations and workbooks and class schedules are located on this website and many other tools. I told him later that I will be putting on another full class on May 11th. This is a Saturday morning and we will attempt to get all of the boys completed on the merit badge and have fun in the process.

Another thing that I am looking into and any of you reading this article could do the same, is to contact the program director of a Boy Scout summer camp to see if a Radio Merit Badge class could be supported during the summer. I am doing that now to see what we could do at Camp Karankawa this summer. There are also weekend programs throughout the year that could be utilized. All of us need to mark our calendars for Field Day and for BSA Jamboree On The Air. This is also known as J.O.T.A. which will be the weekend of October 19 – 20, 2013. This could be a lot of fun for everyone.

Here is part of an explanation I got from the ARRL website about JOTA:

When Scouts want to meet young people from another country, they usually think of attending a World Jamboree. But few people realize that each year more than half a million Scouts and Guides "get together" over the airwaves for the annual Jamboree-on-the-Air (JOTA). The World Scout Bureau reported that the 2010 JOTA had just over 700,000 Scout participants from nearly 6,000 amateur radio stations! Modern technology offers Scouts the exciting opportunity to make friends in other countries without leaving home. JOTA is an annual event in which Boy and Girl Scouts and Guides from all over the world speak to each other by means of Amateur (ham) Radio. Scouting experiences are exchanged and ideas are shared via radio waves. Since 1958 when the first Jamboree-on-the-Air was held, millions of Scouts have met each other through this event. Many contacts made during JOTA have resulted in pen pals and links between Scout troops that have lasted many years. With no restrictions on age or on the number of participants, and at little or no expense, JOTA allows Scouts to contact each other by ham radio. The radio stations are operated by licensed amateur radio operators. Many Scouts and leaders hold licenses and have their own stations, but the majority participate in JOTA through stations operated by [local](#) radio clubs and individual radio amateurs. Some operators use television or computer-linked communications.

Another thing we need to do as a club is to invite local scout units to attend all of the fun activities that BVARC puts on throughout the year. This is the reason I joined BVARC and this is the way to get the younger generation involved with Ham radio. Go out and invite a Scout today.

Rick Barnes, NC5IR



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**Results of the March 23rd
BVARC Amateur License Examination Session
by: John Moore, KK5NU**

B-VARC sponsored and administered the ARRL-VEC's Amateur Radio License Examination session held on Saturday, March 23, 2013 at the Greater Houston Hamfest held at the Fort Bend County Fairgrounds in Rosenberg, TX. We were joined by the Houston ECHO/K3FL exam team for the morning.

Members of the Active VE Exam Team:

Dennis Dietrich, W5DDD
Jeffrey Fussell, KD5VGE
Larry Jacobson, K5LJ
Franz Laugermann, K3FL
John Moore, KK5NU
George Ontko, KM5VP
Marie Schaer, KD5UJT

We also had a good number of the attending VE's on our stand-by list to call upon if needed.

Nineteen (19) examination elements were administered to eighteen (18) applicants during the course of our two seatings during the day. Six new Technician class licensees, one new, one grandfathered and five additional upgrades to General class, and two upgrades to Amateur Extra class were attained; with the total numbers of elements passed being 14. The overall "pass rate" for the session was 73.7%.

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

Charlene C. Campbell	- KF5RVW	- General
Jack T. Carson	- WB9TRK	- General
Ronald R. Corwin	- {KF5USH}	- Technician
Robert W. Eddy	- {KF5USC}	- Technician
Christopher J. Fraughton	- {KF5USG}	- Technician
Robert D. Gardner	- KF5KCO	- Amateur Extra
Brett C. Harper	- {KF5USF}	- Technician
Lowell L. Jacobs	- KF5PBF	- General
Laban R. Johnson	- {KF5USE}	- Technician
John A. Knoffke	- W5JAN	- Amateur Extra
Robert L. Parker	- W5HAP	- General
Jesse L. Patterson III	- KF5SFW	- General
Janet T. Wrenn	- {KF5USD}	- Technician
William Zukley	- {KF5USI}	- General

Many thanks to all the Team Members, including the Houston Echo/K3FL VE's and our stand-by VE's who volunteer their valuable time and efforts each month.

