

THE B-VARC BULLETIN

Volume 20, issue 6

June, 1997



<http://www.hal-pc.org/~bvarc>

Note from the Editor –

Looking for some articles! Have you bought a new rig lately? Drop me a note and tell me what you've got, and how you like it. I know many people have picked up new rigs recently, and I want to read all about them. Remember, Hamcom is coming in June!! If you need help, call me and I can give you some ideas. 73,
Scott, ki5dr

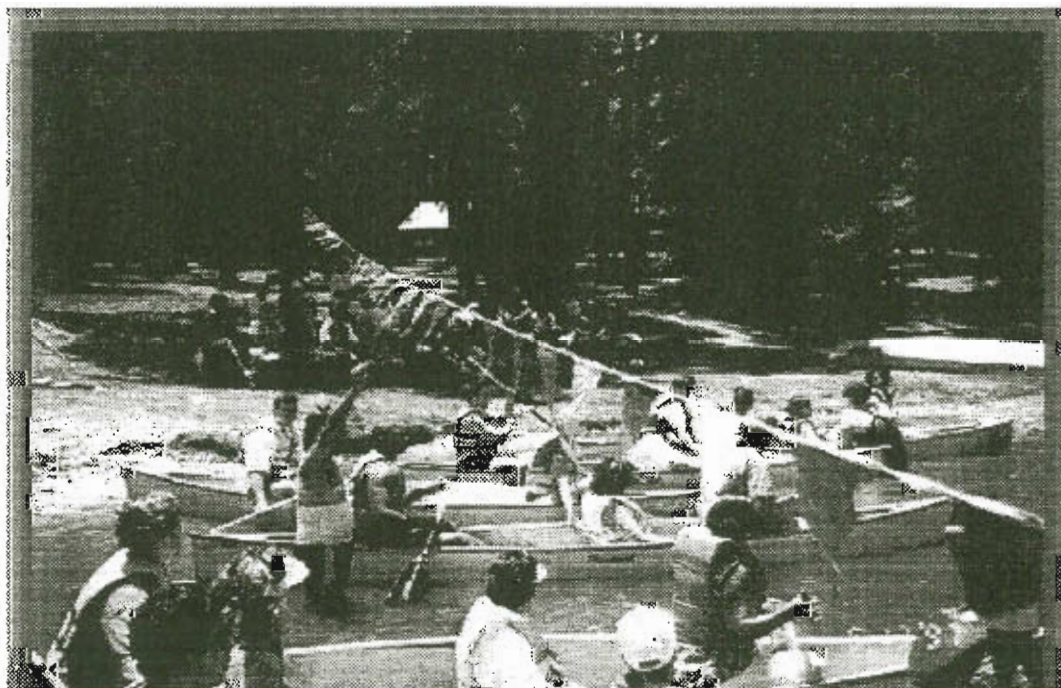
What's in this issue?

- Field Day special!! P. 6
- 10-10 SHOT news, P. 8
- Public Service Corner P. 10
- Scanner Jack's Corner P. 11

**Will the Internet Devour Ham
Radio?
P. 9**

**A Special Thanks to the First Colony Church of Christ for the use of their facilities
which make this newsletter possible.**

What is this a picture of?? Read On...



THE B-VARC BULLETIN

President:

Gailen Marshall - N4SKR

Vice-President:

Rick Hiller - W5RH

Recording Secretary:

Terri VanSlyke - W5BKK

Corresponding Secretary:

John Dryton - KC5QZD

Treasurer:

Nizar Mullani - K0NM

3-Year Board Member:

Jackie Burton - KC5OHJ
(713) 460-1968

2-Year Board Member:

Terry McCoy - W5TEM
(713) 641-4595

1-Year Board Member:

Bud King - N5UOG
(713)-494-3741

Past President:

Ron Grimes - WA5SCE
(713) 341-7137

PSN Check-ins for April 1997

By Jackie, KC5OHJ

Here are the check-ins for the Monday
Night Public Service
Information Net:

5/5 - 45

5/12 - 41

5/19 - 34

5/26 - 34



Every Meeting a Hamfest

Don't forget!

