

THE B-VARC BULLETIN

The Monthly Publication of the Brazos Valley Amateur Radio Club

Volume 19 Issue 12

December, 1996



President:

Ron Grimes - WASSCE
(713)341-7137

Vice-President:

Louis House - KD5GM
(713) 498-5639

Recording Secretary:

Jackie Burton - KC5OHJ
(713) 460-1968

Corresponding Secretary:

Jim Cahanin - KB5TBZ
(713) 438-0927

Treasurer:

Pete Norris - KJ5SS
(713) 342-9089

3-Year Board Member:

Terry McCoy - KK5RL
(713) 641-4595

2-Year Board Member:

Bud King - N5UOG
(713)-494-3741

1-Year Board Member:

Claude Sessions - K5HFY
(713) 242-6069

Past President:

Carl Cunert - WB8SVR
Allen Mattis - N5AFV(appointed)

SPECIAL THANKS!

All of us at B-VARC would like to extend our gratitude to the management at KHTV, Channel 39, for the use of their equipment and facilities in order for this bulletin to be published.

We would also like to thank Claude Sessions, K5HFY, and all the other B-VARC members who volunteer their services in helping to put the bulletin together. It couldn't be done without you!

From the Editor

By Scott Pederson, K15DR

Welcome to December's issue of the B-VARC Newsletter. In case you didn't notice, there's a new editor. The time has come for Jackie to pass on the torch, and let someone else have all the fun!

Just a quick note to say *thank you!* to Jackie for all the hard work she has done with the Newsletter, and also for helping me get up-to-speed.

This next year looks to be a landmark year for B-VARC. As one of the premier Amateur clubs in the nation's 4th largest city, we stand ready to advance the amateur hobby to all new levels.

NOTES FROM THE PRESIDENT

by Ron Grimes, WASSCE

1996 is coming to a close as is the tenure of the current Board and officers. Some will be returning in other capacities, and other new officers will be stepping up to offer their time and services to B-VARC. Because our November meeting was on another odd day, I am unfortunately not able to congratulate the new officers by name.

Thinking back on this last year, I would especially like to thank the Board of Directors for their support and assistance during 1996.

Vice President Louis House, KD5GM, has done a great job as usual, especially standing in for me when I had to be out of town on meeting nights. We especially appreciate his arranging the Boy Scout exhibit at West Oaks Mall and his code class for those wishing to upgrade.

Recording Secretary Jackie Burton KC5OHJ, played Superwoman, taking care of not only the secretary's job, but the job of newsletter editor, Monday night net controller, and home page helper.

Corresponding Secretary Jim Cahanin, KB5TBZ, did a great job keeping track of our membership records, and, along with Jackie and John Moore, was instrumental in helping to develop and maintain B-VARC's home page on the Internet.

Treasurer Pete Norris, KJ5SS, kept us solvent throughout the year and helped set up a program for disposition of life member dues. He also ran (and will be running again soon, I think) a Novice/Tech class to continue to encourage new hobbyists and hopefully new B-VARC members.

Director Terry McCoy, KK5RL, is now the world's leading expert on meeting locations in west Harris County and eastern Fort Bend County. When our meeting times began to get squirrely earlier this year, Terry went on a thorough campaign to see if there was a better deal available. There wasn't.

(Continued on page 2)

(Continued from page 1)

Thanks, Terry, for all your time spent for the club.

Speaking of meeting places, each of us owes a very special thanks to Bud King, N5UOG, for making arrangements with the Sugar Land Parks and Recreation for our meeting space. For those that don't know, that is not a trivial task. Thanks also to Bud for setting up our Annual Awards Banquet site and for being the official "mover of motions" at the Board meetings.

The fact that you are reading this newsletter is evidence of the thanks we owe Claude Sessions, K5HFY, for his help in arranging for KHTV - Channel 39 to allow us to print the newsletter at their facility. Claude has also arranged meeting sites for our code and theory classes.

A special thank you also to Allen Mattis, N5AFV, for stepping in to fill the Past-President post. All the other ones left town out over the last few years, and Betty was beginning to think she had a permanent job she hadn't exactly planned on. Hopefully, I will break that recent trend - I'm perfectly happy here in Fort Bend County.