... 73 ...





2013 BP MS150 Bike Tour Amateur Radio Volunteer Information

Do you think you can handle emergency communications for a large incident? Can you quickly install your radio equipment into emergency vehicles to help provide communications disasters? If you would like to find out if you have the “right stuff” and learn how to be better prepared for emergency communications then sign up to help with event communications for the 2012 BP MS150 Houston to Austin Bike Tour. Amateur radio communications provided reliable and needed communications for the entire 2-day bike ride that has over 13,000 riders. Operators are assigned at many locations along the route relaying important radio traffic between the Houston Command Post and event officials. Some of the positions that need communicators are:

- **Break points** – Providing communications for supplies, medical problems and SAG control at break points on the route. – This can be just a few hours to a full day commitment. It is dependent on the location.
- **Medical vehicles** – Operators ride in First Responder vehicles for emergency medical communications during the event. – **This is 2 day commitment**
- **MS150 Staff** – Operators ride with MS150 staff to provide communications for important issues and problems during the ride. – **This is 2 day commitment**
- **SAG vehicles** – Provided communications for the SAG drivers who are on the course picking up riders that have mechanical problems or that can no longer ride. – **This is 2 day commitment**
- **Supply Trucks** – Provide communications for the supply trucks so supplies can be routed to the needed locations to deliver supplies and materials. – **This is 2 day commitment**
- **Houston Command Post** – The command post interacts with medical incidents, and other problems on the ride. The command post monitors the ride on VHF and UHF amateur bands. Medical vehicles are tracked with APRS and commercial tracking units along the entire course and the information is relayed to the course medical coordinator. The command post is set up to receive calls from event personnel and emergency services along the route through an 800 telephone number to coordinate emergency calls and situations. - This can be a one hour commitment to two days. The command post is open from noon Friday to midnight Sunday so many operators are needed to fill this long time period.

Amateur radio volunteers need a minimum of a dual band VHF/UHF radio that has a minimum of 25 watts output and a gain type magnetic mount antenna (1/4 wave antennas do not work). If assigned to an event vehicle, you must be able to easily transfer between vehicles since assignments do change during the event. Food and sleeping areas (bed linens not provided) are provided for volunteers along the route on Saturday and Sunday by the NMSS organization. A secure parking area will be provided for your vehicle in Houston or Austin if needed. Transportation is available back to Houston for the volunteers that are assigned to event vehicles.

Volunteer hours begin at **4:00 am sharp on Saturday morning and will end between 8 and 10 pm on Sunday**. If you would like to volunteer or find out more information, please go to <http://bpms150hams.org> or call Mike Hardwick, N5VCX, at 713-826-6917 or Charlie Matthew, N0XFD, at 713-498-9802.





March Board of Director's Meeting

Due to personal reasons of the Recording Secretary, the March Board of Director's Meeting minutes are unavailable as this goes to press.



BVARC Historical Vignettes – BVARC's Holiday Breakfasts

Allen Mattis N5AFV, Club Historian

The members of BVARC have enjoyed getting together for breakfast on Saturday mornings since the earliest days of club. Over the years, the club has held the breakfast at many different locations, with the 7-year run (1999-2006) at the Viking Den in Stafford probably being the longest stretch of time at any one venue.

There was a period of time when the club met at a couple of the Denny's Restaurant in Houston. BVARC newsletters from April 1989 through June 1990 list the Saturday breakfast location as the Denny's Restaurant near Sharpstown Mall. At some point in the early 1990s, the Denny's Restaurant near Sharpstown closed and the building was torn down. BVARC had to find another place for breakfast, and the club began to meet Saturday mornings at the Denny's Restaurant located at 8199 Southwest Freeway near Gessner, which is a very short distance from the KPRC Channel 2 television studios.

