

B-VARC

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The Monthly Publication of the
BRAZOS VALLEY AMATEUR RADIO CLUB, INC.
Fort Bend and Harris Counties, Texas

Editor-in-Chief - Stu Lamkin WB5IGG

Production Editors - Allan Hanus KA5RXX



PUBLICATION DEADLINE:
THE THIRD THURSDAY OF EACH MONTH

AFFILIATED
CLUB

Volume 7 Number 10

October 1984

YOUR PRESIDENT SAYS

This month is a very important one for the members of BVARC. This is the time of the year that the membership begins thinking about the slate of new officers for the following year. Your officers for the past year have been serving your needs to the best of their abilities and it is important the membership be involved in the selection process so the handling of club business can be continued with integrity. It is requested that all members begin thinking about whom they might wish to nominate for the positions and bring those names to the November meeting so they may be placed on the slate for the election.

The state Ham Convention will be held in Houston on October 5-7, and your club is going to be represented by their participation in three activities: 1) Computerized message board; 2) Transmitter hunt; 3) Flea Market tables. A number of volunteers offered to help in these activities which was greatly appreciated. Any one wishing to help can contact LLOYD WDSHEH, Henry N5HF, or Steve WA5OEN. They will be glad to here from you!!

I will say now that I have appreciated the support that has been given me this past 9 months and I hope that we can finish the year out with your continued support for what the officers have tried to do for the club. As volunteers it is sometimes very difficult to motivate oneself into doing a credible job on a continuing basis. I feel your Board of Directors have excelled and I congratulate them for their efforts!!

I hope to see everyone at the convention and at the regular membership meeting in October. Please get involved with our activities and enjoy!!

73's Ron

EVE RBBS NOW READY FOR BVARC

PC-EVE RBBS IS A PUBLIC ACCESS BULLETIN BOARD THAT IS OPERATIONAL 24hrs A DAY
 I WELCOME EVERYONE TO LOG ONTO THE SYSTEM AND EXPERIMENT AND HAVE FUN WITH THIS
 DIFFERENT FORM OF COMMUNICATIONS THAT IS GROWING AT AN EVER INCREASING RATE. IF
 ANYONE HAS ANY INFORMATION THAT THEY WOULD LIKE TO SEND TO ALLAN FOR THE BVARC
 BULLETIN, WE ENCOURAGE YOU TO PLEASE USE THIS BOARD TO TRANSFER THE DATA IF YOU HAVE
 THE CAPABILITIES... IF YOU HAVE ANY QUESTIONS CONCERNING THE PC-EVE BULLETIN
 BOARD, PLEASE FEEL FREE TO CALL ME AT HOME AT (713) 955-1351 GOOD LUCK !!! WALTER
 HOLMES --- WD5GAZ ---

 THE FOLLOWING IS A LIST OF INSTRUCTIONS FOR ACCESSING THE PC-EVE BULLETIN BD.

1. LOAD YOUR COMPUTER WITH WHATEVER TERMINAL PACKAGE YOU MAY HAVE
2. DIAL # (713) 955-7564
3. WHEN YOU GET A CONNECT, PRESS (ENTER) TWICE, OR (CARRIAGE RETURN) TWICE

NOTE: THIS SYSTEM WILL ADJUST TO WHATEVER SPEED AND PARITY YOUR USING ie.
 1200,N,8,1 1200,E,7,1 300,N,8,1 300,E,7,1 etc.

4. FROM THIS POINT, JUST ANSWER THE QUESTIONS WHEN PROMPTED, AT ANYTIME IN THE
 SYSTEM THAT YOU ARE NOT SURE OF HOW TO ANSWER A QUESTION OR ENTER A COMMAND,
 JUST TYPE "H" FOR HELP, AND THE SYSTEM WILL GUIDE YOU THROUGH...

 PROCEDURE FOR UPLOADING INFORMATION FOR THE BVARC BULLETIN

1. FOLLOW THE SAME INSTRUCTIONS AS ABOVE FOR ACCESSING THE SYSTEM
2. WHEN YOU GET TO THE MAIN MENU, TYPE "F" FOR FILE SECTION
3. THEN "U" FOR UPLOAD A FILE
4. TYPE THE NAME OF THE FILE THAT YOU WANT YOUR FILE TO BE CALLED
5. CHOSE THE TYPE OF FILE TRANSFER (A) FOR ASCII OR (X) FOR X-MODEM
6. THEN SET UP YOUR TERMINAL FOR THE FILE TRANSFER (THIS METHOD WILL VARY FROM
 COMPUTER TO COMPUTER AND DEPENDING ON YOUR TERMINAL SOFTWARE)
7. AFTER THE FILE HAS COMPLETELY TRANSFERED, YOU WILL BE PROMPTED FOR UP TO A 40
 CHARACTER DISCRPTION OF THE FILE:
8. AT THIS POINT, ENTER A "/" AND "ENTER" OR "CARRIAGE RETURN", SO THAT THE FILE
 NAME WILL NOT BE LISTED ON THE PUBLIC DOWNLOAD DIRECTORY YET.
9. THEN TYPE "Q" FOR QUIT, TO GO BACK TO TO THE MAIN DIRECTORY
10. TYPE "E" FOR ENTER A MESSAGE, TO: ALLAN HANUS AND CHOOSE "R" FOR READ
 PROTECTION, AND TYPE THE NAME OF THE FILE YOU HAVE JUST UPLOADED TO THE
 SYSTEM...
11. WHEN YOU HAVE COMPLETED YOUR MESSAGE, HIT THE ENTER KEY TWICE, AND CHOOSE "S"
 FOR SAVE THE MESSAGE...