Of course the club couldn't have functioned without the special of Gailen Marshall (Programs), Allen Brier (Field Day), Sam Wilson (75 meter net), Harold Parker (VE Exams), Daryl (Coffee and meeting room set-up), Steve Gottlieb and Joe Sams (breakfasts, lunches, and dinners), and many others.

Finally, there were innumerable other members that contributed tremendously with their time and talents to give meeting programs, help at Field Day, assist with Public

Service events, administer VE testing sessions, get the newsletter folded, stamped and mailed, and many other tasks.

Thanks to all of you for your help during this past year. I enjoyed my tenure and really do appreciate the support of the Club.

I wish good luck and great fun next year to our new President, Board members, and the cadre of volunteers I know they will enlist.

See you at the January Awards Banquet! Please get your tickets soon.

73, Ron WA5SCE

ANNUAL AWARDS NOMINATIONS ARE DUE BY THE DECEMBER MEETING

As was announced in the November newsletter, the time is drawing near for you to get your nominations for members you think should be honored by receiving the awards listed below. These awards are:

The Order of the Key is B-VARC's highest honor and is presented to the B-VARC member who has made outstanding contributions to the club.

The Dr. Bill Award is presented to the outstanding participant in the B-VARC Volunteer Examiner Program.

The Loop and Zepp Award is given to B-VARC members in recognition of their efforts to promote operation on the high frequency bands.

Allen Mattis probably has more details elsewhere in this newsletter. At the December club meeting, we will have more details of the

awards.

As mentioned in the November newsletter, to nominate a member, please submit your nomination in writing to any member of the Board of Directors preferably by the December 12 General Meeting but no later than December 16. In the nomination, please state why you feel the member is worthy of the honor. The Board of Directors will vote on the nominations via a telephone poll and the awards will be presented at our January 9 Annual Awards Banquet in January.

MEMBERSHIP REPORT

By Pete Norris, KJ5SS

As of November 7, 1996, the current membership for the club is:

162

HOUSTON HAM INFO. LINE

713-495-3495

The Ham Information Line is available 24 hours per day by calling the above number with a touch-tone phone. Information on local clubs and test sessions is provided.

Results of 20K marathon

by Claudia, N5VCZ

This year, the 20K was being used for the Women's National Championship for 20Ks. Over 20 top women runners from over the US participated. This was the largest number for the Houston 20K ever. There was a change of course this year but it did not effect the race communications. There were 5,582 runners.

THE WORLD OF TEN TEN INTERNATIONAL

by Al Mattis-N5AFV

Ten Ten International has announced that Scott Brackeen - AI1M, is the new award manager for the Worked All States Program. Scott has taken over the position from his mother, Susan Brackeen - KA1CAD, who had held the position since 1982.

If you surf the Internet, remember to check out the Ten Ten International web page at <http://www.lehigh.edu/lists/tenten-1/>. This web page has information about Ten Ten International, as well as many of the Ten Ten chapters throughout the world. The web page contains links to pages maintained by several chapters as well as by individual members.

The Houston SHOT chapter has announced its third annual special. During the month of November, 1996, collect Discovery award upgrade numbers for 2 points each, and Voyager numbers for 1 point each. List collected points in log format, including call sign, SHOT number, Discovery and/or Voyager number(s), and date worked. Submit a list of the claimed points along with an SASE by December 15, 1996, to Allen Mattis, N5AFV, the chapter certificate manager. Please include your ten ten number, SHOT number and current point value. Your SHOT point value will be increased by one fifth of the points collected during the special. Take advantage of this opportunity to upgrade your SHOT point value outside of the regular chapter upgrade program. Enough Discovery and Voyager upgrades have been issued so that it is possible for SHOT members to more than dou-

ble their point value during this special.

Paper chasers continue to be active on 28.345 MHz and 28.375 MHz when the band is open. Chapters with specials this month include Houston SHOT (TX), Eagle Watch (AL), and Springbok (DX). The Ten Ten International Paper Chasers Update reports that the Aftershock (CA) chapter has gone QRT.

The trend set the past several months has continued, and propagation on ten meters was not very good during the last month. A few domestic E-layer openings continue to occur, especially in the evening, and a few Latin Americans may be worked with F-layer propagation when conditions permit. We all look forward to propagation on ten meters improving in the coming months as we head into the next solar cycle.

