



## B-VARC BULLETIN

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

Editor in Chief: Vincent Orlando, WA5ETS 774-7651 (0800-2100 hrs)

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, please call the Houston Amateur Radio Helpline (713) 488-4HAM (488-4426). For information about joining the club, contact Randy Pollard, AK5G, at (713) 667-5123.

Volume: 16 Issue: 8

August 1993

ADDRESS CORRECTION REQUESTED

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



### B-VARC MEETING SCHEDULE

Thurs, Aug. 12	General Membership Meeting
7:30 pm	Sugar Land Community Center
	<i>Annual Summer Ice Cream Social</i>
Thurs, Sept. 2	Board Meeting
7:30 pm	Sugar Land Community Center

Allen Mattis N5AFV  
5314 Wigton  
Houston, TX 77096

# August 1993

## B-VarC Calendar of Events

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 7:30pm South Texas ARES Net 3.873	2 7:30pm 34-94 Swap Net 146.94 8:00pm ARES 147.30 8:00pm Ft. Bend County Emergency Net 145.49 9:00pm B-VarC Net 145.47 & linked repeaters	3 8:00pm 10-10 SHOT NET 28.488 10:00pm AMSAT 147.10	4 8:00pm B-VarC Rag-Chew 3.960 (Busy? +3 KHz)	5 6:30pm RACES AMTOR Net 7.080 7:30pm Board Meeting: Sugar Land Community Center	6 8:00pm S.H.O.T. Chapter Contest Net 28.488 mhz	7 7:30am B-VarC Breakfast 9:00am Hou Emergency Mgmt Net 146.84 (9:30 on 3.905) 8:00pm S.H.O.T. Chapter Contest Net 28.488 mhz 8:30pm C.W. 147.32 <b>10-10 QSO Party</b>
8 1:30pm Texas State RACES Net 7.248 7:30pm South Texas ARES Net 3.873 <b>10-10 QSO Party</b>	9 7:30pm 34-94 Swap Net 146.94 8:00pm ARES 147.30 8:00pm Ft. Bend County Emergency Net 145.49 9:00pm B-VarC Net 145.47 & linked repeaters	10 7:00pm Amateur Exams (Strake Jesuit College Prep) 8:00pm 10-10 SHOT NET 28.488 10:00pm AMSAT 147.10	11 8:00pm B-VarC Rag-Chew 3.960 (Busy? +3 KHz)	12 7:30pm General Meeting: Sugar Land Community Center	13	14 7:30am B-VarC Breakfast 9:00am Hou Emergency Mgmt Net 146.84 (9:30 on 3.905) 8:30pm C.W. 147.32
15 7:30pm South Texas ARES Net 3.873	16 7:30pm 34-94 Swap Net 146.94 8:00pm ARES 147.30 8:00pm Ft. Bend County Emergency Net 145.49 9:00pm B-VarC Net 145.47 & linked repeaters	17 8:00pm 10-10 SHOT NET 28.488 10:00pm AMSAT 147.10	18 8:00pm B-VarC Rag-Chew 3.960 (Busy? +3 KHz)	19	20	21 7:30am B-VarC Breakfast 8:00am Sidewalk Sale 9:00am Hou Emergency Mgmt Net 146.84 (9:30 on 3.905) 8:30pm C.W. 147.32
22 1:30pm Texas State RACES Net 7.248 7:30pm South Texas ARES Net 3.873	23 7:30pm 34-94 Swap Net 146.94 8:00pm ARES 147.30 8:00pm Ft. Bend County Emergency Net 145.49 9:00pm B-VarC Net 145.47 & linked repeaters	24 8:00pm 10-10 SHOT NET 28.488 10:00pm AMSAT 147.10	25 8:00pm B-VarC Rag-Chew 3.960 (Busy? +3 KHz)	26	27	28 7:30am B-VarC Breakfast 9:00am Hou Emergency Mgmt Net 146.84 (9:30 on 3.905) 8:30pm C.W. 147.32
29 7:30pm South Texas ARES Net 3.873	30 7:30pm 34-94 Swap Net 146.94 8:00pm ARES 147.30 8:00pm Ft. Bend County Emergency Net 145.49 9:00pm B-VarC Net 145.47 & linked repeaters	31 8:00pm 10-10 SHOT NET 28.488 10:00pm AMSAT 147.10				

