



B-VARC BULLETIN

The Monthly Publication of the
BRAZOS VALLEY AMATEUR RADIO CLUB
Serving Fort Bend and Harris Counties

Editor in Chief: Kelley Hughes N5ULZ (713) 499-9806 FAX: (713) 499-0279

About the Brazos Valley Amateur Radio Club . . .

Organized in 1977, the club has been growing steadily. It is a gathering place for HAM radio operators in Fort Bend and Southwest Harris Counties and surrounding communities. It is a general-purpose type of HAM club offering a variety of activities open to all interested persons. Membership is open, not only to licensed HAM operators, but also to anyone interested in the hobby. In addition to regularly-scheduled membership meetings, the club each year conducts classes leading to amateur radio licenses, and each month sponsors a volunteer-examiner team that offers examinations in all levels of HAM licenses.

To obtain information about the club and its various activities, as well as information about joining the club, contact Betty Wilcox, KA0TEN, at (713) 859-6512.

Volume: 17 Issue: 2

February 1994

ADDRESS CORRECTION REQUESTED

From: Brazos Valley Amateur Radio Club, Inc.
P. O. Box 1630
Missouri City, Texas 77459



B-VARC MEETING SCHEDULE

Thursday Feb. 10 7:30 pm	Regular BVARC Membership Meeting - Sugar Land Community Center
Friday March 3 7:30 pm	Board of Directors Meeting Sugar Land Community Center

Allen Mattis N5AFV
5314 Wigton Drive
Houston, TX 77096



February 1994

B-VARC Calendar of Events

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 8:00 PM 10-10 SHOT Net 28.488 10:00 PM AMSAT 147.10	2 8:00 PM B-VARC Rag Chew 3.960 (Busy? +3 Khz)	3 7:30 PM B-VARC Board Meeting: Sugar Land Community Center	4	5 7:30 AM B-VARC Breakfast 8:30 AM CW on 147.32 9:00 AM Hou. Emer- gency Management NET 146.84 (9:30 on 3.905)
6 7:30 PM A.R.E.S. Net 147.30	7 7:30 PM 34-94 Swap Net 146.94 8:00 PM Fort Bend County Emergency Net 145.49 9:00 PM BVARC Net 145.47 & Linked Repeaters	8 8:00 PM 10-10 SHOT Net 28.488 10:00 PM AMSAT 147.10	9 8:00 PM B-VARC Rag Chew 3.960 (Busy? +3 Khz)	10 7:30 PM Membership Meeting Sugar Land Community Center	11	12 7:30 AM B-VARC Breakfast 8:30 AM CW on 147.32 9:00 AM Hou. Emer- gency Management NET 146.84 (9:30 on 3.905)
13 1:30 PM Texas State RACES Net 7.248 7:30 PM A.R.E.S. Net 147.30	14 7:30 PM 34-94 Swap Net 146.94 8:00 PM Fort Bend County Emergency Net 145.49 9:00 PM BVARC Net 145.47 & Linked Repeaters	15 8:00 PM 10-10 SHOT Net 28.488 10:00 PM AMSAT 147.10	16 8:00 PM B-VARC Rag Chew 3.960 (Busy? +3 Khz)	17	18	19 7:30 AM B-VARC Breakfast 8:30 AM CW on 147.32 9:00 AM Hou. Emer- gency Management NET 146.84 (9:30 on 3.905)
20 7:30 PM A.R.E.S. Net 147.30	21 7:30 PM 34-94 Swap Net 146.94 8:00 PM Fort Bend County Emergency Net 145.49 9:00 PM BVARC Net 145.47 & Linked Repeaters	22 8:00 PM 10-10 SHOT Net 28.488 10:00 PM AMSAT 147.10	23 8:00 PM B-VARC Rag Chew 3.960 (Busy? +3 Khz)	24	25	26 7:30 AM B-VARC Breakfast 8:30 AM CW on 147.32 9:00 AM Hou. Emer- gency Management NET 146.84 (9:30 on 3.905)
27 1:30 PM Texas State RACES Net 7.248 7:30 PM A.R.E.S. Net 147.30	28 7:30 PM 34-94 Swap Net 146.94 8:00 PM Fort Bend County Emergency Net 145.49 9:00 PM BVARC Net 145.47 & Linked Repeaters					

January

S	M	T	W	T	F	S
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

March

S	M	T	W	T	F	S
1	2	3	4	5		
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30	31		

Notes from the President by Doug Holley, KE5SR

My sincere thanks to all the members of BVARC that instilled their trust in me and elected me President for the 1994 year. I shall attempt to serve the club in a manner that will be beneficial and will continue to attract new members. I am looking forward to working with all of the newly elected officers.