The monthly meetings are a perfect time to bring your junk box to trade with other hams who bring their Junk Box! Remember, one ham's junk is another ham's Junk!

Public Service Events!

None this month...Stay tuned for the Katy Flatlands ride, and the Alamo Challenge!

Technical Corner

- June--Field Day Rules and Operating Procedures--Alan N5XZ
- July--Shack Grounding

Product Corner

- June--SAREX update
--Bruce KK5DO
- July--10/10 Activities
--Allen N5AFV

Program

- June--**QRP, QRP, QRP!**
--ED Manuel N5EM--
Look forward to another bang up session from N5EM (He did the fantastic ATV program 2 months ago). All about QRP equipment, operations, antennas and philosophy. Lots of hands-on!

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- July--Ice Cream Social/ Book and Junk Swap Meet/ Home Brew Display-- Bring your coolest homebrew project, all of your excess ham books and magazines and ham 'junk' and a bit of your favorite ice cream and enjoy the social event of the summer. Spoons and bowls provided. Got a home brew project of which you are proud? Bring it to display and compare notes with other home brewers. Clear those shelves of those never used amateur radio books and magazines and empty out your junk box and bring it all down to swap (no selling allowed) or give away.

Thanks...Rick

June 28, 29 Field Day

Help needed for the 1997 Annual B-VARC Field Day / Cookout. For information on what is needed, or to sign up to operate, contact Alan N5XZ.

B-VARC RAG CHEW NET CHECK-INS 3.960MHz +/-3KHz
Wednesdays at 8:00PM by Sam Wilson, N5CPA

Just WHAT IS the Rag-Chew Net? Well, it's a chance for you to get on the lowbands and hang out with other B-VARC members, as well as hams from around the south central US! What??? Don't have voice privileges? Got a shortwave receiver? Dial in and listen, then check in using our Rag Chew Hotline announced at the beginning of each net. Here's who you'll hear -

04/02/97 N5CPA, N5UOG, K5LJ, KK5DO, KJ5SS, KI5SC, KB5PAJ, KG5KV, KB5V, W5TEM, WN5A, W5HFF, KC5KGJ. (13)

04/09/97 N5CPA, WN5A, WB5NES, N5UOG, W5EFB, KI5SC, KB5PAJ, KB5VTB, N5AFV, N5KX U, KJ5SS, NM5K, W5TEM, W5IHY, KM5HP, K5LJ. (16)

04/16/97 N5CPA, W5EFB, N5UOG, W5GHK, KM5DG, KE5SR, KK5W, KA0TEN, N5AFV, W5GBR, WB5NES, KG5KV, N5XZ, KI5SC, KB5PAJ, WB8SVR, N5ECP, N4SKR, WA5TWL, W5IHY, K5LJ, KE4TLK, W5TEM, NM5K, K5LYO. (25)

04/23/97 N5CPA, W5EFB, K5LJ, KK5W, KK5DO, W5GHK, XE2/KC5FMT, XE2/KC5FMU, N5XZ, W5GBR, , KJ5SS, W5IHY, W5TEM, WD8RZA, KG5KV, NM5K, KB5TOJ, KA0TEN, KC5NMR. (19)

04/30/97 N5CPA, KG5KV, W5EFB, N5UOG, KJ5SS, W5GHK, WA4PZR, KM5DG, W5IHY, WA5TWL. (10)

73 de N5CPA, Sam

President's Message for June 1997

Well, everyone, it is rapidly coming up on Field day '97. For the new club members, here is an opportunity for you to observe and participate in a literal smorgasbord of amateur radio...have opportunity to make HF AND VHF?UHF DX and maybe even satellite contacts...learn more about various rigs and antenna...and generally just have a whale of a good time. Bring your XYL (or OM - this time I remembered, Terry) and all the rug rats. I

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guarantee we will have a ball...rain OR shine.

To insure this, we need help in the preparations. See Allen Brier's column on Page 6 in this newsletter. I want to again thank Allen and Connie for their efforts on the club's behalf to organize and coordinate the efforts for Field Day. However, we need more help. If you want to operate, cook breakfast (we will supply the fixin's), help with set up and tear down, we can find a place for you. Randy Pollard AJ5G and Jack Vandemark WN5A are cooking burgers for our traditional evening meal. There will be lotsa tea and soda for all.