 YOU ARE ENCOURAGED TO EXPERIMENT WITH THE BOARD AND GET FAMILLIAR WITH THE COMMANDS
 AS OFTEN AS YOU GET THE CHANCE, SO PLEASE CHECK-IN WITH US AND SEE WHAT ALL THE FUN
 IS ABOUT !!!!!!!!!!!!!!!

VP QSO

The annual ARRL Texas State Convention will again be held in Houston this year. The Houston Com-Vention 84 will bring this meeting as well as many other activities to the Astro Village Hotel on October 5-7, and I hope that we all will be able to attend again this year and win some of the equipment which will be given away as prizes. B-VARC is again hosting the Transmitter Hunt, coordinated by Henry, N5HF, and the Computerized Message Board, coordinated by Lloyd, WDSHEN and they need to hear from you if you have not already offered them your help and your equipment.

There are several Volunteer Examiner Teams being formed in the Houston area so it appears that there will be many opportunities for everyone to upgrade as you become ready to take the tests. We will try to coordinate B-VARC's exam schedules with the various clubs and groups in this area and publish these schedules as they become available to us. Hopefully, you will be able to find the license examinations offered at a time and place that will be convenient for you.

Many of us have been meeting at Vaso's in Stafford for a bar-be-que sandwich and a good friendly visit on the evenings of our regular membership meetings. Usually there are just a few who show up - but there was almost a crowd before our last meeting. It was really great to see everyone. I'll bet the word got out that Ethyl was bringing another one of her cakes for dessert. I hope you will join us when you find yourself near Stafford at 6 to 6:30 pm on the evenings before the club meetings. It's always a lot of fun.

Our 1985 membership drive has begun and I encourage everyone to send their dues promptly so our new roster will be available in early January. It takes a lot of time and effort to produce such an outstanding publication and each of us can help by sending our dues and information sheets to Allan, KA5RXX, as soon as possible.

I'll be looking forward to seeing everyone at the Ham-Com and then at the B-VARC meeting on the 11th.

73, Harold, ND5F

MINUTES OF THE BOARD OF DIRECTORS MEETING SEPTEMBER 6, 1984

The meeting was called to order by the President, Ron KA5GYG at 7:30 PM in the offices of Vic, K5KNH. Present were: Ken KA5DES, Harold ND5F, Ron KA5GYG, Vic K5KNH, Mark KA5NYI, Allan KA5RXX, and Carter KD5XX.

Ron reported that we have two Ham Com activities: the transmitter hunt and the computer check in. Harold attended the last Ham Com board meeting for Ron to say that our club would participate and we were assured that proper facilities would be provided for our activities. The January banquet is being taken care of. There is no news of our Special Service Club appointment. Harold then read a copy of a letter he had sent to the league headquarters concerning our SSC application and requesting the return of our application if not needed by headquarters.

Ron reported that members of the ECHO Society had contacted him about meeting with representatives of other clubs to discuss closer cooperation. If possible, Allan will attend a breakfast Saturday with members of other area clubs.

MINUTES OF THE BOARD OF DIRECTORS MEETING SEPTEMBER 6, 1984 (cont)

Harold has also written Art Ross, W5KR, the ARRL Section Manager, to inquire of other Volunteer Examiner Teams. The purpose is to schedule examinations not to interfere with other examination dates. Harold has given the latest membership roster to Allan. Harold has also sent copies of the August bulletin to all new Novices. It was reported that Stu, WB5IGG has a list of new ARRL members and new licensees.

Allan will publish the procedure for those having computers to input material for the bulletin on Walt's, WD5GAZ, bulletin board.

Mark had two items for the Board: 1) the auction of Silent Key Bob Spradling, W5UBD, equipment will be postponed until the next meeting and 2) concerning the club checking account; the suggestion was made that perhaps the best possible place would be in an interest bearing account at money market rates. San Jacinto Savings and Loan was suggested as the best possible place.

The meeting was adjourned.

MINUTES OF THE GENERAL MEMBERSHIP MEETING SEPTEMBER 13, 1984

The meeting was called to order by Ron, KA5CYG at 7:30 PM. A standing roll call followed. The first president of BVARC, Jerry Albright WD5HQU, was recognized.