As stated in my speech at the Banquet, one of my major goals for the coming year will be to upgrade amateurs in their CW skills. We have many new amateurs with license authorizations that limit their ability to expand their skills and enhance their club activities as a result of not upgrading their licenses. Many activities and opportunities are available to us that will be denied if we fail to upgrade.

I would like to thank some of the members that have been especially helpful to the club during the past year. Things run so smoothly within the organization we sometimes fail to recognize those people and all that they do.

Betty, KA0TEN, provided presidential leadership throughout 1993 and was involved with the many club events such as the ice cream social, chili supper, club picnic, club campout, and field day. Thanks to Betty, all events were successful. Vincent Orlando, WA5ETS, almost single-handedly wrote, published, and mailed our Bulletin for three years. The Bulletin is the lifeline which keeps the club informed, and to me is the single most important part of our information cycle.

Michael Ricco, N5YKR, net control station for the BVARC Public Service Net, provided a valuable part of our communication service as did Mel Thatcher, KB5ION, for our HF net on Wednesdays. Claudia Kozinetz, N5VCZ, provided valuable coordination for our Public Service Events. She did an outstanding job. My pick for the 1993 "Ham of the Year" for BVARC was Al Zermano, KK5W. The items are too numerous to list that Al participated in or helped with for the club. He is certainly deserving. My thanks go to Al. I could go on for the entire newsletter and list accomplishments of members, but my thought is to simply say well done and

B-VARC RAG CHEW CHECK-INS

3.960 MHz 8:00 pm Wednesdays
Compiled by Melvin Thatcher, KB5ION

January 5, 1994

KB5ION (Net Control), N5OAC, KE5SR, AB5OK, N5CPA, N5AFV, WA5DIG, W5GLD, K15SC, KB5PAJ, KK5W, KC5EEU, WN5A, KG5KV, KB5LFU, N5YKR, N5UOG, AA5JW, W5GHK, K5LTW, N5RAR

January 12, 1994

KB5ION (Net Control), AB5OK, N5KXU, KB5LFU, W5DIG, N5CPA, KB5ZRV/AG, WA5OEN, KG5KV, N5UOG, N5YKR, K15CE, KK5W

January 19, 1994

AB5OK (Net Control), KB5ION, N5OAC, WN5A, WB5UTM, N5CPA, WA9YNJ, W5GHK, N5AFV, KJ5LF

January 26, 1994

KE5SR (Net Control), KG5KV, AB5OK, N5CPA, K15SC, N5OAC, KB5PAJ, KB5KJT, N5AFV, N5UOG, KB5ION, WN5A, W5IHV, W5EFB, W5GHK, N5YKR, N5KXU

February 2, 1994

KB5ION (Net Control), N5UOG, N5CPA, K15SC, KB5PAJ, W5GHK, KB5LFU, N5AFV, W5EFB, N5YKR, WB5KNU/m, K15CE

let's continue.

I welcome Mike Hardwick, N5VCX, Coordinator for Public Service events. Mike has a lot of new ideas and I think he will be a success. Also welcome to Kelley Hughes, N5ULZ, the new Editor-in-Chief of our BVARC Bulletin. With people like this on our team, we are sure to have a good year.

With the FCC evermore relinquishing their influence and control on the ham bands, it is more important than ever that we as a unified group show more respect for our hobby and our fellow hams. Patience and consideration go a long way to make an enjoyable hobby. BVARC, as a group, is very good with our radio manners as compared with other organizations. A bit of Trivial Pursuit on the way to work in the morning, or a late night ragchew on two meters go a long way to making this hobby all worthwhile. Our world is stressful and complex, but with a group like ours, life's great.