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 International and wish to join the organization, please check into the net. There are a lot of exciting activities in Ten, and many friendly people can be found on the ten meter band.

RESULTS OF THE NOVEMBER 12TH AMATEUR EXAMS

by: Harold Parker, ND5F

B-VARC again sponsored and administered the ARRL's Amateur Radio Examinations that were held on Tuesday evening, November 12, 1996 at Strake Jesuit College

Preparatory in Houston.

V. E. TEAM:

Harold Parker, ND5F
Randy Pollard, AK5G
George Walker, KQ5W

ASSISTANTS:

Carl Albrecht, AA5JW
John Moore, KK5NU

A total of 7 exams were administered during the evening to 5 applicants. Two (2) unlicensed candidates received their new Technician licenses and one (1) other upgraded with a total of 5 elements passed. The overall "pass rate" for the evening was 71%

Congratulations to all the following who upgraded and/or passed exams:

Jake Driver - KC5WXA - Tech
Phillip Forney - Element 2
James Thompson, KB5GTK - Gen
Scott Williams - KC5WWZ - Tech
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 Vincent, WA5ETS, and everyone at Strake Jesuit College Preparatory for making these excellent classroom facilities available to us for our exams each month.

PSN CHECK-INS

by Jackie Burton, KC5OHJ

The Brazos Valley Amateur Radio Club Public Service Information Net had the following check-ins for the month of October, 1996. Only the count is listed, as there is not enough room to list the individual callsigns:

October 7, 1996 - 45

(Continued on page 4)

(Continued from page 3)

October 14, 1996 - 51

October 21, 1996 - 46

October 28, 1996 - 56

B-VARC RAGCHEW NET CHECK-INS

3.960 Mhz +/- 3Khz

Wednesdays at 8:00 p.m.

By Sam Wilson, N5CPA

10/02/96 -

N5CPA (NCS), N5UOG, KG5KV,
W5GLD, W5SNH, W5EFB,
KK5DO, W5GHK, KK5RL,
WB5TBZ, WD5CJL, W5IHY,
N5VXU, KK5XR, WA5TWL.

10/09/96 -

N5CPA (NCS), W5EFB, AK5G,
N5ECP, W5SNH, WA5TWL,
KB5TOJ, KK5RJJ, WB5NES,
W5GHK, KC5KG, WB8SVR,
KD5GM, WD5CJL.

10/16/96 -

N5CPA (NCS), W5SNH, KM5DG,
WA5TWL, KK5RL, WD5CJL,
KD5JM, KK5DO, KG5KV,
KD4FDP, N4ECP.(N5ECP? Ed..)

10/23/96 -

N5CPA(NCS), N5UOG, N5ECP,
KE5SR, W5SNH, KI5SC, KB5PAJ,
KA4FDP, KB5ION, WB8SVR,
N5OAC, W5EFB, W5GLD,
WD5CJL, WA5TWL, KE4PPT,
KK5RL, KG5KV.

10/30/96 -

N5CPA (NCS), N5ECP, W5EFB,
KM5DG, WD5CJL, AK5G,
KG5KV, W5SNH, W5IHY,
W5GLD, KC5VKK, WB8SVR,
KK5RL, KC5QZD.

UPCOMING SWAPFESTS

None reported.

SCANNER JACK'S CORNER

by Jack Roberts, KB5TMY

Recently Jack has received several requests for a listing of Brazoria County's 800 Mhz trunking frequencies. He also has received several requests for League City.

This month Jack brings us the following listings by request:

Brazoria County 800 Mhz -

866.7875, 867.2875, 867.8125,
868.2875, 868.5625

Nationwide TAC frequencies -

ITAC1 - 866.0125
ITAC2 - 866.5125
ITAC3 - 867.0125
ITAC4 - 867.5125
ITAC5 - 868.0125

League City 800 Mhz frequencies -

856.9875, 857.9875, 858.9875,
859.9875, 860.9875

PUBLIC SERVICE EVENTS

by Scott Pederson, ki5dr

December 8, 1996

30K Warm-Up

Contact: Don Wade, WB5IBT
(713) 242-6706

January 12, 1996

Houston Marathon

Contact: Carl Hacker, KB5LDY
(713) 977-9754

B-VARC CODE PRACTICE NET

by Bruce Paige, KK5DO

B-VARC sponsors a Morse Code Practice Net, called BCN, on Monday and Wednesday nights at 8:30 p.m. central time, with the exception of the last Monday of the month. The purpose of this net is to offer a consistent code practice schedule for all amateurs who are working on their upgrades./ The practice text is sent at approximately 5, 8, 10, and