Upgrades recognized: Bobby Webb, WA5CAC - Adv. to Extra

Visitors recognized: Bill, KA5TAV

Committee Reports:

Finance - Mark, KA5NYI, reported on the possible use of surplus club money such as depositing into an interest bearing account.

Special Events - Lloyd, WD5HER, will run the computer check in.

- Henry, N5HFN will run the transmitter hunt.

- Paul N5FQS, Steve KA5DUU, and Laura KA5SGM will assist Steve WA5OEN on the Flea Market.

- Mark, KA5NYI reported Silent Key Bob Spradling, W5UBD equipment auction will be held at the next club membership meeting (details appearing elsewhere in the Bulletin).

- Ed, W5UVX, announced the Simulated Emergency Test is to be next month.

Social Activities - The January Banquet will be at the Cellar Door - Texas Inn.

Training - Muirl, W8QK spoke on the Novice Class to start September 27, from 7 to 9 PM at the Stafford fire station. Classes will end before Christmas, probably ten sessions in seven weeks.

Program - Harold, ND5F reported the October meeting will feature a Southwestern Bell Telephone representative.

Net Activities - Monday and Wednesday nets discussed with special emphasis on Vance's N5FLQ CW net.

Public Relations - Walt, WD5GAZ, discussed his bulletin board, the number is 955-7564.

Membership - Sam, N5CPA, an information packet for new members including ARRL list of new amateurs. Sam reported 79 members of August; WA9RDV being the latest to join.

MINUTES OF THE GENERAL MEMBERSHIP MEETING SEPTEMBER 13, 1984 (cont)

Bulletin - Allan reported that anyone having a computer can upload to Walt's computer for articles going into the Bulletin
 - Ken Manchester at 772-5259 also has a bulletin board.

Harold, NDSF reported that Steve Place, WB1EYI, wrote to inform that we are now a Special Service Club. Some benefits of this designation are: listing as such in the net directory, new amateurs will be directed to us and we will receive the ARRL Letter. We also received the first issue of Gateway, The Packet-Radio Newsletter.

Allan will publish a listing of ARES members and equipment.

- New Business - Bill, NG5C spoke on a Volunteer Examination to be given at 8 AM Saturday December 15, at Baker Oil Tool in north Houston. Cut off date is November 15. Send a \$4.00 check made out to ARRL/VEC to Charlie Barker, K5PGS, P.O. Box 570715, Houston, Texas 77257-0715.
- Ron stated that the Nomination Committee should begin to select a slate of officers for the next year.
 - OUR SECOND POST OFFICE BOX KEY IS LOST !! WHO HAS IT ??
 - Lloyd has given to Stu an up-to-date membership roster.
 - Stu told Mark, K5GQ of the Katy club, reporting the librarian has been receiving inquiries of all kinds, some concerning amateur radio. Stu asked that all such inquiries be referred to him.
- Old Business - Paul, N5FQS, spoke on the 440 repeater. Corporate Charter has been registered with the Secretary of State. A net meets on 442.0 MHz at 8 PM each Monday.
- Allan can make a telephone pyramid now that we have an up to date roster.

The business meeting adjourned for the program.

WE WERE THERE - 9/13/84 - WHERE WERE YOU

NG5C	N5HF	WD5HEH	KA5NYI	KA5RXX
WA5CAC	ND5F	N5HFB	WBQK	KA5SGM
N5CPA	N5FLQ	K5HOY	KA5QXI	KA5SMO
WD5CVK *	NFFQS	WD5HQU	WA5RBD	WN5TEN
KA5DKS	KD5GM	WB5IGG	WA9RDV	W5WVX
KA5DUU	WA5GYG	WB5JAN *	W5RKN	KN5X
K5EST	WD5GAZ	KA5LTW	KA5RXW	

*non-members

Guests present: Beth Lorenz, Kenny Manchester, and Carlos Robinson

NEW MEMBERS

We all welcome the return to active status by the Club's first president, Jerry Albright WD5HQU. His mailing address is P.O. Box 792, Missouri City, Texas 77459. His home fone is 437-3367 and at work the number is 780-3250. He holds an Advanced Class ticket and at present is not a member of ARRL.

Jerry returned to the fold just in time to fill out the makeup of the Nomination Committee for 1985, which is the Club's last three available past presidents.

NEW MEMBERS(cont)

Y'all also welcome the following new members who joined us at the last membership meeting:

Ray Dillard KA5QXI 1501 Big Bend #77 Houston, Tx 77055 Home - 467-9245 Work - 462-0939 Advanced Class ARRL - yes	Ken Manchester KA5UPB 6106 Elm #2101 Houston, Tx 77081 Home - 772-1604 Work - 444-1060 Novice Class ARRL - yes	A1 Embry N5HFH 8648 Maplecrest Houston, Tx 77099 Home - 495-4012 Work - 495-4012 Technician Class ARRL - not yet
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These three, like others who've joined us this year, will be wearing red-bordered badges. Introduce yourself and make 'em glad they're now one of us!

