



BRAZOS VALLEY AMATEUR RADIO CLUB



AMATEUR RADIO FOR SOUTHWEST HOUSTON AND FORT BEND COUNTY

MARCH 2013

VOLUME 37 ISSUE 3

BVARC March General Membership Meeting

7:30 PM, Thursday, March 14, 2013

234 Matlage Way, Imperial Park Recreation Center, Sugar Land, Texas

- 1) K5PGF will demonstrate / illustrate the use of Dual Band VHF/UHF mobile and handie talkie radios working cross band repeat as temporary repeaters. Useful for Public service events.
- 2) K5PGF and NT5SM will demonstrate live the the use/function of APRS on iPad/iPhone/Droid for tracking Ham stations thru APRS.



February Meeting Report

As this goes to press, the regular Meeting Report (for February) is not available. Essentially the meeting consisted of the usual reports and the featured presentation. Terry, K5PGF, demonstrated remote control of a station as attempts were made to contact Kirk Kendrick when he was on a cruise ship.



GREATER HOUSTON HAMFEST

2 WEEKS AWAY, March 23.

As you receive this, the GREATER HOUSTON HAMFEST will be a little over 2 weeks away, March 23. The detailed flyer is in this issue. We are all looking to having a good time and hopefully another successful hamfest.

DISCOUNTED ADMISSION TICKETS CLOSES ON SATURDAY, MARCH 9.

Get your discounted tickets (\$6) on-line, receive 2 raffle tickets, and enter via the VIP Expedited Entrance. After March 9, attendee admission will be at-the-door only, will be \$10 and will have 1 raffle ticket. If you want a table, there are less than 30 left (out of ~200) so select them today!

We have the usual great raffle prizes, speakers, many other events and 35 more additional tables. Go to the flyer in this issue and then go to the website at www.houstonhamfest.org





President's Corner for March 2013

By Kirk Kendrick – KK2Z

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

February was a GREAT vacation –
a Ham Radio cruise out of Galveston!

A group of 54 ham operators, spouses, and interested guests made their way with 3,500 other guests on the Carnival “Magic” for a tour to Key West and the Bahamas. Plus, we had meetings for presentations and discussions.



Pictured with David NA5CW the owner of Houston Amateur Radio Supply and sponsor of the trip are the BVARC members that went – Michael K5WRN, Kirk KK2Z, Paul AF5BV, Jerod W5JMK, all of whom brought their spouses. A special guest was Ted W4DUF -- the father of Terry K5PGF – who left his station in Alabama active for the remote operation demonstration for the club meeting.

The group had an awesome time operating from the ship with a total of over 1500 contacts for the group. Kirk, Jerod, and Ted tried but were unsuccessful to connect with the club through the remote link during the February program. For those interested, there are plans for another ham cruise next year around the same time of

year. The travel agent that planned the trip – My Pin Money Travel – should have details on that trip at the Greater Houston Hamfest!

The moral to the story? Get On The Air!! Have fun and operate at home, in the field, or even on a cruise ship!

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



Radiosport Tips – Part 2

In our first part, we listed some basic contest tips to get you thinking about contests and how you can be more successful. Here is some more good practical advice.

- **Compete with a partner**

Being number one in the world in a contest is exceptionally difficult to do. Practice, ability to travel to the most advantageous locations for a contest, skill and money are needed to have a shot at world number one. So what is a budding contesteer to do? Try competing with a partner.

One of the most enjoyable aspects of belonging to a club is that you relate to those that are also into contesting as part of their ham radio experience. Pick a contest and “compete” with another person in the club. Its more fun, if he knows you are challenging him but for starters, you could just compare scores after the fact.

When I tried this in the past, it always got me more fired up to do better during the contest weekend simply knowing that another club member was working hard to compete with me.

- **Study the Propagation.**

It is one thing to have an overall plan for a contest but it is not the whole story. A big part of any contest, especially a DX contest, is propagation and propagation is a variable right up to and during the contest as well.

Knowing what bands are open to which areas of the world is important. This contesting skill can be significantly enhanced through the use of propagation programs. These programs can provide you a decent indication of what bands will be open to various locations around the planet. Having them available can be a great reference during the contest.