73 de KE5SR

1994 PUBLIC SERVICE EVENTS

by Michael Hardwick, N5VCX

For the beginning of 1994 there will be several events that B-VARC will be involved in. The K-9 Fun run will be on Sunday, March 13, in downtown Houston and will require about 12 hams to work the event. Of course one of the big events of the years, the MS150 bike ride to Austin, is going to be held on April 23 & 24. This event will need about 45 hams to work the event for both days. There will be positions open for half days, all day as well as both days. There may be some changes made that may help out on the dead spots that are along the course. On May 1, 1994 the ALA Clean Air bike ride will happen and the events coordinator told me she is expecting upwards of 3,000 riders this year. In 1992, when the ride was held there were about 1,500 riders. If you would like to volunteer for any of the above events, please call me at 662-6800 or 443-8636 and I will be glad to sign you up. See you at the events - N5VCX

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BVARC AWARDS BANQUET BRINGS

OUT A CROWD

By Betty Wilcox, KA0TEN

BVARC members and their spouses or friends enjoyed the annual BVARC awards banquet held on January 27, 1994. The fellowship was wonderful, and the food was very good. On behalf of BVARC, the Doctor Bill Award for the Outstanding V.E. Team participant was presented to Henry Morrison, W5RIY, by Harold Parker, ND5F. The Order of the Key Award, for Outstanding Contributions to the Progress of BVARC, was presented by Randy Pollard, AK5G, to Vincent Orlando, WA5ETS, and Bill Dessons, N5KXU. Charlie Prochaska, KG5KV presented the Loop and Zepp Award, for Outstanding Efforts in the Promotion of HF Operations, to Al Zermano, KK5W.

Throughout the evening tickets for over thirty door prizes were drawn. Bruce Paige, KB5ZRB, donated many of the door prizes, as did Les from Gadgeteers, Bud Kir N5UOG, and Michael Ricco, N5YKR. Yaesu donated a box of log books to be given out to anyone who wanted one.

Claudia Kozinetz, N5VCZ, and Allen Mattis, N5AFV, presented mugs to the hams who participated in the Houston-Tenneco Marathon. The 1993 officers were recognized, and Doug Holley, KE5SR, presented the 1993 President's plaque to me, KA0TEN. Doug, as the new 1994 BVARC President, had a few words to say about his goals for 1994. After a lot of good fun, good food, and good fellowship, the festivities were concluded for another year.

Special thanks go out to Bud King, N5OUG, and the Houston Engineering and Scientific Society (H.E.S.S.) for allowing us to hold our annual awards banquet at the H.E.S.S. facility.

JANUARY BOARD MEETING

by Bud King, N5UOG

quorum of the B-VARC Board of Directors met at the Sugar Land Community Center on January 6, 1994. This was the first meeting of the Board of Directors for the 1994 calendar year. The following Board members were in attendance; Doug Holley, KE5SR; Mel Thatcher, KB5ION; Betty Wilcox, KA0TEN; Sam Wilson, N5CPA Victor Richard, N5NAS; Claude Sessions, K5HFI; and Bud King, N5UOG.

President Doug Holley, KE5SR, opened the meeting at 7:30 P.M. The minutes of the December 2nd meeting were submitted by Bud King, N5UOG, and approved unanimously. Carl Hacker, KB5LDY, reported that all of the positions required to man the Houston-Tenneco Marathon had been filled.

Mel Thatcher, KB5ION, indicated in his report on the Rag Chew Net that the number of participants had increased in the last few weeks. One week he recorded 23 check-ins. He was pleased to check in a Maritime Mobile off the coast of Guatemala; a West Virginia station; and one located in the Catskill mountains. Mel thanked Doug Holley and Sam Wilson for their assistance in taking over as Net Control when he was unable to perform those duties.

Sam Wilson, N5CPA, reported that the club ended the 1993 year with a membership of 274 paid members. To date 137 members had paid their 1994 dues.