## Notes from the President . . .

by Betty Wicox, KAØTEN

Field Day is old news to some hams, but for those who don't know, it was a raging success. We had 481 voice contacts and 131 CW contacts. These included one packet, 15 VHF/UHF, and 2 satellite contacts. The results are in the mail to ARRL.

A debt of gratitude goes to all those brave souls who assisted in putting up the TH-6 Tri-band beam, but a special "Thank You" to Charlie, KG5KV, who took it as a personal challenge when confronted with great difficulty and overcame it. Watching our hams put up that tower, anchor it to near-by trees, and then climb that tower was an interesting sight.

Doug, KE5SR, made arrangements for yummy catered barbecue with all the trimmings, and Vick, N5NAS, came through with a great breakfast for the hardy hams, those who stayed the night or came back early.

While we didn't try to win anything, we can be proud that B-VARC is ready for a real emergency. If you didn't come out for Field Day, you really missed a great event.

Carl, KB5LDY, and Al, KK5W, met with the American Red Cross in an attempt to help them get an emergency communications plan in place for the greater Houston area. ARC is attempting to provide better services in the event of an emergency and, like us, are trying to get it in place while in a non-emergency status. They have appealed to all hams for assistance in setting up a disaster communications network. Carl and Al will provide a series of seminars designed to sharpen your communication skills and knowledge of formal traffic handling procedures as outlined by ARRL. Most of this type of communications will be handled on VHF/UHF channels and there will be a great need for trained operators having these privileges. I think this is a great opportunity for no-code techs to show their stuff.

Some things are better left unsaid, and possibly this is a good suggestion for those people encountering the persistent and ever-annoying squirrel. He gets his thrill by making hams angry enough to come back and say something. Sometimes, it is a good policy to conveniently deaf. No comment, or no response does not reward the bad behavior. This naughty child needs to be ignored, until caught.

### B-VARC RAG CHEW CHECK-INS

3.960 MHz 8:00 pm Wednesdays

Compiled by Melvin Thatcher, KB5ION

*July 7, 1993*

KE5SR NCS, KB5LFU, WA9YNJ, N5KXU, KK5W, W5GLD, W5IHY, N5OAC, N5UOG, KG5KV, AB5OK, N5RFV, W5GHK, KI5SC, KB5ION

*July 14, 1993*

KB5ION NCS, KE5SR, AB5OK, N5OAC, N5AFV, KI5BA, KG5KV, WA5OEN, N5WMB, K5CNU, W5IHY, W5GHK

*July 21, 1993*

W5GHK NCS, KE5SR, AB5OK, KB5ION, N5AFV, K5CNU, KB5TIB, KI5SC, N5OAC, N5UOG

*July 28, 1993*

KB5ION NCS, AB5OK, W5GLD, KE5SR, W5EFB, N5CPA, N5OAC, W5IHY, KI5SC, KB5LDY, KB5TIB, N5AFV, KB5TYF, W5GHK, WN5A, WA5TWL

*August 4, 1993*

KE5SR NCS, KB5ION, N5AFV, KB5VTB, N5WMB, N5OAC, KI5SC, N5UOG, W5GHK, W5GLD, W5IHY, KA5GLR

August is the month for our ice cream social. See article written by Dick, N5OUT, in this *Bulletin* for more information.

Our *Bulletin* has been faithfully and expertly handled by Vincent, WA5ETS, for several years. He feels a need to share this responsibility with other hams when his term of office expires at the end of December. If you have an interest in becoming involved with the publication of the newsletter, I'm sure that Vincent would be pleased to share with you any general information and more specific details if your interest increases. My guess is that there should be some supervised training sessions, and you might not want to wait until January to speak up. But this is not my area of expertise, so please contact Vincent.

