

THE ARCLITE

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FROM THE PREZ JANUARY, 2001 By Kaye Duncan

FROM THE PREZ JANUARY 2001

Let me start this first article of 2001 by wishing everyone a Happy New Year! Although there was not as much activity for all of us as there was last year (dare I mention Y2K), I hope that everyone had a good time ringing in the New Year.

I want to thank all of those that made the GARC Christmas Party a tremendous success. First, thanks go to Allen Yoder (KB5GME) for helping us secure an alternative location for the festivities. Secondly, I would like to thank Laura Richards (KD5KJC), Carol Fitzgerald (KC5CYR), Sharon Schroeder (KC5ZGK), and Jennilyn Schroeder (KC5YZK) for their help in coordinating the Pot Luck Social. In addition, a special thanks

goes to Jennilyn for her efforts in coordinating the musical activities for the evening. If you get a chance, check out the pictures of the evening located on the GARC web page at <http://www.qsl.net/garc/>.

There are several things that will be coming up in the next few months that I feel need to be mentioned. First, the annual Dallas County Skywarn School will be held at the Garland Performing Arts Center on February 24th, starting at 9: am. The GARC will hold a raffle again this year for a weather station, and we also will be taking membership renewals at that time. Since renewals are due in March, this is the perfect time to pay your dues.

Which leads me into an-



Where HAM RADIO IS FUN!!!

other subject. GARC Board elections are held in March, so if you are interested in a Board position, please let us know at the next meeting. I am hoping to have the Election Committee members determined by that time (If you would like to be on the Election Committee, please let me know).

Finally, the New Year brings with it a new slate of

(Continued on page 3)

1st Annual Christmas Light Contest.

If you erected a christmas light display in the previous holiday season and you took photographs please bring them to the January meeting.

The club has purchased a VERY handsome trophy to

award to the best entrant.

All pictures will be returned at the end of the meeting.

Email questions to kb5gme@ev1.net



2000 V.E. STATISTICS

=====APPLICANTS=====							!	=====ELEMENTS=====			
PARTIAL							!				
==DATE	==NEW==	UPGRADE==	UPGRADE==	FAIL==	TOTAL	!	PASSED=====	FAILED=====	TOTAL		
JAN00	== 06==	03	== 11	== 02	== 22	!	28	==== 10	==== 38		
FEB00	== 05==	02	== 28	== 04	== 39	!	44	==== 09	==== 53		
MAR00	== 05==	07	== 17	== 09	== 38	!	42	==== 16	==== 58		
APR00	== 02==	93	== 02	== 04	== 101	!	13	==== 05	==== 18		
MAY00	== 01==	04	== 00	== 00	== 05	!	02	==== 01	==== 03		
JUN00	== 04==	08	== 00	== 00	== 12	!	07	==== 04	==== 11		
JUL00	== 05==	04	== 02	== 00	== 11	!	11	==== 05	==== 16		
AUG00	== 05==	04	== 01	== 01	== 11	!	11	==== 05	==== 16		
SEP00	== 06==	06	== 00	== 02	== 14	!	10	==== 04	==== 14		
OCT00	== 04==	03	== 00	== 03	== 10	!	07	==== 05	==== 12		
NOV00	==	(NO EXAMINATION SESSION DUE TO THANKSGIVING)					!				
DEC00	== 06==	02	== 00	== 00	== 08	!	10	==== 06	==== 00		
=====								=====			
TOTALS==	49==	136	== 61	== 25	== 271	!	185	==== 070	==== 239		

AS SEEN FROM THE ABOVE TABLE, THE GARLAND AREA ARRL V.E. TEAM IS RESPONSIBLE FOR UPGRADING 136 AMATEUR AND CREATING 49 NEW AMATEUR RADIO OPERATORS DURING THE YEAR OF 2000. THE TEAM HAS PROVIDED SERVICES OF SOME KIND, INCLUDING SINGLE ELEMENT TESTING OR PARTIAL UPGRADING, TO 271 APPLICANTS.