I’m a believer in not having to think too much — because the longer we contest without sleep, the less thinking is capable of being done.

- **Send in your log.**

The reasons for not sending in a log vary but the one I hear most is, “I’m not really competing in the contest, I’m just handing out contacts to those who need them.” “It’s only three contacts, so who cares?”

Whether its one contact or one million, it may seem obvious that if you participate in a contest that you should send your log, but many hams don’t, and that’s a shame. Sending in your log after the contest is the right thing to do. Even if you have ten contacts and think they mean nothing, send in the log and help the sponsors validate what happened during the contest. Every contact counts.

Logs are used to cross reference other logs to validate contacts. Your three or three hundred contacts are thrown into the mix and help the contest sponsors validate what happened in the contest.

Your log reduces the unmatched contacts count in other logs. If all you do is go into the contest and work ten stations without submitting a log, you created ten unmatched contacts for other stations. While not taking away points, too many unmatched QSO’s are a red flag for possible “cheating” to contest judges. By submitting your log, you validate those contacts and reduce the unmatched QSO’s in the contest.

- **Upload your log to Logbook of The World and eQSL**

After sending in your contest log to the contest committee, there’s another important task to complete — send your log into the [Logbook of The World](#) and [eQSL](#)

Sending your log to the two electronic repositories has several advantages for you. The confirmation can be used by you for awards (ARRL WAS, DXCC, WPX and soon WAZ). No handwriting of QSL card requests, just

upload your log in ADIF format. Fewer QSL cards to send. Fewer stamps. Fewer envelopes. This is a good thing.

- **Take Advantage of the Grey Line**

For those who may be new to ham radio or propagation, the grey line is the area on the earth where it is twilight, the boundary between day and night. This time period, longer at the poles, less at the equator, is both a wonderful propagation time and the time of transition between bands.

Knowing where the grey line is at the moment is a great accessory to have for a contest. The grey line has many interesting, and perhaps still unknown, propagation characteristics as well. Signals travel further, are louder, and are geographic specific while in the grey line.

Consequently, the time between day and night or night and day is a time of transition and decision-making. Is the grey line running through our QTH and a distant multiplier that we need on 40-meters? Do I try and stay on 40-meters to see if a multiplier will be heard or do I shift to 20-meters?

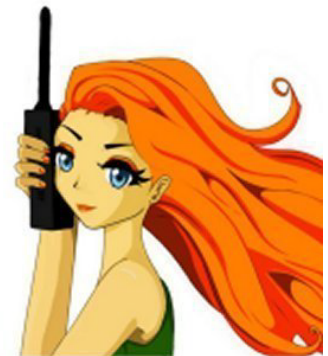
Some contest logging programs, like N1MM have a grey Line map built in to the program. Or you can view the Grey Line on various web sites such as, <http://dx.qsl.net/propagation/greyline.html> .

Look for Radiosport Tips Part 3 next month.
Reporting from the Dark Side
73,
Ron, K5HM



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RadioSport Events of Note for March 2013

March is a big month for Radiosport events. Two of the year's biggest are this month: The ARRL International DX Contest early this month and the CQ WW WPX Contest at month end; both are SSB

Try a sprint! Sprints are short contests; usually two - four hours long, so you don't have to commit a whole weekend to contesting. If you are new to Radiosport, sprints are a good way to get your feet wet and they are fun.

ARRL International DX Contest, SSB

Here's a big one. 0000Z, Mar 2 to 2400Z, Mar 3, 2013
(1800 Local Mar 1 to 1800 Local Mar 3)

<http://www.arrl.org/arrl-dx>

EA (Spain) PSK 63 Contest

1600Z, Mar 9 to 1600Z, Mar 10, 2013
(1000 Local Mar 9 to 1000 Local Mar 10)

Basically a Saturday. Get in there and mix it up.

You'll have more EA stations on the air, hopefully some of the rarer locales like Balearic Is. (EA6) and Ceuta/Melilla(EA9)

If you are a digital nerd, try PSK63, its twice as fast as PSK31!