That's all, folks! See you at the August meeting. Bring your appetite, YL/OM and harmonics.

73 de Betty



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### **The World of 10-10 International** by Al Mattis, N5AFV

During the past decade, there has been a close relationship between B-VARC and the Houston S.H.O.T. chapter of Ten Ten International. This relationship has been due in part to the fact that many Houston area amateur radio operators belong to both organizations. The S.H.O.T. chapter has always been grateful for the support B-VARC members have given the chapter.

The Houston S.H.O.T. chapter is asking for help from all area amateurs in the upcoming 1993 Summer Phone QSO Party which will be held August 7-8, 1993. The long string of QSO party wins by the chapter has apparently come to an end. The last phone contest was the 1993 Winter Phone QSO Party held February 6-7, 1993. The official results have not yet been announced, but the S.H.O.T. chapter has received unofficial word that the City of Lights chapter in Illinois won the QSO party. Official results will appear in the *10-10 International News*, which should be mailed to members within the next few weeks.

If you are a S.H.O.T. member, please consider participating in the QSO party. If you have been thinking about getting a ten ten number and joining the chapter, do it now! Even if you do not have a ten ten number, you can help S.H.O.T. Please check into the nets that will be held Friday and Saturday evenings during the QSO party on August 7th and 8th. The nets will be held at 8 pm on 28.488 mhz. Contacts with operators who do not have ten ten numbers are worth one point to S.H.O.T. members. Don't miss out on the fun and excitement of the QSO party.

If you do not have ten ten number, it is easy to qualify for one. All that you need to do is work ten members over the air on ten meters and record their call sign, name, QTH, and ten ten number. This information is sent to the 5th district manager, K5MRU, along with a \$7 fee. The cost includes a membership certificate, 4 issues of the *10-10 International News*, and dues for one year. One place to pick up ten ten numbers is on the S.H.O.T. net.

Remember, the Houston S.H.O.T. net meets every Tuesday evening at 8:00 local time on 28.488 mhz. All amateurs are welcome to check in, even if they do not have a 10-10 number. If you are not a member of 10-10 International and wish to join organization, please check into the net. There are a lot of exciting activities in 10-10, and many friendly people can be found on the 10-meter band.

73 de N5AFV

### **B-VARC Board of Directors Meeting** **Minutes, July 1, 1993** by Bud King, N5UOG

A quorum of the B-VARC Board of Directors met at the Sugar Land Community Center on July 1, 1993. This was the seventh meeting of the Board of Directors for the 1993 calendar year.

The minutes of the June 3rd meeting were submitted by Bud King, N5UOG, and approved unanimously by those present.

Club Treasurer, Sam Wilson, N5CPA, reported a balance of \$4,427.67 in the treasury as of June 1993. The Treasurer's report was approved unanimously.

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Club President Betty Wilcox, KAØTEN, called the meeting to order at 7:30 P.M.

Vice President Doug Holley, KE5SR, confirmed the July 17th date for the B-VARC campout. This event will be held at Stephen F. Austin State Park as it was last year.

Carl Hacker, KB5LDY, reporting for the Public Service Committee, stated that the following events and dates were being firmed up:

Alamo Challenge	October 2-3
24K Warm Up	November 21
30K Warm Up	December 11

Claudia Kozinetz, N5VCZ, has supplied Bret Pritchard, N5VOY, with a list of B-VARC members in order that he may request their help for the Katy Flatland event, being held on July 25.

Craig Culver, AB5OK, reporting on the Rag Chew Net for Mel Thatcher, KB5ION, stated that the check-in's continued to hold from 10 to 15 each session.