- | | | | | |
|-------------------|-------------------|--------|--------------------|--------|
| EXAMINATION TEAM: | WAYNE BAIRD | AA5NE | ED PRASIFKA | KF5NQ |
| | TERRY BARLOW | AC5AX | WILLIAM RICHARDS | KM5VZ |
| | EUGENE L. BARNARD | W5QPP | JACOB SCHROEDER | AC5NA |
| | ROBERT BEAUDET | W1YRC | JENNILYN SCHROEDER | KC5YZK |
| | ROBERT M. BOND | W5LXN | WILLIAM RICHARDS | KM5VZ |
| | MARK COLLINS | KB5RXL | ALLEN YODER | KB5GME |
| | MIKE COLLINS | KJ5VL | WAYNE WILLIAMS | WT5J |
| | GERRY CRENSHAW | WD4BIS | JOHN WALKER | N1QXV |
| | JANET CRENSHAW | WB9ZPH | WAYNE LUSSMYER | N5LDD |
| | RANDY DUNNING | KC5QHH | ELVIN HARTMAN | KC5JEM |
| | JOHN KLIEWER | AC5NB | JIM LAWYER | AA5QX |
| | MAX MONDRAGON | KC5INV | WILLIAM HAMMON | KA5SOT |

ANYONE WISHING TO BECOME A TEAM MEMBER, PLEASE CONTACT K8DNE AND I WILL DO ALL THE PAPERWORK NECESSARY. THE BASIC REQUIREMENTS ARE THAT THE V.E. APPLICANT BE AT LEAST 18 YEARS OF AGE, AND HOLD AT LEAST A GENERAL CLASS AMATEUR RADIO LICENSE.

SUBMITTED BY: W. H. (BILL) REYNOLDS, K8DNE
 12-29-2000 GARLAND AREA ARRL LIAISON V.E.
 V. E. RECORDING = 972-475-9407
 E-MAIL= k8dne@airmail.net

Food For Thought 2001

Stanley Kubrick may have missed the date with his movie, but many of his ideas are taking shape. We have an International Space Station, Space travel is getting rather common place, at least from Earth to the ISS. Of course the Jupiter Mission space vehicle is still in the design phase. However; if you believe Walt Disney, "if you can dream it, you can do it". We know it will happen because it is happening. The work goes on and on, and the list just gets longer. Jules Verne dreamed up nuclear powered submarines, and underwater suits for exploration. A dream yes, reality YES. Kubrick dreamed about Space odysseys, and they are on the way. Limits, only in the minds of mankind with no vision. Kubrick dreamed up the HAL 9000 computer system with its almost human cognitive powers. I am not sure about your computer, but mine seem to be able to ask to many embarrassing questions. do you really want to do that, ETC...Or how many times have you

turned your computer on and had it tell you that you were bad the last time you turned it off ? I wonder if Stanley had much of an idea about the Internet or E-mail. For many of us it means sending letters to family members when we think we have no time to hand write or even call. Library research when we think we are to busy to go to the library itself. Progress ? Anybody's guess. As I like to say, by looking back at our past we can surely see what the future holds. What we do with it just might be the measure of our ability to dream and do. Personal communications is to some, completely out of control. We have gone from look at the neighbors, they just got a telephone, all the way to , forgot my money, but I can still get a soda from the machine with my Cell Phone....What happened to talking on the phone. Oh well, I think am getting old. I gave some consideration to generating a list of the technical things that have happened in my life time. After two hours, the list had become unmanageable, and I had not gotten out of the 1950'S. Yes

ear, some of us can remember that far back. What I am able to say is that it appears that there is little new being created, just a lot of refinement of how to use it. Rectifiers still rectify, amplifiers still amplify, oscillators still create wave forms, and switches still turn on or off. Not much of that has changed in my 50 plus years only how we use it. As I like to say, by looking back at our past we can surely see what the future holds. What we do with it just might be the measure of our ability to dream and do. Speaking of the ISS. For those of you who might like to listen to communications to/from the station, I am including the following info courtesy of K8DNE.. 143.625 station to W5RRR at the Houston JPL. Other frequencies are: Worldwide downlink(voice and packet) 145.800 Worldwide packet uplink 145.990 Region 1 voice uplink 145.200 Region 2&3 voice uplink 144.490 Tune in and be a part of history.... That is all for this month Peace and grace to each of you

-30-
Clay KC5MXN

TECHNICIAN CLASS STARTING

The tech class will start on the Tuesday Jan 23 at 7:00PM. Location is the ECC and the cost is free.