13 wpm. The signal type is MCW on the 2m frequency and CW on the 10m frequency. The source of the text is announced in CW before the text is sent. The length of the net is usually 25-30 minutes. Check-ins are welcome at the start of the net (on 10m, check-ins are taken from 8:125 to 8:30 p.m.) Tune in on 146.470 MHz simplex or 28.146.47 MHz CW, with a desire to increase your code proficiency and have a good time.

All copy will come from QST and code generated from a computer text file.

I am looking for someone to take over the code practice net for 1997 as Louis, KD5GM, did it for 1995, and I have done it for 1996. If you can help, please call me at 933-8385 x201 or email me at kk5do@amsat.org

Meeting of the Board of Directors of The Brazos Valley Amateur Radio Club

November 7, 1996

A quorum of the Board of Directors met at the Sugar Land Community Center on November 7, 1996. This was the eleventh board meeting of the calendar year. The meeting was called to order by President, Ron Grimes--WA5SCE, at 7:36 p.m.

The following Board Members and guests were present: Ron Grimes--WA5SCE, Louis House--KD5GM, Jackie Burton--KC5OHJ, Jim Cahanin--KB5TBZ, Pete Norris--KJ5SS, Terry McCoy--KK5RL, Bud King--N5UOG, Claude Sessions--K5HFI, Allen Mattis--N5AFV, Sam Wilson--N5CPA, and Rick Hiller--W5RH.

(Continued on page 5)

THE B-VARC BULLETIN - DECEMBER 1996

(Continued from page 4)

Recording Secretary, Jackie Burton--KC5OHJ, presented the October minutes. The minutes were approved with a motion that passed unanimously.

Treasurer, Pete Norris--KJ5SS, presented a corrected Treasurer's report for September showing a balance of \$4,691.75. He also presented an report for October, showing a balance of \$4,924.30.

He stated that he would be sending a check in the amount of \$73.00 to Newsline. The treasurer's report was approved with a motion that passed unanimously. Pete stated that B-VARC currently has a total of 162 members.

Corresponding Secretary, Jim Cahanin--KB5TBZ, stating that he was sending an e-mail reminder to all B-VARC members with e-mail addresses of the upcoming elections at the November meeting.

Vice President, Louis House--KD5GM, had nothing to report.

Board Member, Terry McCoy--KK5RL, had nothing to report.

Board Member, Bud King--N5UOG, stated that the Houston Engineering and Scientific Society (HESS) was moving to 5430 Westheimer. Further information concerning the January awards banquet would be forthcoming as soon as he had more information.

Board Member, Claude Sessions--K5HFY, had nothing to report.

Past President, Allen Mattis--N5AFV, stated that the 25K race was coming up on November 17, 1996,

and that he had enough volunteers to handle the event. He also stated that we had a slate of officers for the elections to be held at the November regular meeting. It was suggested by President, Ron Grimes--WA5SCE, that the old board member call their new replacement to give them a run-down of their duties on the Board of Directors. Ron stated that the new board would take effect in January 1997.

B-VARC Rag Chew Net Manager, Sam Wilson--N5CPA, reported that the net is doing well, and that the check-ins for the month of October ranged from 11 to 18. He stated that check-ins seemed to be down.

Public Service Net Manager, Jackie Burton--KC5OHJ, reported that the Monday night Brazos Valley Amateur Radio Club Public Service Information Net was going well, with fairly high check-ins ranging above 50 for the month of October. She mentioned the fact that Newsline was now a long distance call to whoever records it for the net, and that we should discuss how we wish to handle this in the future. President Grimes stated that something was mentioned about this at the M.E.R.A. board meeting, but he couldn't remember what, and after some discussion, nothing was decided.

President, Ron Grimes--WA5SCE, stated that we had 162 paid members, which means that we need approximately 41 or 42 paid members for a quorum at the November election meeting. It was suggested that we divide the roster and have each board member call a page of the roster, reminding everyone to attend the November regular meeting. Jim Cahanin--KB5TBZ stated that he had prepared a sign-in sheet so membership could be verified against the ros-

ter.