Mark your calendars and come one, come all...it will be worth it!

73
de N4SKR



Meeting of the Board of Directors of The Brazos Valley Amateur Radio Club May 1, 1997

A quorum of the Board of Directors met on the MERA 145.47 repeater on May 1,

1997. This was the fifth board meeting of the calendar year. The meeting was called to order by President, Gailen Marshall -- N4SKR, at 7:30 p.m.

The following Board Members and guests were present: Gailen Marshall -- N4SKR, Terri Van Slyke -- W5BKK, John Dryton -- KM5HP, Nizar Mullani -- K0NM, Jackie Burton -- KC5OHJ, Terry McCoy -- W5TEM, Bud King -- N5UOG, Scott Pederson -- KI5DR., and Allen Brier -- N5XZ.

President, Gailen Marshall -- N4SKR, asked if any Board Members had received the minutes for the April Board Meeting. Recording Secretary, Terri Van Slyke -- W5BKK, responded that she had not sent the minutes out and that they would be available at the next board meeting. Gailen also stated that Vice-President, Rick Hiller -- W5RH, would not be present for the meeting due to the loss of a friend.

Recording Secretary, Terri Van Slyke -- W5BKK, reported that the picnic went well in spite of cold weather and unplanned change in location. She suggested a picnic in the fall if there was club interest and Board approval. President, Gailen Marshall -- N4SKR, said that he felt that those who attended the picnic had a good time, and a picnic in the fall would be a good idea.

Corresponding Secretary, John Dryton -- KM5HP, stated that the roster had been updated. He said that the next Technical Corner would be presented by Bruce Paige -- KK5DO. President, Gailen Marshall -- N4SKR, mentioned that John

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is the one to contact with any problems regarding the roster or receiving the newsletter.

Treasurer, Nizar Mullani -- K0NM, stated that a full treasury report would be available at the next meeting. President, Gailen Marshall -- N4SKR, reported that Nizar has had articles published in *CQ* and *QST* recently. Nizar said he would have another one published in July.

Board Member and Public Service Net Manager, Jackie Burton -- KC5OHJ reported that the past Monday night net had been disappointing. She stated that she needed volunteers for the Clean Air Challenge. She also stated that she had not received a newsletter since the first of the year. Corresponding Secretary, John Dryton -- KM5HP, said there had been some problems with newsletters in January he thought had been cleared up. He said he would check into the problem for her.

Board Member, Terry McCoy -- W5TEM, had nothing to report. He expressed concern about interference on the repeater by the "squirrel".

Board Member, Bud King -- N5UOG, had nothing to report

Newsletter Editor and Public Service Chairman, Scott Pederson -- KI5DR, reported that he had contacted several other groups including Compaq and NARS to see if there was interest in pooling resources for volunteers for public service events. He said that checking in on nets has not been an

effective way to obtain volunteers. He also said that the newsletter needed articles.

Board Member, Bud King -- N5UOG, asked for the current number of paid club members. President, Gailen Marshall -- N4SKR, said he would have that number at the next club meeting.

President, Gailen Marshall -- N4SKR, reported that an audit committee had been formed consisting of : Randy Pollard -- AK5G, Dale Brown -- KC2PZ, and Steve Gottlieb -- WA5OEN. He said that Treasurer, Nizar Mullani -- K0NM, is getting the necessary information to the committee. He expects to have it certified and presented to the club for approval by the June or July meeting. He also stated that he needed a list of suggestions for the club's vanity call sign. He mentioned that the Board had been polled by e-mail and he had a total of 14 calls for submission. He said that the club is eligible for a 1x2 or 2x1 call because our Trustee, George Jolly -- ND5E is an Extra class. He added that if he did not receive any further responses, he would prepare the current list and send it in. Board Member, Bud King -- N5UOG, suggested bringing the list to present to the club before submitting it. Gailen said he would bring the list to the meeting Thursday for final approval and get it in the mail by Friday.