Jerry will be wearing the green-bordered badge of a Charter Member. Make him glad too, that he's back with us!

NET CONTROL SCHEDULE

2M B-VARC PUBLIC SERVICE NET				
10/01 ND5E	10/08 N5GTF	10/15 WA5CAC	10/22 KA2GRS	10/29 ND5E
11/05 WA5RED	11/12 WA5CAC	11/19 KA2GRS	11/26 ND5E	
10M B-VARC RAG CHEW NET				
10/03 WB5IGG	10/10 K5EST	10/17 N5HF	10/24 KA5GYG	10/31 WB5IGG
11/07 N5FLQ	11/14 N5HF	11/21 KA5GYG	11/28 WB5IGG	
15M B-VARC SLOW SPEED CW NET				
10/03 N5FLQ	10/10 N5FLQ	10/17 N5FLQ	10/24 N5FLQ	10/31 N5FLQ

FROM THE PROGRAM COMMITTEE

At the October meeting, John Huddleston (K5DL) will talk about the Official Observer Program on the Amateur Radio Bands. As the government continues to reduce it's involvement in amateur radio, this observer program will grow in importance.

THIS IS ONE PROGRAM YOU DON'T WANT TO MISS!!

TREASURER'S REPORT FOR PERIOD ENDING SEPTEMBER 15, 1984

Balance as of August 15, 1984	576.11
RECEIPTS:	
BVARC Annual Picnic	148.50
Membership Dues to date	16.00

Total	740.61
EXPENSES:	
ARRL (Dulles High School QST Subscription)	25.00
Madison Electronics (Novice Class material)	89.99
Stu Lemkin (Bulletin & Postage Expense)	54.54

Balance as of September 15, 1984	571.08
BVARC Annual Picnic recap	
Expenses:	
K & K Sausage Company	100.80
Hajdik's Food Market	47.24
Unknown Company	3.75
Randall's Food Market	76.94

Total	228.73
Receipts:	
Cash and Checks combined	148.50

Net loss on picnic	80.23
Submitted by Lloyd Phelps, WDSHEH Treasurer	

B-VARC VOLUNTEER EXAMINER PROGRAM
By Harold Parker

It looks like B-VARC's volunteer examiner group is about ready to go to work on what may well prove to be one of the more important, and certainly the most continuous, activity of the Brazos Valley Amateur Radio Club; that of sponsoring a regularly scheduled offering of amateur license radio examinations.

As this is being written, the receipt of V.E. ACCREDITATION CERTIFICATES by Club members who have applied for them has begun, and as you read this, all of us who have sent in our formal applications probably will have ours in hand.

If you hold an Advanced or Extra Class license and haven't yet applied for accreditation as a Volunteer Examiner, call me at 464-9044 and I'll be glad to tell you how to get in the B-VARC VOLUNTEER EXAMINER GROUP.

-VARC PUBLIC SERVICE HONOR ROLL

- A. Houston Marathon: January 15, 1984
- B. Bayou City Fun Run: March 24, 1984
- C. Houston Festival: March 24, 1984
- D. SW Wheelchair Athletic Association: April 7 & 8, 1984
- E. Bellaire Fun Run: April 8, 1984
- F. Reeking Regatta: April 14, 1984
- G. Rainbow Festival: April 14 & 15, 1984
- H. Fleet Feet Fun Run: April 28, 1984
- I. March of Dimes Walkathon: April 29, 1984
- J. Sharpstown Mall: May 5, 1984
- K. Walk for Israel: May 20, 1984

Chris Armatta, N5GQK	A,B	Sallie Hanus, KA5RXW	E
Mike Armatta, NSAPC	A,B	Ed Harwell, W5WVX	I,J
Pat Armatta, N5GIK	B	George Jolly, ND5E	J
Carter Beghtol, KD5XX	E	Stu Lamkin, WB5IGG	A,E,H,I,J
A.J. Blackwell, WB5YLB	E	Vic LaRocca, K5KNH	J
Ron Bolyard, KA5GYG	I,J	Larry Levy, WD5DRB	E,K
Paul Brooks, N5FQS	B,D,E,H,J	Garry Maynard, KA2GRS	D,F,H,I,J
Henry Freedenberg, N5HF	A,J	Jay Maynard, K5ZC	A,C
Linda Freedenberg	J	Kaye Maynard, KA2GRW	J
Mel Godbold, KD5YA	J	Ken McAninch, KA5DKS	E,H,J
Hy Gordan, NC5A	I,K	Harold Parker, ND5F	A,B,E,F,H,I,J
Irene Gordan, N5AYX	I,K	Lloyd Phelps, WD5HEH	E,I
Steve Gottlieb, WA5OEN	E,I,J,K	Muir Robinson, W8QK	J
Bob Haase, N5AER	J	Ed Truitt, KD5JC	A,I
Dick Hagerman, WB5SRN	A,B,C,D,E,F,G,H,I		
Allan Hanus, KA5RXX	E,I,J		

Packet Radio: A Brief Overview*by Paul Rinaldo, W4RI*

Packet radio is a method of error-free communications now in use by several hundred radio amateurs in North America. It is undergoing rapid development and expansion. Think of a network which someday will give you electronic mail and terminal-to-terminal connection with most active amateurs in North America and overseas.