President, Ron Grimes--WA5SCE, asked about the status of the Stu Lamkin memorial. It was mentioned that Larry Levy--WD5DRB, was working on this, but no information was available as to the status.

President, Ron Grimes--WA5SCE, stated that he and Bud King--N5UOG had attended the meeting of the Sugar Land Community Center. He stated that there was still no change in our use of the facilities, and that it was still the best deal we could find.

Treasurer, Pete Norris--KJ5SS, stated that he had received information from Compass Bank concerning interest-bearing accounts for our life membership funds. He stated that the money market rate was 3.3%, the 13-month CD rate was 5% and the 5-year CD rate was 6%. It was his suggestion that we put the money into the 13-month CD. We have a total of 11 life memberships, which, put into a 13-month CD at the rate of 5%, would yield approximately \$7.75 per life membership. He also suggested that we increase the life membership dues to twenty times the regular annual dues, or \$320.00. He stated that he thought the regular dues should stay the same. He then made a motion to put the life membership funds into a 13-month CD at a bank with the most favorable rate, in any event not to be less than 5%. The motion was seconded and approved with a unanimous vote. He then made a motion to increase the life membership dues to twenty times the annual dues, effective immediately. After much discussion, the motion was seconded and approved.

Pete also stated that he had 8 people

(Continued on page 6)

(Continued from page 5)

in the code/theory classes, and due to the fact that 4 of these students are only taking the test to be involved in search and rescue functions of CAP, and CAP does not allow the use of regular amateur frequencies for their functions, Pete may lose one-half of his class.

Pete also made a motion that we approve Steve Dunkelberger--N5JBL's, expenses for the 20K run. Since the board had decided to do this sometime in the past, the motion was seconded and approved with a unanimous vote.

There being no further business, the meeting was adjourned by President, Ron Grimes--WA5SCE, at 8:30 p.m., with a motion, second and unanimous vote.

SCHEDULE OF WEEKLY NETS

Monday	
7:30 p.m.	34/94 Swapnet 146.940
8:00 p.m.	Ft. Bend Co. EM 145.490
8:30 p.m.	B-VARC code practice net 146.470 (Rx only) 28.146.47 (CW)
9:00 p.m.	B-VARC 145.470
Tuesday	
6:30 p.m.	RACES Net 146.84 (103.5 PL)
8:00 p.m.	Ten Ten SHOT 28.488 MHz
8:00 p.m.	AMSAT Net 147.10 MHz
Wednesday	
8:00 p.m.	B-VARC Rag Chew Net 3.960 MHz (+/- 3KHz)
8:30 p.m.	B-VARC Code Practice Net 146.47 MHz (Rx)

8:30 p.m.	Friday B-VARC Code Practice Net 146.47 MHz (Rx)
9:00 a.m.	Saturday Houston Emerg. Management Net 146.840 MHz (Skywarn/RACES)
7:30 p.m.	Sunday ARES Net 147.30 MHz
2nd and 4th Sundays	
1:30 p.m.	TX State RACES Net 7.248 MHz
8:00 p.m.	Daily Gulf Coast Hurricane Net

PROFILES -

by Scott Pederson, K15DR

Since no one has volunteered to submit their profile, I suppose this month I can start with myself.

Originally licensed in Chicago in 1986 as N9FZO, I operated almost exclusively on 2m until I went to college at Western Illinois University.

Here I met Dave Patton, who has so many callsigns it would take half a page to list them all. His latest is KW9KW. Dave and I roomed together in an apartment off campus, and while we weren't studying (like we were supposed to be) we were chasing DX and operating contests using his Kenwood TS-930S and some dipoles on the roof of the apartment complex.

Dave almost exclusively introduced me to HF operations and how to work DX. He was probably the biggest inspiration for my upgrading to KE9NB in 1988.

As an advanced I worked over 100

countries and operated from home as well as the "Farm" at Lew Gordon's place K4VX in Hannibal, MO. Lew has as many towers as his wife (NS0Z) has dogs...9 or 10.

After graduation in 1989 I relocated to Houston and began working in computers despite my attempts to utilize a B.S. degree in business and music. This is when I got involved in B-VARC.

The one thing that fascinated me about B-VARC was their dedication to Public Service events. My first event with B-VARC was the MS-150 in 1990. The distance and hilly terrain made me understand why Hams are so very VITAL to the success of an event like the MS ride.