Allen Brier -- N5XZ, stated that he had not had time to check into a supplier for B-VARC paraphernalia such as hats and shirts, but he would do so as soon as possible.

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President, Gailen Marshall -- N4SKR, expressed concern regarding interference on the repeater. He said that there would be a short presentation at the next meeting of specific steps to deal with this problem. He said that plans are being drawn up he believes will be successful in dealing with this problem and encouraged all to come to the next meeting for specific information. He also said that Field Day was less than 2 months away and that Allen Brier -- N5XZ, would be Chairman again this year.

Allen Brier -- N5XZ, reported that he needed to make sure that insurance for Field Day was paid, and he needed an endorsement which stated the event, site, and dates as was done last year. He also mentioned pricing a see through tent which would allow people to watch stations in operation. President Marshall suggested borrowing such a tent from a club member if possible. Allen said he needed volunteers, operators, antennas, campers or mobile homes, and towers. He mentioned a need for a 3 or 4 element tribander, and push up pole. He said had generators, radios, and volunteers to cook. He mentioned that he would cater a barbecue meal as was done last year. He added that B-VARC was 3A last year but may go 2A this year. Stations would include Novice, Satellite, QRP, and Solar Power.

Board Member, Bud King -- N5UOG, suggested listing committees that are open and need volunteers in the next newsletter. He also suggested having an ARRL literature table for 100 extra points on Field Day.

Board Member, Jackie Burton -- KC5OHJ, stated that she would not be able to attend the next Board meeting. President Marshall said he would relay the meeting content to her. With no further business, this meeting was adjourned by President, Gailen Marshall -- N4SKR, at 8:08 p.m.

FIELD DAY 1997!

By Allen Brier, N5XZ

Once again, it's that time of the year to dust off your camping gear and portable radio gear! On June 28th and 29th at the Katy County Park, BVARC will again be hosting Field Day 1997. Everyone is welcome and encouraged to show up, help setup, play radio and have a good time. Please bring your friends as well. Katy County Park is located at 24927 Morton Road at the Katy Hockley Cutoff Road in Katy, Texas. To get there, head West on I-10, then turn north on Katy Ft. Bend Road. Take a left Franz Road, then a right on Katy-Hockley Cut Off. Finally, take a right on Morton Road. Katy County Park will be on the right. We will be set up at the pavillion on Ultra Light Drive. Talk-in frequency will be 145.47 Mhz.

Field day is a great opportunity for the new hams with Novice, Tech and Tech + tickets to see HF stations up close and personal and see a contest in operation. In fact, they can even do some of the operating to really see what it's like. It's also a great time to socialize, get some sun, some great food and enjoy some good times.

I am looking for volunteers to help with various aspects of Field Day

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in order to make it successful. I need volunteers to help with the following categories: Rigs & Operators; Towers & Antennas; Publicity.

Food (Most Important!), 2-meter Talk-In, Equipment Pick-up (possibly using a U-Haul as we did in 1995), Novice Station, VHF/UHF Stations including packet, Satellite, Solar Power, etc. I will be doing scoring and log submission after the event. Please call me if you can volunteer either as a coordinator or just to help out with any of the items above. We are especially needing help with the following: Food (as I mentioned before), antennas, late night operating (especially CW) and we could also REALLY use a few pop-up campers or RV's with AIR CONDITIONING!!! Last year, we had two pop-ups and one RV and it sure made operating a lot nicer! Of course, fans would also be appreciated for those operating without such creature comforts. And let's not forget the fun we had with the Novice station. Besides providing bonus points for the club, it helped some of our young hams to get some exposure to HF operating. Don't count 10 Meters out! We made several hundred contacts in 1995 on 28 Mhz.

We can also earn bonus points in the following areas: one message origination (100 pts); message relays (10 pts ea), one satellite QSO (100 pts); five natural power QSO's (100 pts); copying the WIAW message (100 pts); one packet radio QSO (100 pts); and ten VHF/UHF QSO's (100 pts). Note that all satellite, packet and VHF/UHF QSO's are "bonus" points because they do not count as another station, just like the Novice station.