FROM THE PREZ CONT:

(Continued from page 1)
public service events to volunteer for. Check out John Galvin's (N5TIM) public service web page at <http://www.qsl.net/n5tim/> for the current list.

I hope that everyone can attend this month's meeting on January 22nd. The President of the ARRL, Jim Haynie (W5JBP) will be our Special Guest Speaker and will give us an update on "What's Happening at the ARRL". So, I hope to see you there. Until then.....73's, Kaye

Email Addresses for Event Coordinators.

Bob Jones, W5BJ - bobj1@airmail.net
 Clay Orchard, KC5MXN - mcorch@juno.com
 Jim Lawyer, AA5QX - aa5qx@airmail.net
 Doug Yates, AA5BP - yates@cyberramp.net
 Kaye Duncan, KC5JWB - kduncan@airmail.net
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 Jim Dye, N5JZ - N5jz@aol.com
 Theda Harrison, KC5QZZ - kc5qzz1@juno.com

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UPCOMING EVENTS

2001

January 27, 2001 - Dino Dash - Yearly walk, run in Dallas at Fair Park. Contact is Jim Galloway, N5MDI, jamesg@airmail.net or use Easy Sign-up email Form .

April 1, 2001 - MS Walks - Plano and Dallas, Texas.

April 28, 2001 - March of Dimes Walk - Annual March of Dimes walk at White Rock Lake, Dallas, Texas.

May 5-6, 2001 - MS 150 - The MS 150 bike ride. Same as 2000 with probable second day route change.

September, 2001 - JDF Walk - JDF walk at White Rock Lake, Dallas, Texas. Exact date to be determined.

VP-NOTES

HAPPY NEW YEAR !!!!

We made it. There are many who did not believe we would. We had a great year and there is no reason this club should not continue its growth and good works. We've had a year of many new HAMS, new members, and new upgrades. We provided many hundreds of hours of special event support for the City of Garland and other notable causes, including a marathon 4 full days of the Star Spangled 4 th of July. Guess whast, we are rewarded by getting the opportunity of doing it all over again.

It was a great year. I know that I can speak for Bob W5BJ, John N5TIM, and myself, along with others in saying a big thank you for supporting the various special events that we were involved in during the year 2000. Beginning with the Y2K party (hope I never hear that phase again). Events included but not limited to the following; Plano MS walk, Dallas MS walk, Walk America, Mesquite Bike ride,

ARRL field day, Star Spangled 4 th, Walk to cure Diabetes, Challenge bike ride, Christmas on the Square, and the Whit Rock Marathon. How many hours, just wait until the February meeting to get the year end report. We continue to support standing events such as; the monthly Garland siren tests, the monthly Rowlett siren tests, and the weekly Sachse siren tests, and the occasional final Friday fox hunts. Last but not least, we remember the hard work expended by our training department. conducting licensing classes and special project classes held at the E.C.C. We are a busy bunch of nuts. What can we expect? More of the same! As we inject new young blood into our club leadership. New ideas, new projects, and new leaders are what will keep this club alive and well. The more we do well, the more we are asked to do, thus the more we can work to keep our hobby alive. There is no plateau- you either go upward or you go backward. It has always been that way, and it shall al-

ways be that way. Up coming programs include, Jan 22 nd, Jim Haynie W5JBP(president of ARRL), Feb 26 th, W5BJ, N5TIM, KC5GNG, and K8DNE with activity reports for the past year. March brings elections, so get your dues paid up so you can vote. I thought about mentioning the calls signs of people who were strong workers for the past year. It was easy to start the list, but the end of the list rivaled the club roster. So just look at your copy of the roster and you will find the list of special folks. Thanks to each of you for a great 2000.