An overview of Field Day presented by Al Zermeno, KK5W, included the following subjects:

Reasons why Field Day site was changed

Types of equipment, antennas and procedures used

The number of contacts made with the various pieces of equipment

Recommended actions on future site selections and the timely publishing of same including an alternate site which could be used in an emergency

Conclusions reached that B-VARC had satisfied the requirements for Field Day

Appreciation to all participants who pitched in to make the Field Day a success

A new business, a committee on "Transmitter Hunts" was established.

President Betty reminded the Board that the August meeting was being chaired by Dick Kruse, N5OUT,

and was the famous B-VARC Ice Cream Social night. She also stated, proudly, that the membership count had reached 246.

The Meeting was adjourned at 9:00 P.M.

## Ice Cream Social, August 12th!

by Dick Kruse, N5OUT

Our annual Ice Cream Social is one of the most popular events in our club, and we're having it at our regular meeting, August 12, 1993. My goal is to see if we can't all get into sugar shock by eating our fill and then some.

I'm still in need of ice cream and other goodies for the meeting. This event only works if we all help out a little. If you can bring ice cream, preferably home made, or would prefer to bring a cake, cookies, or toppings, please give me a call at 530-0470 so that we can get it organized.

You may have had to miss some of our other meetings, but this one is a must. Come join in the fun. All are welcome.

## Results of the July Amateur Exams

by Harold Parker, ND5F

B-VARC again sponsored and administered the ARRL's Amateur Radio Examinations that were held on Tuesday evening, July 13, 1993, at Strake Jesuit College Preparatory in Houston.

### The V.E. Team

Carl Albrecht, AA5JW  
Henry Morrison, W5RIY  
Steve Moynihan, AA5LF

### Assistants

Craig Culver, AB5OK  
Cass Germany, KG5IT  
Irene Gordon, N5AYX  
Harold Parker, ND5F  
Don Schexnailder, AB5IV

A total of thirty-seven exams were administered during the evening to twenty-one applicants. Seven unlicensed candidates received their new licenses:

one technician and six "codeless" techs. Three others upgraded with a total of twenty-four elements passed. The overall "pass rate" for the evening was sixty-five percent.

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

David Altman — Technician  
John Ashmore, KI5WV — Element 4B  
Sajid Baloch — Element 2  
Robert Bates, Jr. — Element 2  
Joseph Cody — Technician  
Esteban Cordova, KB5TAJ — Element 3B  
David Ginsburg — Technician  
Guy Guillet, KC5AGW — General  
James Horner — Element 2  
Guy Jackson — Technician  
George Lolley — Technician  
John Moore — Technician  
Thomas Nickle, W3GNM — Element 4B  
Douglas Poteet, KB5VTB — Advanced  
David Scott, WD5RZA — Advanced  
Stephen Sinclair — 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.

73's ... ND5F

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### **B-VARC Public Service Events**

by Claudia Kozinetz, N5VCZ

The busy season soon begins for our club's participation in public service events. Three events which B-VARC has supported for several years are now on the docket. Please check your calendar and call Claudia Kozinetz, N5VCZ, at 789-9571 if you can volunteer your amateur radio expertise for one or all of the following events.

- ALA Alamo Challenge Bike Ride to San Antonio, October 2-3, 1993
- 25K Marathon Warm-up Run, Downtown Houston, Sunday, November 21st
- 30K Marathon Warm-up Run, First Colony, Saturday, December 11th.

Also, I would love to hear from you if you have suggestions, helpful hints, how-to's, etc. regarding the ALA Alamo Challenge Bike Ride to San Antonio. I have not participated in that event and need some expert advice!

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### **September *Bulletin* Deadline**

Articles and other material destined to be printed in the September issue of the B-VARC *Bulletin* should be submitted by no later than August 26th. Please send the material to Vincent Orlando, WA5ETS; 8900 Bellaire Boulevard; Houston, TX 77036-4699 or FAX (713) 774-6427.