Two amateur stations can communicate directly via packet radio. While they are exchanging two-way communications, several other QSOs can take place on the same frequency. This is possible because the transmissions are sent in short, high-speed bursts representing roughly a line of text at a time. Each transmission, or "frame" has its own error-checking feature, so that the receiving station knows when an error-free frame has been received. When that happens, the receiving station automatically sends an ACK (acknowledgement), and the process repeats. In case of garbles, the sending station keeps transmitting the frame until the receiving station gets it solid.

Operation

To set up a station for two-meter packet-radio operation, you'll need a radio transceiver and antenna. In addition, you need some type of ASCII terminal with an RS-232-C port. This can be anything from a simple video display terminal to a personal computer (such as the Sinclair ZX81 or the Commodore VIC-20). The specialized equipment needed for packet radio will cost you around \$200 and consist of: A Terminal Node Controller (TNC) [also called Packet Assembler/Disassembler (PAD)], and a Bell 202 modem or equivalent.

TNCs are available from the Vancouver Amateur Digital Communications Group (VADCG); the Tucson Amateur Packet Radio (TAPR) (has built-in modem); Bill Ashby, K2TKN, and a PAD will be available soon from The Amateur Radio Research and Development (AMRAD).

The forming of the frames or packets is all automatic and taken care of by the TNC or PAD. These functions are governed by computer software which is made available to packet radio stations usually in the form of erasable programmable read-only memory (EPROM) chips. The software conforms to a protocol which has been adopted by most packet groups. The present level of agreement extends up to Layer 2 — the Link Level as specified in the AX.25 link-level document. There is not yet any agreed protocol for Layer 3 — the Network Level, but work is presently under way.

Local-area networks using amateur packet radio now exist in a number of cities throughout the U.S. and Canada. These local networks can be formed by you and several other hams in your area by contacting one of the active packet radio groups.

The ARRL has supported packet-radio development in a number of ways: sponsoring of packet-radio conferences in October 1981 and March 1983, and publication of monthly packet-radio information of *OEX* — The ARRL Experimenters' Exchange. For general packet-radio information and bibliographies check the October 1982 issue of *QST* and Chapter 14 of *The Radio Amateur's Handbook*. Also available from Hq for \$9.00 postpaid are the proceedings of the Second ARRL Amateur Computer Networking Conference.

B-VARC DESIGNATED AN ARRL SPECIAL SERVICE CLUB

We received official notification on September 5th that B-VARC has been designated a Special Service Club. Steve Place, WB1EYI, Manager of the Club and Training Department at the ARRL in Newington wrote to extend their congratulations to the entire Brazos Valley gang. In a letter that Steve sent to Art Ross, W5KFR, pur ARRL Section Manager, he told Art that through the work of its membership, B-VARC is recognized for extended efforts on behalf of Amateur Radio and service to its community.

Some of the benefits that B-VARC will receive as a Special Service Club will be to:

1. Receive lists of new licensees in our area as this information arrives from the Callbook
2. Have new ARRL members in our area automatically referred to B-VARC.
3. Have our meeting and contact information printed in a section of the ARRL Repeater Directory.
4. Receive authorization to wear or display the new SSC insignia.
5. Receive closer personal attention through greater involvement with League officials.
6. Have the authority to process and present VHF/UHF Century Club Awards.
7. Receive a subscription to the biweekly ARRL Letter.
8. Participate in training programs for club officers at ARRL Division Conventions conducted by Affiliated Club Coordinators.
9. Receive news and pertinent information quickly from a variety of sources.

I believe this was an important and worthwhile undertaking for B-VARC and was very happy to receive the news of our designation. I congratulate the membership and thank everyone who has helped make this achievement possible for our club.

Harold, ND5F
SSC Coordinator

IT'S TIME TO PAY 1985 B-VARC MEMBERSHIP DUES

Please send your checks for the 1985 B-VARC Membership dues as soon as possible so the new Club Roster can be published. The production of our Annual Roster takes a lot of time and effort, so we need to have your dues early so we can get started on it and have the new one ready and available at the Annual B-VARC Banquet in January.

Our dues are the same again - \$8.00 for individual membership plus \$2.00 for each additional family member who desires membership. Only those who have paid their dues will be included in the new roster - so please help us by sending your payment promptly.

You will find a copy of the B-VARC Information Sheet included in this issue of the Bulletin and we ask that you complete this sheet with the information as you want it to appear in the 1985 Roster and mail it with your dues payment.

Please mail promptly to: Lloyd Phelps, WD5HEH, c/o B-VARC, 10010 Greenfork #910, Houston, Texas 77036.

B-VARC has enjoyed a great year through your support. We hope each of you will continue that support in the future years.