Some of the other BVARC breakfast locations over the years include the Kettle Restaurant on the northeast corner of Chimney Rock and Westpark, the IHOP on Beechnut just inside the 610 Loop, Miss Janie's at 9920 Highway 90A in Sugar Land, and the Texas Brisket House on Highway 90A across from the Sugar Mill. And of course, there are the current locations of the 59 Dinner on the SW Freeway outbound service road near Kirkwood and the New York Coffee and Bagel Shop at 9720 Hillcroft.

It has often been stated that BVARC is as much an eating society as it is an amateur radio club, and in true BVARC fashion the club had unofficial holiday breakfasts in the late 1980s and early 1990s. The regular Saturday morning breakfast was still held but a second breakfast was usually held on the Mondays of holiday weekends such as Labor Day, Memorial Day and President's Day. Holidays such as Independence Day and Veterans Day that may not fall on a Monday were also celebrated with a holiday breakfast. Attendance at the holiday breakfast was usually not as large as Saturday morning because not all club members had the day off work.

BVARC members would find out about these holiday breakfast gatherings in a number of ways. The morning and afternoon commutes provided an opportunity for putting the word out on the repeater. The holiday breakfasts were also announced on the club nets. These breakfasts also provided an opportunity for club members to try different restaurants and still remain "loyal" to the designated Saturday morning venue.

Somehow, the holiday breakfasts have faded away into the past history of our club but perhaps they will return at some future date.



THE BVARC Rag Chew Net Late January, February and March Check-ins

Editor's Note: The article for February was submitted in a timely manner, however I managed to mis-file it (under Hamfest). This month's article therefore includes information from both months.

01/23/13, K5LKJ (NCS), WS5H, KC5JAR (Katy), W5TOM, K5LBU, AF5T, KL7AX (Katy), K5LJ, N5CPA, N5FNA (Deer Park), WN5A, AA0ST (Dickenson), W5TKZ, K5IZO, KD0CNC (Warsaw, MO), K5NDB, KF5PHA, K5WRN, AA5OA, N5ASH (El Campo), W5RH, WA5CYI, KE5OBY, W5HFF. (24 Check-Ins)
Solar Cycle 24: SFI = 105, SN = 53, A = 1, K = 0

01/30/13, K5LKJ (NCS), W5TOM, AA5OA, AF5T, N5FNA (Deer Park), W5HFF, WS5H, K5LJ, K5NDB, K5CEK, WN5A, N5DTT (Bellaire), W5RH, KF5OXH (Needville), KL7AX (Katy), AA0ST (Dickenson), WA5CYI, W5TKZ, K5WRN. (20 Check-Ins)
Solar Cycle 24: SFI = 95, SN = 63, A = 2, K = 0

02/06/13, K5LKJ (NCS), N5FNA (Deer Park), W5HFF, W5TKZ, W5RH, K5LJ, AA5OA, K5NDB, AF5T, N5CPA, AA0ST (Dickenson), K0NM, K5WRN, WS5H, KF5PHA, KL7AX (Katy), K5IZO, KK2Z. (18 Check-Ins)
Solar Cycle 24: SFI = 105, SN = 41, A = 2, K = 0

02/13/13, K5LKJ (NCS), W5HFF, N5FNA (Deer Park), W5TKZ, N5CPA, K5LJ, AF5T, WS5H, K5LBU, N5DTT (Bellaire), K5IZO, AA5OA, KF5PHA, K5NDB, WN5A, KL7AX (Katy), W5TOM, W5RH, KE5OBY, AA0ST (Dickenson), KD3HL/5 (Houston), K0NM.
(22 Check-Ins)
Solar Cycle 24: SFI = 100, SN = 55, A = 8, K = 3

02/20/13, W5TKZ, (NCS), W5HFF, N5CPA, K5LKJ (T), AF5T, WS5H, K5NDB, KE5OBY, N5DTT (Bellaire), K5LJ, K5LBU, AA5OA, W5RH, KF5PHA, K5IZO, W5TOM, K0NM (17 Check-Ins)
Solar Cycle 24: SFI = 114, SN = 117, A = 5, K = 1