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### **Project Beacon — An Update**

by Allen Mattis, N5AFV

It has been almost six months since we began Project Beacon last February. As most of you know, the project is a study of the possible effects of active faulting on radio propagation in the LF and MF non-directional beacon (NDB) band (200-500 khz). Original plans called for the project to last for approximately one year. There have been several developments regarding Project Beacon during the last few months that may be of interest to the members of B-VARC.

First of all, I have been very pleased by the support the project has received from many of you. Without this participation, there would be no Project Beacon, and I gratefully acknowledge your efforts in this project. The work of Ralph Cheek, Bud King, T.J. Layton, and Jack Roberts, who serve as primary monitors, has been the backbone of the project. An additional eleven B-VARC members serve as backup monitors when needed. I am also grateful to Frank Stiver and Al Zermeno for the many exciting and thought provoking discussions we have had about various aspects of Project Beacon.

A number of articles about Project Beacon have been published in various newsletters in the past few months. For the most part, these articles just told what the project was and what we planned to do.

The average time lag for these publications has been 2½ months, so the project was just getting off the ground when most of these articles were written. For this reason, the articles did not focus on project details. As many of you have heard, there was an earthquake and aftershock near San Antonio during March and April, and a number of project monitors detected a frequency shift in one of the selected beacons. An article has been prepared regarding these observations and should appear in the August issue of *Geo-Monitor*.

As a result of these articles, I have received a number of interesting letters and telephone calls. The telephone call from Charlotte King, the self-described "sensitive" who can allegedly predict earthquakes, was the subject of a previous article. I received a letter from a SWL who lives near Brownsville asking if he could be a project monitor. I also received a letter from an individual in the Pacific Northwest that I had been corresponding with who claims that Project Beacon was his idea. All of these people want to be associated with the project. Project Beacon has certainly caught the attention of a lot of people!

During the July 4th weekend, I had the misfortune of my L-101S converter and active antenna system developing a short circuit. This is the equipment that I use to monitor beacons. I mailed the unit to the manufacturer, LF Engineering, in East Haven, Connecticut, along with a note telling them that I needed it for use in Project Beacon. They had heard about the project and repaired the unit and returned it to me in 6 days! I do not believe that I would have received such prompt service if it had not been for Project Beacon.

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Southwest College of the Houston Community College System will present *Voice of the Prairie* by John Olive. This is a story about small commercial radio stations starting up in the Midwest just before and during the inception of the Federal Communications Commission. The program will be presented in the Forum, Stafford Campus, 9910 Cash Road, Stafford, on September 10, 11, 17, and 18 at 8:00 pm and September 12 and 19 at 4:00 pm. Admission is \$4.00. For more information contact John Corley at 499-0199 or 261-6696.