Harold Parker, ND5F, in absentia, volunteered to head up the B-VARC V.E. team again this year. The board was unanimous in accepting Harold's kind offer as he has done such a fine job the past year. Doug Holley, KE5SR, brought to the board's attention that it would be desirable to have a corporate sponsor to aid in the printing and production of the Bulletin. Claude Sessions, K5HFI, stated that he had discussed this with his supervisor and was asked to make a formal written request.

The following items were tabled for discussion at the next Board meeting: the use of Bulk mail for delivering the Bulletin, and the appointment of a special events chairperson.

Discussion was held regarding the Sidewalk sale. The club had received a letter from the State Comptroller's office regarding the collection of sales tax during events such as the sidewalk sale. A motion was made, seconded, and passed that B-VARC would not sponsor any such "Sidewalk Sales". Betty Wilcox, KA0TEN, volunteered to send out a special mailing regarding this decision.

Doug Holley, KE5SR, adjourned the meeting at 9:50 PM.

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Lou Kronberg
Chairman of the Board
WSIH

DRIFTNET BOUYS IN THE GULF OF MEXICO

by Allen Mattis, N5AFV

The controversy over the use of driftnets for commercial fishing involves amateur radio because some of the radio buoys used to mark the location of driftnets transmits signals in the 160 meter amateur band. Whether one subscribes to the arguments against use by fishermen of these so-called "curtains of death" or not, the fact is that some of the marker buoys wrongfully transmit signals on amateur radio frequencies.

Al Underwood of Silver Springs, NY, has been one of the most outspoken critics of the use of these driftnet buoys. Underwood has written numerous letters to the FCC, the ARRL, the United Nations, and anyone else he feels could help with the problem. The buoys were logged in the range of 1620 to 170 kHz, but since that time, they have been slowly moving upward in frequency. A recent issue of the Longwave Club of America's newsletter, The Lowdown, contained buoy loggings from 1622 to 1967 kHz. Many of the loggings were in the 160 meter amateur band. Underwood and others hope that by documenting the presence of these radio buoys on amateur frequencies, the ARRL or the FCC will finally become involved in this infringement of the amateur radio spectrum.

When I read about the driftnet buoys controversy, my interest was piqued. I was curious about the use of driftnet buoys in the Gulf of Mexico. The published loggings I had seen were mostly from the East Coast, with a sprinkling from the West Coast. I decided to see what I could hear from Houston. Without a great deal of effort, I was able to log buoys between 1640 and 1700 kHz. To date, I have not logged any buoys in the 160 meter band, but that does not mean that there are none.

It is sometimes difficult to log driftnet buoys. The buoys are rated at either 3 or 6 watts, and typically send CW identifier followed by a long dash 3 or 4 times and then goes silent for a four minute period. If the frequency is tuned during the silent period, the buoy is not heard. The CQ identifiers consist of 3 to 8 alpha-numeric characters. The accompanying table lists the buoys I have logged.

Are there driftnet buoys operating on a 160 meters in the Gulf of Mexico? It is not possible to tell from the monitoring I have done. If you are interested in hearing what a driftnet buoy sounds like, listen between 1640 and 1700 kHz in the evening after dark. If you hear any buoys, please let me know especially if they are in the 160 meter band. I will pass on any driftnet buoy loggings I receive to Al Underwood, and watch for future updates on the driftnet buoy controversy.

Driftnet Buoys Logged by N5AFV from Houston, TX

<u>FREQ</u>	<u>ID</u>	<u>Date/UTC</u>
1653	9W233	10/10/93-0256
1663	B468	12/20/93-1132
1672	9W252	12/26/93-250 1/21/94-0320
1683	KA90133	12/23/93-0407
1692	AA48	12/20/93-1139, 1620
1698	8W078	12/23/93-0314

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JANUARY EXAM RESULTS

by Harold Parker, ND5F

B-VARC again sponsored and administered the ARRL's Amateur Radio Examinations that were held on Tuesday evening, January 11, 1994 at Strake Jesuit College Preparatory in Houston.