<http://www.ure.es/contest/428-ea-psk31-contest-english-version.html>

Russian DX Contest

1200Z, Mar 16 to 1200Z, Mar 17, 2013
(0600 Local Mar 16 to 0600 Local Mar 17)

You have to get up pretty early for this contest but hey, its Russia.
You will have fun! That's an order, comrade!

<http://www.rdxo.org/asp/pages/rulesg.asp>

North American Sprint, RTTY

0000Z-0400Z, Mar 10, 2013
(1800 Local Mar 9 to 2200 Local Mar 9)

See, its over before you know it. Have some fun in a new mode.

<http://www.ncjweb.com/sprinrules.php>

North American Sprint, SSB

0000Z-0400Z, Mar 17, 2013
(1800 Local Mar 16 to 2200 Local Mar 16)

Only 80, 40 or 20 meters for this one.

<http://www.ncjweb.com/sprinrules.php>

NAQCC Straight Key/ Bug Sprint, CW of Course

0030Z-0230Z, Mar 21, 2013
(1830 Local Mar 20 to 2030 Local Mar 20)

North American QRP Contest Club (you don't have to be a member) but if CW is your thing, this event is only two hours long.

<http://naqcc.info/sprint201303.html>

CQ WW WPX Contest, SSB

0000Z, Mar 30 to 2400Z, Mar 31, 2013
(1800 Local Mar 29 to 1800 Local Mar 31)

It's a grind but worth it. Make sure you are in shape!

<http://www.cqwpw.com/rules.htm>

State QSO Parties

Get your WAS over the finish line if you need these two states or if you are a county hunter, find those rare ones.

Idaho QSO Party

1900Z, Mar 9 to 1900Z, Mar 10, 2013
(1300 Local Mar 9 to 1300 Local Mar 10)
Are there that many hams in Idaho?
<http://idahoarrl.info/qsoparty/rules.htm>

Wisconsin QSO Party

(Worked all Cheese Heads)
1800Z, Mar 10 to 0100Z, Mar 11, 2013
(1200 Local Mar 10 to 1900 Local Mar 10)
http://www.warac.org/wqp/wiqp_rules.htm

Get out there and Mix it up!

Reporting from the Dark side,

Ron, K5HM



February meeting presentation – follow-up:

An upgraded version, of the “The G5RV – Antenna System Analysis” presentation, has been placed on the BVARC Tech Articles web page:

http://www.bvarc.org/pdf/g5rv_w5rh.pdf

This is the ‘Rev B’ version of what was presented at the February BVARC meeting. I will also have this information displayed at the 2013 Greater Houston Hamfest March 23rd, as a poster presentation. Handouts listing the referenced material will be available at the Hamfest.

Should you have any questions or comments, please do not hesitate to send me a note.
rhiller@sdicgm.com

TNX ES 73....Rick – W5RH



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:

11/12 - 24 - Clint, kf5hdf	12/17 - 24 - Bill and Norma	1/28 - 27 - Cameron, k5cam
11/19- 23 - Dwayne, kb5yta	12/31 - 15 - Terry, k5pgf	2/5 - 33 - Cameron, k5cam
11/26 - 26 - Pete, kd5qpx	1/7/13 - 30 - Pete, kd5qpx	2/11 - 33 - Ron, k5hm
12/3 - 31 - Cameron, k5cam	1/14 - 31 - Ron, k5hm	2/18 - 31- Bill and Norma, ke5ndn
12/10 - 20 - Ron, k5hm	1/21 - 24 - Bill, Norma; David, kd7thj	2/25 - 37 - Pete, kd5qpx



**Results of the February 12th
BVARC Amateur License Examination Session
by: John Moore, KK5NU**

B-VARC sponsored and administered the ARRL's Amateur Radio Examination session that was held on Tuesday, February 12, 2013 at HCC's Scarcella Science & Technology Building here in Stafford.

MEMBERS OF THE VE TEAM:

Jeffery Fussell, KD5VGE
John Moore, KK5NU

Louis House, W5DPT
Robert B. Tomlinson, N5JSL

Larry Jacobson, K5LJ

Two examination elements were administered during the evening to two applicants. Two upgrades to General class were attained; with the total number of elements passed being 2. The overall "pass rate" for the evening was 100%.