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## 1993 ATTENDANCE ROSTER B-VARC GENERAL MEETINGS

B-VARC GENERAL MEETINGS		M	J	J			
		A	U	U			
		Y	N	L			
N5FSJ	Greg	✓			KB5TIB	Patricia Layton	✓
AA5JW	Carl Albrecht		✓		WD5DRB	Thomas Layton	✓
K15WV	John Ashmore	✓	✓		N5VXU	Larry Levy	✓
W4FBG	Richard Atkinson	✓				David Litchford	✓
	Tom Bailey	✓			KC5ALR	George Loiley	✓
	Damon Barnett	✓			N5AFV	Al Ludwig	✓
KC5BAJ	Chris Blankenship		✓	✓	KA5DKS	Al Mattis	✓
AA5ZK	Bob Brigham	✓			N5UGG	Ken McAninch	✓
KB5YPC	Bill Brown	✓	✓	✓	N7ZVB	Excemia McCasland	✓
KB5KLY	Don Brown, Sr.		✓	✓	KG6JCM	Mike McCasland	✓
KB5YPB	Kelly Buckner	✓			KB5PZU	Scott McCasland	✓
KB5TBZ	James Cahanin	✓			N5WLY	Keith Megeff	✓
	Jim Carter	✓			KB5WYX	Robert Meyers	✓
KB5PAJ	Marion Chambers		✓		N5RBT	Rodney Miller	✓
K15SC	Michael Chambers		✓			Art Neumeyer	✓
N5OUZ	Lawrence Cox	✓			KD4IWB	Larry Nix	✓
KB5USL	Craig Culver	✓	✓	✓	WA5ETS	Pete Norris	✓
KC5AK	Don Daze		✓	✓	KB5ZRV	Vincent Orlando	✓
KB5WWW	Larry Daze		✓	✓		Bruce Paige	✓
WA3PMT	Steven Deaktor	✓	✓	✓	ND5F	Sebastian Paige	✓
N5KXU	Bill Dessens	✓	✓	✓		Harold Parker	✓
	Jason Dillon	✓		✓	KB5LFU	Mary Ann Parker	✓
	Sherry Duff		✓		AK5G	Roger Pokladnik	✓
N5JBL	Stephen Dunkelberger		✓		KB5VTB	Randy Pollard	✓
WB4LZG	Glenn Edwards	✓			KB5RZM	Lanny Poteet	✓
W5LK	Ed Evans	✓			KG5KV	Blake Present	✓
N5EXH	Frank Ewing		✓	✓		Charles Prochaska	✓
N5XVZ	Rick Fitch	✓	✓	✓	N5YKR	Rajesh Rao	✓
	Shannon Frazier	✓			N5NAS	Michael Ricco	✓
NL7PQ	Ian George	✓	✓		KB5TMY	Vic Richard	✓
	Karen Goodson		✓	✓	N5VRP	Jack Roberts	✓
KA5IJK	Mark Goodson		✓	✓	KA5FDK	Dennis Rogers	✓
	Sandra Gottlieb		✓	✓	K5CNU	Bernice Sellers	✓
WA5OEN	Steve Gottlieb	✓	✓	✓	K5HFY	Tom Sellers	✓
KB5LDY	Carl Hacker		✓	✓	WB5TKI	Claude Sessions	✓
N5VRR	Don Hadley		✓	✓	W9LCQ	Douglas Seyler	✓
	Reeda Hadley		✓	✓	N5PRC	Jay Seyler	✓
KB5WZI	Richard Harrison	✓			KB5EXM	Steve Skelton	✓
KB5UE	Terry Harrison	✓			KB5QYF	Irv Smith	✓
	Barbara Haywood		✓		KB5ZKO	Llew Smith	✓
	Abraham Hernandez	✓			N5WMA	Don Sommer	✓
N5JQH	Paul Holcombe		✓	✓	N5XWD	Oraida Starr	✓
KE5SR	Doug Holley	✓		✓	WB5VYR	Don Stevenson	✓
WA5TWL	John Holliman		✓	✓	AB5LT	Charles Taylor	✓
W5/FE6CNB	Remi Hutin		✓	✓	KB5ION	George Taylor	✓
	Guy Jackson			✓	KA5LPH	Melvin Thatcher	✓
	Chris Jungman	✓			KD5JC	Jerry Tripp	✓
KA0TEO	Roxy Keller		✓	✓	KB5ZKN	Ed Truitt	✓
N5UOG	Bud King	✓	✓	✓	WB5IBT	Clifford Tubbs	✓
AB5LI	Bob Kline		✓	✓	KB5ZBR	Don Wade	✓
KB5VTE	Greyson Knapp		✓	✓	N5XWB	John Wardlow	✓
	Naveen Korivi		✓	✓	N5ZUE	Donn Washburn	✓
N5VCZ	Claudia Kozinetz		✓	✓	KF5ZL	Gerald Webb	✓
W5IHY	Lou Kronberg	✓			N5UOA	Bob White	✓
N5OUT	Dick Kruse		✓		KA0TEN	Mark Widerstorm	✓
N05C	Elton Kytle	✓			WD5AJC	Betty Wilcox	✓
	Lee Lawson		✓	✓	J73TW	Dale Williams	✓
N5PTN	Michael Lay		✓	✓	N5CPA	Tony Williams	✓
					W5GLD	Sam Wilson	✓
					KK5W	Frank Wood	✓
						Al Zermeno	✓
						TOTAL:	58 75 65