V.E. TEAM:

Ron Grimes, WA5SCE
Harold Parker, ND5F
Joe Ross, AA5BD

Assistants:

Carl Albrecht, AA5JW
Craig Culver, AB5OK
Cass Germany, KG5IT
Irene Gordon, N5AYX
Don Schexnailder, AB5IV

A total of 43 exams were administered during the evening to 21 applicants. Ten (10) unlicensed candidates received their new licenses: 1 Novice, 1 Technician Plus and 8 Technicians. Three (3) others upgraded with a total of 24 elements passed. The overall "pass rate" for the evening was 56%. Congratulations to the following who upgraded and/or passes exams.

Grant Adams - Technician
Brenda Andrews - Novice
Michael Blankenship - Element 2
Marc Chung - Element 2
Robert Dinklage III - Element 3B
Ron Eisenbrey KC5DFX - Advanced
Christopher Frank - General
Sanjuana Frank - Element 2
Cynthia Hinton - Technician
Kevin Hinton - Technician Plus
Michael Kimmey - Technician
Donald Langman - Technician
Patricia Layton - Technician
James McCartney - Technician
Gene Morris - Technician Plus
James Royce - Technician
Alexander Schroeder - Element 2
Kenneth Stevens - Technician

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.

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THE WORLD OF TEN TEN INTERNATIONAL

By Al Mattis, N5AFV

The top news of the month for Ten Ten members concerns the large number of chapters that have gone QRT in the past few weeks. High Rollers (NV), Mid-Lid (MI), Crossroads Village (MI), and Iowa Hawkeyes (IA) have folded. In addition, Colorado Big Horn (CO) and Harborites (WA) are looking for new chapter heads and/or certificate managers, or they may also soon go QRT. The certificate manager for the Fort McHenry chapter (MD) recently asked to be replaced, and fortunately, someone stepped forward to take over. If more members of the various chapters would step forward to pick up part of the work load, the number of chapters going QRT would be reduced. The increases of activity on the band during the last solar cycle has taken its toll, and the leadership of many Ten Ten chapters suffers from "burn out."

The Space Houston On Ten (SHOT) chapter recently reduced the requirements for the chapter awards program. The decline in propagation conditions had made it difficult for members to qualify for higher awards, and the requirements were reduced. A similar reduction was made during decline of the previous solar cycle. Anyone wishing a copy of the new award requirements may receive one by sending the certificate manager, N5AFV, an SASE. During the past month, Claude Sessions, K5HFY, and Bud King, N5UOG, joined the S.H.O.T. chapter. The chapter extends a hearty welcome to both Claude and Bud.

Ten Ten paper chasers continue to be active on 28.345 MHz and 28.825 MHz. Ten Ten chapters with specials for paper chasers this month include GB Ten (DX), Restoration Project (BC), Branding Iron II (TX) and Busy Bee (CA).

The War Eagle chapter in Iowa has announced that they now have a 10 meter FM repeater on 29.620/520 MHz. The repeater uses the call KOAAR, and is an open repeater. If the band is open, or you find yourself in the Sioux City area, give the repeater a try.

The Ten meter band is now in a pattern of winter propagation. Propagation is not always good, but when the band is open, propagation has been excellent. Consistent openings to the West Coast and occasional openings to New England have been the rule. DX is not as frequent or strong as it was last year, but none the less it can be worked.

Mayotte, an island off the east coast of Africa near Madagascar, was recently worked on the ten meters from Houston.

Remember, the Houston S.H.O.T. (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 into the net. There are a lot of exciting activities in Ten Ten, and many friendly people can be found on the ten meter band.

WRITE FOR THE BULLETIN

by Kelley Hughes, N5ULZ

As the new Editor-in-Chief of the BVARC Bulletin, I would like to take this opportunity to solicit articles and newsworthy items for inclusion in the Bulletin. All articles contained within this newsletter are furnished by club members. If there is a certain aspect of Ham radio which interested you, write an article about it! Chances are it will be of interest to others, also. Don't worry if the spelling or grammar is off a little, that's what editors are for! The BVARC Bulletin is only going to be as good as you make it, so give it your best shot.