Sam N5CPA, Membership Chairman

AUCTION (cont)AMATEUR RADIO LITERATURE

<u>BID ITEM NUMBER</u>	<u>DESCRIPTION</u>
14	1955 ARRL ANTENNA BOOK. RCA SOLID STATE HOBBY CIRCUITS MANUAL. RADIO SHACK POLICE CALL EMERGENCY DIRECTORY. NOV & DEC 1983 QST. 1955 & 1964 ARRL RADIO AMATEURS HANDBOOK. 1980 U.S. CALLBOOK.

OTHER MISCELLANEOUS ITEMS

<u>BID ITEM NUMBER</u>	<u>DESCRIPTION</u>
15	MOBILE CB STATION-RCA MODEL 14T301 23 CHANNEL CB TRANSCEIVER. MOTOROLA CB TRANSCEIVER TESTER MODEL S-1353A. POWER METER AND STANDING WAVE BRIDGE. MOBILE MAG MOUNT ANTENNA.
16	MIDLAND MODEL 13-725 2 WATT, 3 CHANNEL CB TRANSCEIVER. INCLUDES OWNERS MANUAL.
17	VARIOUS BROADCAST BAND RADIOS-K MART AM POCKET RADIO. MARVEL AM/FM PORTABLE RADIO. ELECTROBRAND AM POCKET RADIO. REALISTIC FM CAR RADIO ARCHERKIT AM HEADPHONE RADIO.
18	LAFAYETTE GUARDIAN 11 RADIO. INCLUDES AM BROADCAST BAND AND VHF (147-174 MHZ)
19	LLOYDS PORTABLE RADIO. INCLUDES AM BROADCAST BAND, MARINE BAND (2.6 MHZ) AND VHF (108-135 MHZ)
20	HEATHKIT MODEL IG 5240 COLOR GENERATOR. WITH OWNERS MANUAL.
21	PAIR OF OLSON WIRELESS REMOTE CONTROLS FOR TV.
22	PAIR OF FEDTRO TRANSISTORIZED WIRELESS INTERCOMS.
23	PORTABLE VISE.
24	TELESPORTS MINI TV GAME. INCLUDES TENNIS, HOCKEY AND SQUASH.

AUCTION (cont)-----
LISTING OF ITEMS UP FOR BID
-----AMATEUR RADIO TRANSMITTERS AND RECEIVERS

<u>BID ITEM NUMBER</u>	<u>DESCRIPTION</u>
1	HEATHKIT HW 2036A SYNTHESIZED FM 2 METER TRANSCEIVER AND HWA 2036-3 AC POWER SUPPLY. INCLUDES OWNERS MANUAL AND RCA MICROPHONE.
2	HALLICRAFTERS SX-100 GENERAL COVERAGE RECEIVER (538 KHZ-34 MHZ). INCLUDES OWNERS MANUAL. NONOPERATIONAL AND NEEDS WORK.
3	HALLICRAFTERS HT-32B SSB-CW-AM TRANSMITTER. 80-10 METERS. 70-100 WATT FOR SSB & CW. 17- 25 WATTS (CARRIER) FOR AM. INCLUDES OWNERS MANUAL. NONOPERATIONAL AND NEEDS WORK.

TEST EQUIPMENT

<u>BID ITEM NUMBER</u>	<u>DESCRIPTION</u>
4	HEATHKIT MODEL V7A VACUUM TUBE VOLTMETER. INCLUDES OWNERS MANUAL AND TEST PROBES.
5	MICRONTA FIELD STRENGTH METER.
6	MICRONTA TRANSISTORIZED SIGNAL TRACER.
7	LAFAYETTE MODEL 99-5073 MULTIMETER WITH TEST PROBES.
8	HEATHKIT MODEL GD1B GRID DIP METER WITH OWNERS MANUAL.
9	HEATHKIT RF SIGNAL GENERATOR.
10	SUPER JUNK BOX. INCLUDES VARIOUS TUBES, RESISTORS, CAPICITORS CONNECTORS, WIRE AND MUCH MORE.

ANTENNAS AND ACCESSORIES

<u>BID ITEM NUMBER</u>	<u>DESCRIPTION</u>
11	OMNI J ANTENNA.
12	PORTABLE ANTENNA KIT FOR CB AND OTHER USES. PACKAGE NEVER OPENED.
13	HERALD ELECTRONICS UNIVERSAL PULL-OUT LOCK MOUNT. PACKAGE NEVER OPENE

AUCTION AUCTION AUCTION

ON OCTOBER 11, 1984, AT THE NEXT REGULAR MEMBERSHIP MEETING OF THE BRAZOS VALLEY AMATEUR RADIO CLUB, THERE WILL BE AN AUCTION OF RADIO EQUIPMENT PREVIOUSLY OWNED BY W5UBD, BOB SPRADLING, NOW A SILENT KEY.