We are planning to cook hamburgers for dinner on Saturday. The club will help underwrite some of the costs of dinner, so please come out and enjoy. Specifics have not yet been determined. After a hard day of erecting antennas, assembling stations, putting up with the heat and insects and making contacts, a good meal really helps alot! We are still looking for help with breakfast on Sunday morning. It's a big job, but certainly one that is appreciated. This year, we're going 2A, which means that we will have two transmitters operating on generator power all the time. We want to set up more transmitters, so that more people have an opportunity to operate. Of course, the Novice, packet, satellite and VHF/UHF stations can operate at any time while any other two HF stations are up.

By the time you read this, Field Day will only be a few weeks off. So if you can help out on Field Day...or just want to show up and operate, please call me at 281-342-1882, 281-342-1590, 281-870-5171, e-mail me at BriTech@compuserve.com or Allen.Brier@mcdermott.com, fax me at 281-342-0940 or get a message to me somehow!!! 73 and see you there!

Allen N5XZ (ex-WB5BIR)

Note: We are especially in need of the following:

- VHF/UHF STATION
- NOVICE OPERATORS
- PACKET STATION
- MESSAGE HANDLERS/ORIGINATORS

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- SATELLITE STATION
- ICE
- FANS
- BREAKFAST VOLUNTEER
- 40/80 ANTENNAS
- COAX
- VOLUNTEER TO PICK UP GENERATORS AND OTHER LARGE ITEMS IN U-HAUL TRUCK
- DRINKS
- SOLAR POWER / QRP

HOUSTON SHOT NEWS

by Al Mattis - N5AFV

The Houston SHOT chapter is pleased to welcome James Gay - KC5ZFZ, and Tom Gay - N5LHN, as the newest local members of the chapter. The 10-10 International Spring CW QSO Party was held May 3-4, 1997, and many SHOT members participated. The SHOT chapter is scoring the QSO party, and logs from around the world have begun to arrive. Bruce Paige - KK5DO is chairing the scoring committee. During the CW QSO party, Daniel Mattis - KC5VAT made his first CW contact. Daniel was featured in the April, 1997 issue of the 10-10 International News in "The Future of Amateur Radio" column. It's always nice to see Houston area amateur radio operators recognized in national amateur radio publications.

If you surf the Internet, remember to visit the Houston SHOT chapter home page. Check it out at <http://www.clarc.org/shot/>. The SHOT chapter thanks Bruce Paige - KK5DO, for constructing and maintaining the

page, and the Clear Lake Amateur Radio Club (CLARC) for providing space on their server for the page.

Several national events for members of Ten Ten International will be held during the summer. The 9th annual Texas Hill Country Ten Ten Gathering which will be held on June 1, 1997, at the residence of Jack Moore - K5CC (ex-K4NF), near San Antonio. This gathering provides an opportunity for Houston area ten ten members to meet a number of active ten ten paper chasers from outside the Houston area. The Ten Ten International Convention will be held in Council Bluffs, Iowa on July 10-13, 1997. The annual Paper Chasers Bash will be held August 13-17, 1997 at the Circus Circus Casino and Hotel in Reno, NV. Attendees should ask for a room on the second floor of the Main Tower when they make reservations.

Jeff Ritter - N5VAV, from Dallas, reports that the Republic of Texas chapter of 10-10 International has a web page on the Internet. During the recent stand off with members of the Republic of Texas in the Davis Mountains, the chapter's web page had over 300 visits a day from people looking for information about the stand off. Even though there is no connection between the 10-10 chapter and those involved in the stand off, we hope that at least a few of these visitors took the time to learn about amateur radio by reading the information posted on the web site.

Ten Ten International has announced the names of the first seven members who have qualified for the Ten Ten

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International CW Award. All of these initial awards were to stations in the first call area. To qualify for the CW award, ten ten members must work 25 other ten ten members in CW. All contacts for the award must take place January 1, 1997, or later.

The Ten Ten International 100-900 Bar Award Manager, Bob Pescha - K7QXG, has announced that he will be traveling for a period of six to eight weeks beginning May 10, 1997. All ten ten members wishing to apply for bars 900 and below are asked to hold their applications until Pescha returns from his travels.