We are also open to new ideas regarding the newsletter. Several suggestions have been forwarded such as a Question and Answer section and a Classified section. These ideas, and others, are being considered. If you have a suggestion, don't be shy! The Bulletin will normally be sent out immediately after the monthly Board meeting. The deadline for all articles and information for inclusion in the Bulletin is the 25th of the preceding month. Many of you are using computers for writing the articles you submit. As anything which is mailed or faxed to me I must re-type into my computer, the easiest way for me to utilize these would be for you to save your article as ASCII text on a 3.5" floppy disk and mail it to me. Your disks will be returned. If you don't have a computer, you can mail your article to me at 1634 Middlesbrough, Missouri City, TX, 77459, or you can FAX it to me at 499-0279. If you have access to CompuServe, you can send your article to me via Email User ID 72603,623. On Internet, you can send me files/messages at "72603.623@compuserve.com".

1993 ATTENDANCE ROSTER B-VARC GENERAL MEETINGS

		O C T	N O V	D E C				
AA5JW	Carl Albrecht		X	X	N5AFV	Al Mattia		X
N5KTN	Arthur Alvarez			X	KA5DKS	Ken McAninch		X
KC5CJD	Tom Bailey	X			N5UGG	Excercia McCasland		X
KB5YPC	Bill Brown	X	X	X	N7ZBV	Mike McCasland		X
KB5KLY	Don Brown, Sr.			X	KC5CWQ	John Moore	X	X
KB5TBZ	Jim Cahalan			X	K5HOY	Joanne Morphew	X	
KC5CHX	John Carrig			X	KB6GHT	Tony Morelli		X
WD5L	Rick Covert		X		KC5BQT	Larry Nix	X	X
AB5OK	Craig Culver		X		KD4IWB	Pete Norris		X
WB8SVR	Carl Cunert			X	N5TBI	Max North		X
W5UQX	Carl Curry		X		WA5ETS	Vincent Orlando	X	X
KC5AK	Don Daze		X	X	KB5ZRV	Bruce Paige	X	X
N5ATV	Richard Daze			X	ND5F	Harold Parker	X	X
WA5DWX	Bill Denton	X				Mary Ann Parker		X
N5KXU	Bill Dessens	X	X	X	AK5G	Randy Pollard	X	X
	Jason Dillon		X		KB5VTB	Larry Potest		X
N5JBL	Stephen Dunkelberger	X	X	X		Mike Press		X
WB4LZG	Glenn Edwards	X			N5VOY	Bret Prichard		X
KC5DFX	Ron Eisenbrey			X	KG5KV	Charlie Prochaska	X	X
W5LK	Ed Evans	X	X	X	N5YKR	Michael Rocco		X
N5EXH	Frank Ewing		X	X	N5NAS	Vic Richard	X	X
N5XVZ	Rick Fitch	X	X	X	KJ5JA	Kenny Richmond		X
KB5TOJ	Michael Gentle			X		Amy Rios		X
W5GHK	Allen Glueck		X		KB5VUK	Louis Rios		X
	Becky Glueck		X			Ronny Risinger	X	X
WA5OEN	Sandra Gottlieb	X	X		KC5BZA	Tina Risinger	X	X
A5SCE	Steve Gottlieb	X	X		KB5TMY	Jack Roberts		X
KB5LDY	Ron Grimes	X			N5VRP	Dennis Rogers		X
N5VRR	Carl Hacker			X	N5XGT	Gene Russell		X
	Don Hadley	X	X	X	KB5CYO	Michele Russell		X
	Reeda Hadley		X		AB5IV	Don Schexnaider	X	
WB5SRN	Dick Hagerman		X		N5VRO	David Schrauck		X
	Deborah Hardwick	X			WA5G	Steve Schuster		X
N5VCX	Mike Hardwick	X	X	X	KC5CIV	Frank Seay	X	
	Bob Harper	X			KB5VSY	Frank Secor	X	
KB5WZI	Richard Harrison	X	X	X	K5HFY	Claude Sessions	X	X
KC5DJL	Mark Holbert	X			WA4SBS	Dott Smith	X	X
N5JQH	Paul Holcombe				KB5EXM	Irv Smith	X	X
KE5SR	Doug Holley	X	X	X		Liz Smith		X
	Marie Holley		X		KB5ZKO	Don Sommer	X	
WD5GAZ	Walter Holmes			X	N5RKM	Ted Sumerlin		X
KD5GM	Louis House	X				James Sumrall	X	X
	Carol Hunter	X			K5DIY	David Tarrant		X
	Joe Hunter	X			AB5LT	George Taylor		X
N5RZN	Emmett Jackson	X	X	X	KB5ION	Melvin Thatcher	X	X
KC5CWS	Guy Jackson	X	X	X		Raymond Tiffany		X
N5YKV	Marc James				KB5UPZ	Leon Toler	X	X
KB5YTA	Dwayne Jones			X	KD5JC	Ed Truitt	X	X
KG5CB	Bill Kemp			X	KA5SSF	Sarah Truitt	X	
N5XGW	Charles Keng			X	K5GQ	Mark Tyler	X	
KC5EAX	Joe Kennedy			X	WN5A	Jack Van Demark	X	
N5UOG	Bud King	X	X	X	AB5KK	W. S. VanDevender	X	
AB5LI	Bob Kline					John Vaughn		X
KB5VTE	Greyson Knapp			X	WB5IBT	Don Wade	X	X
N0BNA	John Koppenhaver			X		William Wantuck		X
N5VCZ	Claudia Kozinetz		X		KB5ZBR	John Wardlow	X	X
JOUT	Dick Kruse		X	X	N5XWB	Donn Washburn	X	X
N0OSC	Elton Kytie	X		X	N5ZUE	Gerald Webb	X	X
N5PTN	Michael Lay	X			KF5ZL	Bob White		
	Patricia Layton	X	X		KA0TEN	Betty Wilcox	X	X
KB5TIB	Thomas Layton	X	X		N5YYP	Larry Wilson		X
K5LTW	Greg Lefebvre	X	X	X	N5CPA	Sam Wilson	X	X
					KB5OLG	Ed Winston	X	X
					KC5EHF	Robert Withner		X
					W5GLD	Frank Wood	X	X
					K1SW	Al Zermeno	X	X