-30-

Clay KC5MXN V-Pres

ARRL VEC to Increase Test Fee for 2001

NEWINGTON, CT, Dec 4, 2000-- Now that the FCC has suspended its regulatory limit on the reimbursement fee for Amateur Radio examinations, the ARRL VEC has announced a \$10 test fee starting January 1. An FCC Public Notice released today explained that the Commission did not plan to announce a maximum reimbursement fee for 2001 since the requirement to do so no longer appears in the Communications Act. For now, the FCC says, it will suspend enforcement of the fee provision, which continues to appear in Part 97 of the FCC rules. Some, if not all, of the nation's other Volunteer Examiner Coordinators are expected to follow suit, although at least one VEC charges no test fee whatsoever.

ARRL VEC Manager Bart Jahnke, W9JJ, says the ARRL VEC's current fee of \$6.65 was based on the provision in the Communications Act, adopted in 1984, that established a \$4 cap on reimbursement of out-of-pocket costs with an annual adjustment based on the Consumer Price Index. The new, higher fee reflects the fact that the ARRL VEC is doing more of the work on behalf of the FCC than was originally envisioned when the provision was included in the Communications Act. That effort includes data entry for all new and upgrade license applications once done by FCC staffers. "The current system is better for the applicants because they get their licenses faster, but it's also more costly for us," said ARRL Executive Vice President David Sumner, K1ZZ.

ARRL VEC volunteer examiners will continue to charge applicants \$6.65 through the end of 2000.

The FCC Public Notice can be found at http://hraunfoss.fcc.gov:8888/edocs_public/attachmatch/DOC-207876A1.txt **

AO-40 COULD BE LEAKING

AO-40 team member Peter Guelzow, DB2OS, says a small leak on AO-40 could account for the higher spin rate ground controllers have noticed since the satellite resumed telemetry transmissions on Christmas Day. Guelzow called on the amateur community to be patient during the AO-40 recovery.

"The good thing is that AO-40 seems to be in a very stable condition, and there are no signs of further damage," Guelzow said this week in a posting to the AMSAT bulletin board.

"However, there is a sign of a small leak."

Ground controllers continue to look into the reason for the higher spin rate as well as into other items under investigation, Guelzow said, and the results will be reported when the AO-40 team reaches its final conclusions. He said the priority for now is to get AO-40 back to normal as soon as possible.

AO-40 went silent December 13 while ground controllers were testing the onboard 400-newton propulsion system. Guelzow's posting did not indicate whether he thought that propulsion system fuel or some other substance was escaping through the suspected leak. A computer reset command Christmas Day brought the satellite back to life, but telemetry data suggest that AO-40 suffered some damage. Since Christmas, the AO-40 ground team has been analyzing telemetry sent via the 2.4 GHz beacon--the only transmitter now operating--to determine the status of AO-40's onboard systems.

Guelzow said that once the AO-40 team has a handle on the antenna situation it might attempt to get the 2-meter and possibly the 70-cm transmitters working. Until then, he said,

AO-40 will continue to use the 2.4 GHz downlink. Guelzow said that because of the currently limited downlink capabilities, uploading of new commands and analyzing the results is taking somewhat longer than it would under normal circumstances.

The AO-40 team also is evaluating the satellite's magnetorquing attitude control system and wants to spin down the spacecraft and adjust AO-40's attitude for better sun and squint angles. In addition, ground controllers will be taking a close look at various other systems and experiments onboard, including the arcjet and the stabilization wheels.

"Once this is completed and we have a complete overview, then we can declare the spacecraft to work normally and perhaps think about re-defining the mission of AO-40, whatever it will be," Guelzow said. AMSAT-NA President Robin Haighton, VE3FRH, this week said critical decisions would be made over the next week or two "based on the results of the analysis and much discussion among the command team."

--AMSAT-BB; AMSAT-DL

**

MINUTES
BOARD OF
DIRECTORS

The regular monthly meeting of the Board of Directors of the Garland Amateur Radio Club, Inc. was called to order at 7:00 pm by the President, Kaye Duncan, KC5JWB. A quorum being present.

Those officers and directors present were:
Kaye Duncan, KC5JWB President
L. D. Carpenter, K5LD Secretary
Randy Dunning, KC5QHH Training
Ed Hubbuch, KC5GGZ Treasurer

OLD BUSINESS:
There was discussion concerning the possibility of adding a lock-box to the ECC door to make entry easier for club members. Security issues were discussed. No action was taken at this time.
The President asked if there was any updated information on the trailer that may be available from Alcatel. There was no information available as to the trailer status.