02/27/13, K5LKJ (NCS), W5TKZ, K5LBU, AA0ST (Dickenson), K5LJ, AF5T, N5CPA, K0NM, WA5CYI, K5NDB, AA5OA, W5RH, W5TOM, KF5PHA, K5WRN, NA5CW (Spring) (16 Check-Ins)
Solar Cycle 24: SFI = 103, SN = 49, A = 4, K = 0

03/06/13, K5LKJ (NCS), W5TKZ, WA5CYI, K5IZO, N5CPA, K5LJ, WD6CQO (Needville), AA5OA, WS5H, K5WRN, KE5OBY, AA0ST (Dickenson), W5UFG (College Station), K5NDB, K0NM, W5RH, KF5PHA, KA5MEI (Hockley).
(18 Check-Ins)
Solar Cycle 24: SFI = 114, SN = 106, A = 3, K = 1

03/13/13, K5LKJ (NCS), WS5H, W5TKZ, K0NM/5 (Hungerford)(P), K5LJ, KE5OBY, AA0ST (Dickenson), KL7AX (Katy), K5NDB, N5CPA, AA5OA, W5RH, W5TOM, K5IZO, KF5PHA. (15 Check-Ins)
Solar Cycle 24: SFI = 123, SN = 95, A = 5, K = 1

03/20/13, W5RH, K5LKJ (NCS), WA5CYI, W5TKZ, AA5OA, N5CPA, K5IZO, K5LBU, K5LJ, KE5OBY, WN5A, AF5T, K5NDB, KL7AX (Katy), K5HTB, KF5PHA, WS5H, N5ASH (El Campo), WD6CQO (Needville), W5HFF, K0NM, KE5HDF. (21 Check-Ins)
Solar Cycle 24: No data reported.

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

Come join us each Wednesday. Regards. John K5LKJ



2013 Club Officers:

President:
Kirk Kendrick, KK2Z
kmkendrick@gmail.com

Vice President:
Terry Leatherland, W5PGF
k5pgf@yahoo.com

Corresponding Secretary / Treasurer
Robert Tomlinson, N5JSL
rbtswim@gmail.com

Recording Secretary:
Pete Sauermilch, KD5QPX
kd5qpx@arrl.net

2 Year At-Large Board Member A:
David Barber, K5NDB

2 Year At-Large Board Member B:
Ron Litt, K5HM
k5hm.ron@gmail.com

1 Year at Large Board Member
Travis Burgess, K5THB
travburg1@sbcglobal.net

Club Happenings:

General Meeting

Second Thursday each month, 7:30 PM
Imperial Park Recreation Center,
234 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

See in adjacent column.

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, 7:00a.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 +, 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>

04/20/2013 | HamEXPO

Sponsor: Temple Amateur Radio Club

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

Location: Bell County Expo Center
301 West Loop 121, Belton, TX 76513

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

Sponsor: Temple Amateur Radio Club

Talk-In: 146.820 (PL 123.0)

Email: mlefan@lefan.com

04/27/2013 PARC Tailgate Sale.

Frank Braden Center

1838 E Sam Houston Pky S, Pasadena, TX 77503-3408

It will be in the in the central parking lot, in front of the Summit.

05/04/2013 Smithville Hamfest 2013

Dr. George M. Jones VFW Post 1309

557 Loop 230 North, Smithville, TX 78957

Website: <http://www.bcarc-hams.org/>

Sponsor: Bastrop County Amateur Radio Club

Talk-In: 145.35 & 443.75 (PL 114.8)

Email: wd5iqr.al@gmail.com

06/07&08/2013 Ham-Com

Location: Plano Centre

2000 East Spring Creek Parkway, Plano, TX 75023

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



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 Imperial Park Recreation Center, 234 Matlage 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 \$200.00.

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

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APRIL 2013

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

FIRST CLASS POSTAGE

- BVARC General Membership Meeting – Thursday, April 11, 7:00 PM (Early start time)

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