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

John P. Blakeman	- KF5TIO	- General
Bruce M. Cox	- KF5TQY	- 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



Technician License Class:

Philip Hudson, WD5DAY

BVARC members, we would like to remind you of our upcoming Technician License Class. Please keep this in mind if you have any friends or relatives who want to get their Technician License.

- Dates and time: Wednesday nights, April 3, 2013 to May 8, 2013 from 6:30 to 8:30 pm.
- Location: Houston Elks Lodge #151, 10150 West Airport, Stafford, TX 77477, located on West Airport between Murphy Road and Beltway 8.
- Cost: \$30.00 (includes a copy of the current ARRL Technician License Manual). \$5.00 fee if you already have the manual.
- The current ARRL license manual is titled: "Ham Radio License Manual Revised 2nd Edition"
- Preregistration is required--space is limited. Late sign-up will be allowed if there is available space.
- Minors must be accompanied by a parent or guardian.
- Contact Philip Hudson, WD5DAY, at 281-438-4554 for additional information.





12th Annual

Brazos Valley Amateur Radio Club GREATER HOUSTON HAMFEST



Hosting the

ARRL South Texas Section Convention

Saturday, March 23, 2013 - 8 am – 1:30 pm

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

On-line seller Table selection and Registration

THIS YEAR AGAIN:

- Raffle -- with multiple high dollar value prizes
- Equipment test station – spot check equipment before you buy
- Tailgating area, with 7AM early seller/buyer access
- Special seller parking for easy unloading and table access

Keynote Speaker **Ward Silver, N0AX, ARRL**
QST Contributing Editor

RAFFLE: Tickets \$1 each, 7 for \$5

GRAND PRIZE

Icom IC-7000,
Mobile HF/VHF/UHF Transceiver
With Separation Kit and Mounting Bracket
Plus a LDG IT-100 Autotuner



Provided by ICOM and BVARC

ADDITIONAL RAFFLE PRIZES

Alinco DR-135
Mobile 2M Transceiver



Provided by River Oaks Car Stereo

West Mountain Radio PWRCheck



Provided by West Mountain Radio

Other prizes to be added as they become available

Every pre-paid admission receives two raffle tickets

Door prizes drawn every 10-20 minutes with high value prizes drawn throughout Hamfest.

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
- Live HF Station

Displays & Info:

- AMSAT
- Equipment test station
- Ham License Testing
- RV Camping and Local Lodging
- On-site food – DX Kid's Café
- Texas QSO Party
- 10-10 & Houston SHOT Net
- Fox Hunt by SETAC -- Prize \$100 (donated by River Oaks Car Stereo)
- Tailgating – Free, with 7AM access by sellers & buyers

Miscellaneous:

Admissions: On-Line (until March 9)- \$6 - Includes 2 door prize tickets and entry via VIP expedited door!
At-Door: \$10 – Includes 1 door prize ticket.

Boy Scouts & Girl Scouts in uniform – Free. Children under 14 Free!

Tables: All tables - \$15 (choose tables on-line in advance). Those with 5 or more tables receive 2 free admissions.

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

NOTE: BVARC-GHH reserves the right to change this information. Please check the website for more up-to-date information. Rev: E

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



Minutes of February 7th, 2013 Board of Directors meeting of the Brazos Valley Amateur Radio Club:

Kirk Kendrick called the monthly Board of Directors meeting for the Brazos Valley Amateur Radio Club to order at 7:00 PM on February 7th, 2013 at Fuddruckers, 11445 Fountain Lake Drive, Stafford, TX. Attending were: Kirk Kendrick, KK2Z (Pres.); Bob Tomlinson, N5JSL (Cor. Sec./Treas.); Peter Sauermilch, KD5QPX (Rec. Sec.); Ron Litt, K5HM (2yr At-Large Dir. & Radio Sport); Travis Burgess, K5HTB, (1yr At-Large Dir.); David Barber, K5NDB (1yr At-Large Dir.); Eddie Runner, NU5K (Webmaster); Cameron Mitchell, K5CAM; John Chauvin, K5IZO (Newsletter Editor); Sharon Tomlinson, KF5HUF; Bill Stone, WS5H, Norma Stone, KE5NDN; Dave Beers, AF5T; Michael Monsour, AC0TX; Jerry Muller, KF5EYC; Matt Tatro, K5NGU; Phillip Hudson, WD5DAY; Scott McKee, NT5SM; Rick Hiller, K5RH; Ross Lawler, W5HFF; Mark Lawler.