THE PROCEEDS OF THE AUCTION WILL GO TO BOB'S WIDOW. ONLY SEALED BIDS WILL BE ACCEPTED. BIDDING INSTRUCTIONS AND A LISTING OF ITEMS UP FOR BID APPEAR BELOW. EVERYONE IS ENCOURAGED TO SUPPORT THIS CAUSE AND PICK UP SOME EQUIPMENT.

BIDDING INSTRUCTIONS

ONLY SEALED BIDS WILL BE ACCEPTED. BIDS MAY BE MAILED TO THE CLUB'S PO BOX OR HAND DELIVERED TO THE AUCTIONEER, MARK MCGRATH-KA5NYI, BY 7:30 ON THE NIGHT OF THE MEMBERSHIP MEETING.

FOR BIDS SENT THROUGH THE MAIL:

1. FOR EACH ITEM YOU WISH TO BID ON, INDICATE THE BID ITEM NUMBER, YOUR BID PRICE, YOUR NAME AND YOUR CALL SIGN ON A SHEET OF PAPER. INSERT THE PAPER INTO A SEALED ENVELOPE AND WRITE THE BID ITEM NUMBER ON THE OUTSIDE.
2. PLACE ALL ENVELOPES INTO ANOTHER ENVELOPE AND MAIL TO:
MARK MCGRATH - KA5NYI
414 FAIR OAK
STAFFORD, TEXAS 77477

FOR BIDS TO BE ACCEPTED AT THE MEETING:

1. FOR EACH ITEM YOU WISH TO BID ON, INDICATE THE BID ITEM NUMBER, YOUR BID PRICE, YOUR NAME AND YOUR CALL SIGN ON A SHEET OF PAPER. INSERT THE PAPER INTO A SEALED ENVELOPE AND WRITE THE BID ITEM NUMBER ON THE OUTSIDE.
2. GIVE THE ENVELOPES TO MARK MCGRATH-KA5NYI BY 7:30 ON THE NIGHT OF THE MEETING.

NOTES:

1. THE AUCTIONEER MAKES NO REPRESENTATION AS TO THE OPERATING CONDITION OF THE EQUIPMENT UNLESS OTHERWISE STATED BELOW.
2. ALL BID ITEMS WILL BE ON DISPLAY AT 7:00 AT THE MEETING PLACE ON THE NIGHT OF THE MEETING.
3. PAYMENT WILL BE EXPECTED FOR WINNING BIDS ON THE NIGHT OF THE MEETING OR AS SOON AS POSSIBLE AFTER THAT.

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IT'S ELECTION TIME I

Yes, I know and you know it's national election time in November. And it's also election time for B-VARC in November -- the second Thursday in November. But we go about it a bit differently than do the Republican and Democratic Parties.

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Our By-Laws provide:

1. That officers for the ensuring year and a 3-year term At Large director be elected at the Club's November general membership meeting.
2. That a Nominating Committee, composed of the last 3 Club presidents and chaired by the immediate Past President, present to the membership at the November meeting its recommended slate of a candidate for each position,
3. That other nominations from the floor be accepted, provided consent of such nominees has been or is obtained at the meeting,
4. That election of officers and the At Large director be accomplished, and
5. Such elected officers and the director assume office at the Club's first meeting of the year, which is the Annual Banquet.

The purpose of this editorial is four-fold:

1. If you'd like to be considered by the Nominating Committee for a position on the slate, call it's Chairman, Steve Gottlieb WA5OEN at home fone 933-7249 and volunteer!
2. If you'd like to recommend someone for consideration, pass that information to Steve.
3. If the Committee approaches you to accept a position on their site, consider it an honor and accept.
4. Come to the November meeting and help get 1985 started out on its way to being an outstanding year in the Club's history.

See you at the meeting!

Stu Lamkin WB5IGG

75 or 10 METERS

Stu Lamkin WBSIGG

Participation in and check-ins on the B-VARC 10 meter ragchew net on Wednesday evenings haven't been very good and several of us have been speculating as to why? We've about concluded there are probably two reasons.

One is that 10 meter ground wave is line of sight only and then seems to be subject to an intermittent effect of atmospheric conditions. Another and maybe the strongest, is TVI on channel 2 home television systems, and home intercom networks.

The other morning on the early, early bird run, someone wondered about 75 meters, and we decided to try it. To our amazement, ten stations showed up and everyone could copy everyone else, regardless of what kind of antennas were in use. Nobody had any TVI problems, and the fabled nighttime 75M QRM was no problem!

75 or 10 METERS (cont)

We were all so pleased we decided to continue the experiment as follows: Each evening, starting at 7 PM and each half hour thereafter up thru 9 PM, and continuing for about 5 minutes, go to 3865 KHz. If QRM is there, look for a clear spot 10 KHz down; if none, check up to 3875 KHz. Finding a clear spot, put out a CQ call 2 or 3 times a minute.

So come join us. BUT -- don't just sit and listen; make a call 2 or 3 times a minute. If 10 stations are just listening, no one is gonna talk to anybody! Find a clear spot and make your calls and someone most probably will answer you. And pass the word around about our 75 meter experiment.