Paper chasers continue to be active on 28.345 MHz and 28.375 MHz during band openings. Unfortunately, the lack of band openings during most of last month has kept paper chasing at a minimum. The Twin Cities (MN) and Steel City (IL) chapters have announced monthly specials for paper chasers to promote activity when the band is open. The Chattanooga Choo Choo (GA) chapter has announced that their Computrain award program now includes a Worked All States award. Ten Ten members were saddened to learn that Jorge Philbert, KA9MX, a local member of the Milwaukee Chapter (WI) has become a silent key.

Propagation on ten meters this past month has improved. E-layer propagation has brought a number of domestic band openings, and DX openings to Latin America and the South Pacific were also reported. During the last week while operating mobile, I

worked stations in Illinois, Alabama, Texas and Argentina. It has been wonderful to see the return of the summer E-layer propagation season.

Remember, the Houston SHOT (Space Houston On Ten) net meets every Tuesday evening at 8 PM local time on 28.488 MHz. All amateurs are welcome to check in, even if they do not have a ten ten number. If you are not a member of Ten Ten International and wish to join the organization, please check in to the net. There are a lot of exciting activities in Ten Ten, and many friendly people can be found on the ten meter band.

Sound Off

The following was posted on the Internet recently concerning the future of Ham Radio. The first part is printed this month, with more to follow in next month's issue.

"Concerning the loss of our frequencies. It's going to happen. We will lose them eventually. Who is going to stop it? Just look at our meager numbers. Someone once said that there are safety in numbers, well "we ain't got the numbers". As a matter of fact, the new budget compromise announced by congress last week includes the auctioning off of billions of dollars of frequencies over the next 5 years. Could some of these frequencies be ours?
Rudy Hardy
WB5UUK, Houston, Tx.

"Bravo Rudy, you have hit the nail on the head.

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Here are the facts as I see them:

- 1) The amateur radio frequencies are worth in excess of 8 billion dollars
- 2) Utilization of the VHF and UHF frequencies by the hams is less than 5%
- 3) The hams still have that WWII mentality with respect to their hobby and importance
- 4) The average ham is over 40 years old with a majority closer to 50 years old.
- 5) Number of hams has not increased greatly over the last 20 years.
- 6) Hams are no longer contributing significantly to the advancement of technology
- 7) Hams are not building very strong ties with emergency and public service groups
- 8) Hams want to remain exclusive in their hobby

Here is my prediction for the next 10 years

- 1) The LEO s will get a major part of the 2 meters and 70 cm bands
- 2) The Hams will be forced to share a major part of the 2400 MHz band
- 3) Higher UHF frequencies will be targeted for sale off by the FCC

Here is my prediction for the next 20 years

- 1) With the exception of the HF bands, most of the Ham frequencies will be auctioned off
- 2) Hams will be give a token few frequencies on a shared basis
- 3) Spread Spectrum technology will dominate the UHF frequencies

- 4) The number of hams will dwindle down to about a half of the present number
- 5) The older diehard hams will die off
- 6) The younger hams will transition into the Internet
- 7) New ham awards will be created for such things as DXCC-Internet

Sorry brother hams, times are a changing fast and we are not adapting to the changing times. I have enjoyed amateur radio during my growing years and will continue to enjoy parts of it as I get older. But, it does not have the same appeal to the younger people as it used to for us in the 50's and 60's. They have grownup in a different technological era than we did and they are enjoying the net without the hassle of a license or morse code.

Nizar Mullani - K0NM

Public Service Corner

By Scott Pederson, k15dr

Notice the picture at the beginning of the newsletter? This is what Public Service events are all about.

My long time friend Marcia Johanssen has MS. This crippling disease prevents her from working, driving, sometimes seeing, walking, or even getting out of bed.

So what's the photo?? This is a photo of a canoe race during this year's MS Camp, where folks crippled with MS can spend a few days enjoying nature, the outdoors, and a heck of a good time. How does this relate to Ham Radio?