To this date there is still no other more effective communication medium than Hams, including cellular and expensive commercial equipment. Hams just plain work better.

The rest of my day is filled with computer work - I run an Internet system for a Medical company on the west side of Houston, as well as all of the technical support for their computers. In addition to hamming, other hobbies include golf, reading (BIG Clancy fan), biking, and raising a family of 3 perfect boys. My wife Michele is also a ham (N9GJY), although she mostly uses it to check up on me :-)

ALL YOU WANT TO KNOW ABOUT THE INTERNET AND MORE -

by John Moore, KK5NU

Connect - Connect -

All of the vastness and largess of the materials out there on the 'net' are of little value until you are able to

(Continued on page 7)

THE B-VARC BULLETIN - DECEMBER 1996

(Continued from page 6)

establish your own 'net connection'. Returning to our definition of "the Internet" as a huge and undefined network of networked computers; you, the end user, *have to* find a way to get your local computer or terminal connected into the world wide network.

Either as a simple terminal connected to one of the other larger and more powerful computers that has a 'real time' connection; where you must do all of your work on the host computer, usually by way of a UN*X shell account, with all of the intricate and complex commands, most of which seem to be vague and insurmountable to you, as the end user, or, with the aid of a more powerful and sophisticated computer at your end of the link (translated to -more monies expended) that enables you to become, for the length of your session, a node on the Internet, with your very own dynamically assigned IP address, to which all the world knows to be you, while you have that connection up and established.

Again, it is necessary, at least for a customary wire line connection via local telephone dial-up service, to have an account established with a local Internet Service Provider. At last count, there were, here in the local Houston Metropolitan Calling Area, in excess of some seventy five providers of Internet dial-up service. One should of course be aware of the numerous and varied plans and attendant monetary obligations attached to each of them prior to signing up with one. As always, let the 'buyer beware', and know what you are getting for the monies that you lay out. heck with some of your fellow hams that are 'online' and have a handle on the quality of services that are set forth to be delivered. As usual, the lowest cost one *may* prove to have some

pitfalls that do not readily appear to the novice user.

However all is not 'doom and gloom' and a forecast of your having to fork over huge sums of monies for a connection. Of course a budget without limitations would be nice, but is really *not* necessary. Those folks at The University of Minnesota have also produced a shareware program called 'MINUET', for Minnesota Internet User's Essential Tools. This is a DOS based Graphic Internet Access client program with Mail, News, Gopher, Telnet, FTP and Web browser capabilities; it is graphically oriented and mouse driven if desired. And, it has minimum requirements. The program is relatively small in size, in contrast to some of the other commercial applications out; runs on an IBM compatible computer system with 512k of RAM, DOS version 2.1 or better, and works best with a 386 microprocessor and a VGA or SVGA display. It does require a hard drive and a modem of 9,600 baud or better. So it is not really necessary to mortgage the family jewelry or your first born child to get on the 'net'. At press time, details on this program may be found at the following URL's -

www.cren.net/www/minuet/overview.html

www.completeis.com/~cdh/minuet

Each of these give an excellent summary of the features as well as tips and tricks for installation. The program itself is freely distributed and may be found and downloaded from the source located at <ftp://minuet.micro.umn.edu> Merit has a new freeware PPP driver available as [ETHERPPP-new.zip](http://gopher.merit.edu) from gopher.merit.edu in the directory Merit Software, MS-DOS Archive, communications, ncsa So there is

really *no* excuse to not get that 'boat anchor' up and running.

More to come - John Moore, KK5NU

THE B-VARC BULLETIN - DECEMBER 1996

December B-VARC Calendar of events

1	2	3	4	Dec. 5 7:30 p.m. B- VARC Board Meeting	6	7
8 30K Marathon Warm-UP	9	10 6:00 p.m. B- VARC VE Testing ses- sion	11	12 7:30 p.m. B- VARC regu- lar meeting	13	14
15 Deadline for newsletter articles	16	17	18	19	20 6:30 p.m. Fri- day night dinner location - TBA	21
22	23	24	25 Merry Christ- mas!	26	27	28
29	30	31	Jan 1	2	3	4