# 1993 B-VARC PUBLIC SERVICE HONOR ROLL

Compiled by Claudia Kozinetz, N5VCZ

A. Houston Marathon  
B. K-9 Fun Run

C. TX Special Olympics, Area 22  
D. MS 150 Bike Tour

E. ALA Clean Air Bike Ride

Albrecht, Carl	AA5JW	D
Chambers, Marion	KB5PAJ	A
Chambers, Mike	KI5SC	A
Cheek, Ralph	KB5DNT	A,D,E
Conte, Frank	N5YKZ	A
Cox, Lawrence	N5OUZ	A,B
Creel, Fred	N5LYB	D
Culver, Craig	AB5OK	A
Dessens, Bill	N5KXU	A,B,C
Dillard, Ray	WA5F	A
Dunkelberger, Steve	N5JBL	A,B
Edwards, Glenn	WB4LZG	A,C,D
Edwards, Melanie	KB5KLH	C,D
Gordon, Irene	N5AYX	A
Hacker, Carl	KB5LDY	A,B,E
Hagerman, Dick	WB5SRN	A
Hardwick, Mike	N5VCX	A,B,D,E
Harris, Ron	N5MKO	D
Holley, Doug	KE5SR	C
Hughes, Kelley	N5ULZ	A
James, Mark	N5YKV	A
Kemp, Bill	KG5CB	D
King, Bud	N5UOG	A,B,C,D,E
Kozinetz, Claudia	N5VCZ	A,B,C,E
Lay, Michael	N5PTN	C,D
Layton, Thomas	KB5TIB	C
Levy, Larry	WD5DRB	A

Mattis, Allen	N5AFV	A
McCasland, Excemcia	N5UGG	C
McCasland, Mike	N7ZBV	E
McCasland, Scott	KG6JCM	C,E
Meyers, Robert	N5WLY	A
Morrison, Henry	W5RIY	A,C,E
North, Max	N5TBI	A,D,E
Orlando, Vincent	WA5ETS	A
Parker, Harold	ND5F	A
Pokladnik, Roger	KB5LFU	D
Pollard, Randy	AK5G	C,E
Roberts, Jack	KB5TMY	A,C,D
Rogers, Dennis	N5VRP	C
Smith, Irv	KB5EXM	A,D
Starr, Oraida	N5WMA	A,C,D,E
Stiver, Esther	KB5URT	A,B,C,D,E
Stiver, Frank	N5TGM	A,B,C,D,E
Tiemann, Thomas	KB5UEI	C
Toler, Leon	KB5UPZ	C
Turner, David	WB5TCW	A,E
Wade, Don	WB5IBT	A
Warden, Mike	WB3HZP	A
Washburn, Donn	N5XWB	A,B
Webb, Gerald	N5ZUE	B,D
Wilson, Bill	KA5GHI	A,D,E
Winford, Clem	WB5SHU	A

Please report corrections or additions to N5VCZ

## EPO

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## **Red Cross Communications Training**

A three-hour course designed for communications volunteers is being put together by the Red Cross Disaster Services Communications Team. Topics to be covered include: an orientation to Red Cross and its services; emergency traffic handling; communications operations in emergency shelters; equipment preparedness; and antennas for emergency operation.

The first session of this rather unique offering is tentatively scheduled for Saturday, August 21, at 9:00 am at the Red Cross facility on the Southwest Freeway between Buffalo Speedway and Kirby. Plan to attend for it promises to be interesting and useful.

For more information contact either Gene Whitehurst, WA5GZX, or Bill Brune, N5XWU, or check-in to the Red Cross Net on 147.32 at 9:00 pm on Tuesdays.

*We're all screaming for Ice Cream!*