1. Minutes for the January 2012 meeting were approved as previously distributed by email and appears in the January 2013 newsletter.
2. Treasurer's Report:
 - 2.1. Was presented to and accepted by the Board.
 - 2.2. Tomlinson announced that there were a lot of renewals and new members as a result of banquet pricing.
3. Radio Sport:
 - 3.1. Litt announced that everything relating to radio sport is on the BVARC Web Calendar.
 - 3.2. Field Day rules have changed as we can start set-up earlier this year.
4. Old Business:
 - 4.1. Hamfest Report: Chauvin announced that the tasks are under control. Tomlinson announced that 31 have already signed up. If board approves, he has a credit card reader, cost is 2.7% per transaction directly into our Pay Pal Account. Board had already approved through email exchanges.
 - 4.2. Banquet: Kendrick announced that he had accidentally eliminated the dessert. Caterer did not inform audience that there was coffee available and that created some negative feedback. Kendrick solicited comments on things linked and not linked.
5. New business:
 - 5.1. Wish List: Burgess, Tomlinson, McKee, Muller volunteered to the 2013 Wish List Committee.
 - 5.2. Contest Season: Hiller wanted to know who gets club computers for Field Day. Tatro will take custody.
 - 5.3. Museum Ships: Board approved Litt as the event chairman.
 - 5.4. Field Day: Board approved Tatro as the event chairman.
 - 5.5. News Letter: Stone complained about the shape of newsletter, fault of US Postal Service. Discussion followed leading to next item.
 - 5.6. Email Newsletter: Muller proposed again that a bulk email go to all members with the newsletter. Very active discussion followed regarding abandonment of paper newsletter to be replaced by email. Kendrick decided that matter requires study of a committee. Litt and Tatro volunteered.
 - 5.7. Stone: Safety gear, proposed club buy a safety belt for tower climbing. Board voiced that it become a wish list item. Muller voiced that a safety harness costs \$169. Lawler voiced that all this had been discussed before and liability of loaning equipment had always been the show-stopper.
 - 5.8. Lawler: Wants a tri-band splitter on the wish list.
6. Meeting adjourned at 7:41 PM

Submitted by Recording Secretary, Peter Sauermilch, KD5QPX



BVARC Historical Vignettes –

Due to a family situation with the author, there will be no Historical Vignettes this month.





THE BVARC Rag Chew Net

As this issue goes to press, the information of the participants in February are not available. Look in next month's issue for the February and March attendees.



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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

CW Net
Tuesday night, 7PM, 3.550 MHz

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>

03/16/2013 | Williamson County ARC's Hamfest

San Gabriel Park Community Center
445 East Morrow Street, Georgetown, TX 78626
Sponsor: Williamson County Amateur Radio Club
Website: <http://wcarc.com>
Talk-In: 146.64 (PL 162.2)

03/23/2013 | South Texas Section Convention
(Greater Houston Hamfest)

Brazos Valley Amateur Radio Club
Fort Bend County Fairgrounds,
4200 Highway 36, Rosenberg, TX 77471
Website: <http://www.houstonhamfest.org/>
Talk-In: 146.940 minus offset (PL 167.9)

04/20/2013 | HamEXPO

Location: Belton, TX
Sponsor: Temple Amateur Radio Club
Website: <http://www.beltonhamexpo.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 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 2013

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

FIRST CLASS POSTAGE

- Final day for discounted Hamfest registration – Saturday, March 9
- BVARC General Membership Meeting – Thursday, March. 14
- Greater Houston Hamfest, March 23

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