January B-VARC Calendar of events

			1	2	3	4
5	6	7	8	9 B-VARC An- nual Awards Banquet Location TBA	10	11
12 Houston Marathon	13	14	15 Deadline for newsletter articles	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

CITY ELECTRONIC SUPPLY

Also WASUPT

Store Hours: Mon.-Fri. 9:00-6:00
7015 Alwood
Houston, Texas 77061
Ph: 663-6086
Fax: 663-6413



ODO ANTENNAS - 2 METERS
BMS ANTENNAS - 440 MHz

Specializing in Communication Antennas

JIM CORBIN • KASODO
CHARLIE CARR • N5BME

713-964-6368
1826 Wakecroft
Houston, Tx. 77008

HOUSTON AMATEUR RADIO SUPPLY, INC.

GEORGE DIALETTO, K2DQW
PRESIDENT

181 CYPRESSWOOD DRIVE
Spring, TX 77388

800 471 7373
713 355 7373
Fax 713 355 8007

PAIGE COMPUTERS, INC.

Largest EPSON® Service Center in Texas



BRUCE A. PAIGE

7125 Seawall Road
Houston, Texas 77072

713-653-8285
Ext. 301
FAX • 713-653-3644



Kronberg's
Flags and
Flagpoles

7106 Maple Ridge • Houston, Texas 77061 • (713) 666-2371

Lou Kronberg
Chairman of the Board

ELECTRONIC PARTS OUTLET

3753-B Fondren
Houston, TX 77063
(713) 784-2140
Fax (713) 784-9740

HAND GUN
Carry Concealed Permit
CLASSES
Bill Reid Don Brown
(713) 341-1500
Texas D.P.S. Certified Handgun Instructors

Westheimer Airpark a Division of Reid Management Co.



Don Brown, Sr.
Operations Manager

(713) 341-9641
Alt #: (713) 392-3587
(713) 240-1009

24215 FM 1093 • Richmond, TX 77469
One and One-half Mile West of Grand Parkway
Flight School • Hangarage • Tie Downs

Membership Application

- ♦ New
- ♦ Renewal
- ♦ Roster Update Only

Bring to a Club meeting, or mail with check to:
B-VARC, P.O. Box 1630
Missouri City, TX 77459

Regular membership dues are \$16.00 / year. Lifetime Memberships are \$320 / person. Additional family members may join B-VARC for only \$2.00 / year each with no additional copy of the newsletter.

Name _____ Callsign _____ License class _____

Home Phone _____ Work Phone _____ ARRL Member? _____

Mailing Address _____

E-Mail Address _____

Remittance:

Regular Membership _____	+ Family Membership _____	=	Amount _____
B-VARC Life Memberships at \$320 / Person	Qty _____		Amount _____
ARRL Memberships (\$31.00 / year)	Qty _____		Amount _____
Worldradio Subscription (\$15.00 / year)	Qty _____		Amount _____

Total _____

I agree to observe the By-Laws of the Club and the rules and regulations of the Federal Communications Commission.

Signature _____

Date _____

THE B-VARC BULLETIN - DECEMBER 1996



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>

Editor-In-Chief: Scott Pederson, KI5DR
(713) 460-5852

E-mail address: ki5dr@flash.net

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 Commitment to service has been recognized by the Amateur Radio Relay League (ARRL) 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 145.47, 444.45, and 442.50 MHz repeaters.

To obtain information about the club, its activities, or about joining B-VARC, contact Betty Wilcox, KA0TEN, at (713) 859-6512

B-VARC Meeting Schedule	B-VARC Eating Schedule
Thursday, December 5th Board of Dir. Meeting 7:30 p.m. Sugar Land Comm. Center Open to all B-VARC Members	Saturdays-7:00 a.m. to 9:00 a.m. Location: New York Coffee Shop, 9720 Hillcroft @ S. Braeswood
Thursday, December 12th B-VARC Regular Meeting 7:30 p.m. Sugar Land Comm. Center Program:	3rd Friday dinners - 6:30 p.m. SHARP! Location TBA Last Sunday Lunches - 2:30 p.m. Location TBA

VOLUME 19 ISSUE 12

DECEMBER 1996

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

FIRST CLASS POSTAGE



• To be removed from the newsletter mailing list,
please check here and return.

Allen Mattis N5AFV
5314 Wigton Dr
Houston, TX
77096-5115 Life