NCDXF 20 METER BEACON

by John Hudelson K5DL

Although articles describing the Northern California DX Foundation (NCDXF) 20 meter beacon system appeared in the June 1983 issue of QST and in the April 1984 issue of CQ, the following is paraphrased from these articles and from information furnished by AL Lotze W6RW, Beacon Coordinator,

The worldwide beacon network was organized and funded by the Northern California DX Foundation to give listeners a practical opportunity to investigate propagation. The beacon network consists of stations 4U1UN in Switzerland, W6WK in California, KH6O in Hawaii, JA2IGY in Japan, 4X6TU in Israel, OH2B in Finland, CT3B in Portugal, and ZS6DN in South Africa.

Each station transmits in the above order on 14100 KHz. for approximately one minute beginning at each hour and at a 10-minute interval thereafter, 24 hours a day. Each station's transmission begins with a brief call (QST de 4U1UN/B) and a long dash at 100 watts, then a dash at 10 watts, a dash at 1 watt, a dash at 0.1 watt, and finally an ending call (SK de 4U1UN). Then the next station takes up at the beginning of the minute, transmitting its opening call, the graduated series of dashes, and its ending call.

There are many uses for the beacon, such as providing frequency markers, comparing receivers or antennas by interchanging equipment during a single dash, calibrating an S-meter since beacon power levels are attenuated in 10 DB unit steps, or using the beacon for a time check.

The NCDXF would like to have monitor reports from anyone, as they wish to learn of the worldwide coverage of the various beacon power levels, especially at the lowest level, 0.1 watt. Beacon reporting should be in one string of numbers, e.g.: June 01 0500 24432111, which translates to : on June 1 at 0500Z you copied two power levels (100W & 10W) for 4U1UN, four for each of the next two stations, respectively, but only the 12-00W ones for the last three stations.

Beacon reports should be sent to Al Lotze W6RW, 40 Cragmont AVE., San Francisco, CA 94116.

I'll be pleased to discuss the NCDXF 20 meter beacon network with anyone. Please call me at 713-463-1785.

Buy - Sell - Swap MART

FOR SALE OR TRADE

- 1. HEATH SB-401 transmitter, SSB 100W with microphone.
- 2. HEATH HG-10E VFO, 2 - 80M.
- 3. ICOM RN-2 digital controller.
- 4. HEATH "Mohican", gen. coverage rcvr., 10 - 80M, portable, batt. powered.
- 5. COLLINS 390-A gen. coverage rcvr., 500KC - 31MHz, digital mech. tuning, Xtal & mech. filters.

Bob Grady, N5DQR W- 977-0202 H- 781-5809

FOR SALE

HW-16 & HG-10 VFO \$125
 SB-300 needs work \$ 75
 NC-101 gen. coverage rcvr. \$ 50
 Antennas, galore, 80 foot tower, Rotors, etc. Inquire
 Antenna work done
 WANTED: Remote antenna switch.

Muir Robinson, W8QK 776-3067

FOR SALE OR TRADE

Bolex H-8 Movie Camera w/turret mounted YVAR f1.9, 13mm normal & YVAR f2.8, 36mm telephoto lenses. This is the 16mm model body and will take 100 foot rolls of 8mm film. It has speeds from 8 fps to 64 fps, a frame counter and wind-up motor or manual drive systems.

Harold Parker, ND5F 464-9044

FOR SALE

Johnson Desk Top Kilowatt HF Amplifier - good working condition. From the estate of a Silent Key. \$500. Call for information.

Homer Witmer, W5OAX 461-7712

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*           MADISON ELECTRONICS SUPPLY
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* 1508 McKinney      Houston, Texas 77010      Phone 658-0268
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* TO ALL HAMS---
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* We carry in stock or can order for you any item you want from
* any major manufacturer of ham gear, including all line acces-
* sories and Kenwood service manuals.
*
* Call me, identify yourself and wants, and I'll quote our HOT
* SPECIAL prices available to you.
*
* 73, Don Busick, K5AAD
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About the Brazos Valley Amateur Radio Club

First organized in 1977, the Brazos Valley Amateur Radio Club has been a gathering place for local Ham Radio Operators in Southwest Harris County, Fort Bend County and surrounding communities. Using various activities, the club has something to offer ham operators no matter what their persuasion. For prospective new amateurs, the club regularly schedules classes for those interested in obtaining their novice license. All persons; men, women and children are cordially invited to come to a meeting and see what we are all about. Meetings are held on the second Thursday of each month at the Missouri City Police Station, 2 miles south of South Main on FM 2234.

THOUGHT FOR THE DAY

THERE IS NO MAN SO BEREFT AS THE MAN WHO IS THOUGHT-LESS.

-- ANONYMOUS

1351 Gentle Bend
Missouri City, Texas 77489

ADDRESS CORRECTION REQUESTED

FIRST CLASS MAIL