1994 B-VARC PUBLIC SERVICE HONOR ROLL

Compiled by Claudia Kozinetz, N5VCZ

The only 1994 Event has been the Houston-Tenneco Marathon on January 16, 1994

A. Houston-Tenneco Marathon

Cheek, Ralph	KB5DNT	A	Micnhimer, Terry	N5YKS	A
Cox, Lawrence	N5OUZ	A	Morrison, Henry	W5RIY	A
Culver, Craig	AB5OK	A	North, Max	N5TBI	A
Daze, Don	KC5AK	A	Orlando, Vincent	WA5ETS	A
Dessens, Bill	N5KXU	A	Parker, Harold	ND5F	A
Dillard, Ray	WA5F	A	Pollard, Randy	AK5G	A
Dunkelberger, Steve	N5JBL	A	Roberts, Jack	KB5TMY	A
Gentle, Michael	KB5TOJ	A	Smith, Irv	KB5EXM	A
Hacker, Carl	KB5LDY	A	Starr, Oraida	N5WMA	A
Hagerman, Dick	WB5SRN	A	Stiver, Esther	KB5URT	A
Hardwick, Mike	N5VCX	A	Stiver, Frank	N5TGM	A
Hughes, Kelley	N5ULZ	A	Taylor, George	AB5LT	A
Jackson, Emmett	N5RZN	A	Truitt, Ed	KD5JC	A
Jones, Dwayne	KB5YTA	A	Turner, David	WB5TCW	A
Keng, Charles	N5XGW	A	Wade, Don	WB5IBT	A
King, Bud	N5UOG	A	Wardlow, John	KB5ZBR	A
Kozinetz, Claudia	N5VCZ	A	White, Bob	KF5ZL	A
Levy, Larry	WD5DRB	A	Wilson, Bill	KA5GHI	A
Mattis, Allen	N5AFV	A	Winford, Clem	WB5SHU	A

Please report any corrections to N5VCX

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