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Well, when we volunteer for Public Service Events, we provide critical communications to help ensure these events are successful, safe, and enjoyable for the hundreds or thousands of participants who raise money for these organizations. Of course, not all of this money goes to research. Sometimes, they are allowed the opportunity to sponsor an event to help those afflicted to enjoy life.

As for Marcia, she is the coolest Internet Developer I've ever met! Read more about this event and others at her web page at -
<http://pw2.netcom.com/~marciaj/>

My point is, have fun, volunteer, and remember, it's for a great cause!

Here's a note from Marcia, the last note is to all the hams who helped out on the MS-150 -

"I heard from the MS Society that this was their best year ever for the ride (with Bret Prichard officiating). He was going nuts for awhile, but he's back to his calm self again. He did an excellent job (and the many others who were involved).

I didn't ride, walk or anything this year. I've had a really rough time with my MS the last 6 months. I was in the hospital for a week in February and it really wasn't until about a month ago that I finally started feeling better. My eyesight went out - which left me computer-less and car-less for awhile.

*Hey, thanx for your support for the MS Society. It doesn't goUnnoticed.
Marcia."*

Scanner Jack's Corner

By Jack Roberts, KB5TMY

This month Jack outlines some scanner tips for purchasing Radio Shack scanners -

- What Frequency Range is it
- Is it dual or triple conversion
- What is the scanner's sensitivity
- What is the scanner's selectivity
- Does the scanner have an attenuator switch
- Pro 4 digit models are base/mobile scanners
- Pro 2 digit scanners are handheld
- Pro 3 digit numbers are shortwave receivers.
- Antenna length for scanner antennas: $2808/\text{frequency in Mhz}$ gives you the whip length in inches.

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The Monthly Publication of the
Brazos Valley Amateur Radio Club.
Serving the Greater Houston Area.
Club Callsign - KC5OIG

B-VARC's Website: <http://www.hal-pc.org/~bvarc>

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The Brazos Valley Amateur Radio Club (B-VARC) was originally organized in 1978, primarily as an emergency communications group available to assist the communities of Missouri City and Stafford, when required. Since that time, B-VARC has grown and expanded its activities to become the most active HAM radio club in the Southwest Houston area.

Today, B-VARC is truly a general-interest club with an impressive record of Public Service. The Amateur Radio Relay League (ARRL) has recognized the Commitment to service with the coveted status of Special Service Club. We are proud of our members who represent the finest in Amateur Radio. Membership is not limited to licensed operators, but is open to anyone with an interest in Amateur Radio. Meetings are held at 7:30 p.m. on the second Thursday of each month, at the Sugar Land Community Center. Talk-in assistance is available in the 145.470, and 444.550 MHz repeaters.

To obtain information about the club, its activities, or about joining B-VARC, contact Scott Pederson, KI5DR, at (713) 460-5852.

B-VARC Meeting Schedule

Thursday, June 5th Board of Dir. Meeting BMOTA
7:30 p.m. MERA Repeater 145.470
Open to all B-VARC Members
Thursday, June 12th B-VARC Meeting
7:30 p.m. Sugarland Community Center

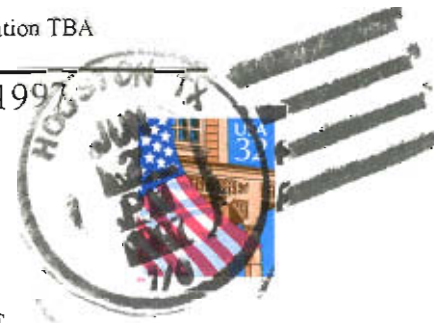
B-VARC Eating Schedule

Saturdays-7:00 a.m. to 9:00 a.m. Location: New York
Coffee Shop, 9720 Hillcroft @ S. Braeswood
3rd Friday dinners - 6:30 p.m. SHARP! Location TBA
Last Sunday Lunches - 2:30 p.m. Location TBA

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June, 1997

BRAZOS VALLEY AMATEUR RADIO
CLUB
P.O. BOX 1630
MISSOURI CITY TX 77459-1630
address correction requested



FIRST CLASS POSTAGE

Bud King N5UOG
814 Bel Mar
Sugar Land TX
77478 Jan 98