The President was authorized to appoint an Officer Nominating Committee for the 2001 slate of GARC officers.



(Continued on page 9)

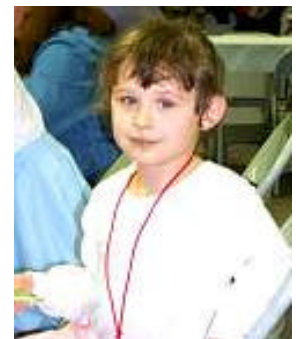
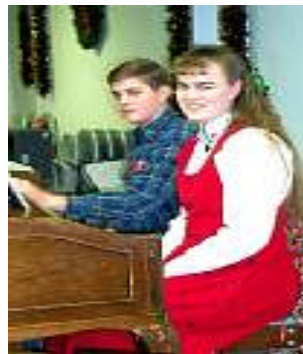
MINUTES GARLAND AMATEUR RADIO
CLUB December 18, 2000

The December Meeting of the GARC was held in the fellowship hall of the **Freeman Heights Baptist Church**. The meeting was informal and consisted of a party complete with food, drink, and much merry making with live music from many of the club members.

The only club business discussed was the postponement of the award for the Christmas Light Contest.

Pictures of the Meeting were taken by Gerry Crenshaw. You can see others at the club website. [Http://www.qsl.net/garc](http://www.qsl.net/garc)

Allen Yoder KB5GME
ARCLITE EDITOR



February 2001

SUN	MON	TUE	WED	THU	FRI	SAT
				1	2	3
4	5 GARC NET Richardson Races 147.12	6 IRVING ARC-NET TECH CLASS 7:00 pm ECC	7 DARC MEETING 146.94 Swap Net	8 147.18 PARK NET GARC RACES NET	9	10 DARC VE TEST SESSION
11	12 GARC NET RWK MEETING DEADLINE SUBMIS- SIONS TO ARCLITE	13 IRVING ARC-NET TECH CLASS 7:00 pm ECC	14 146.94 Swap Net	15 147.18 PARK NET GARC RACES NET	16	17
18	19 GARC NET Richardson Races 147.12	20 IRVING ARC-NET TECH CLASS 7:00 pm ECC	21 146.94 Swap Net	22 147.18 PARK NET GARC RACES NET VEC TEST SESSION	23	24
25	26 GARC MEETING	27 IRVING ARC-NET	28 146.94 Swap Net			

Same Net Time, Same Net Frequency

The Following nets occur on a regular basis throughout the month.

Every Monday night at 7:30 PM. local time except for meeting nights the GARC conducts a goodnews/info net on 146.66 MHZ

RACES holds nets on Every Thursday Night at 9:00 pm local time on either the 146.66 or the 147.24 repeater. In addition to these nets there are also additional RACES nets held at 8:00 pm local time on the first and third Sunday of the month. These Sunday night nets are held on the 146.88

repeater. Only those stations who are authorized by the FCC or the regional Races authority may transmit on a Races frequency during Races nets unless there is a threat to life or property.

145.31 8:00PM Tuesdays
Mesquite ARC holds a goodnews/info net

146.94 8:00PM Wednesdays
FT Worth holds a info/swap net.

147.18 8:00PM Thursdays
Plano ARK holds a good-
news/info net

Garland Siren Test

The Garland early warning sirens are tested by the city the first Wednesday of each month at noon, weather permitting. Tests are generally conducted on the GARC repeater at 146.660Mhz with 600Khz negative offset.

Amateur radio operators wishing to help with these siren tests should contact Bob Jones, W5BJ if interested in helping out.

MINUTES
BOARD OF DIRECTORS
GARLAND AMATEUR RADIO CLUB, INC.
January 9, 2001

(Continued from page 7)

NEW BUSINESS:

The Board reviewed a letter from the Internal Revenue Service regarding the club's status as a tax-exempt organization effective 12-31-00 with the ending of the Advanced Ruling Period. The club has 90 days from 12-31-00 to file IRS form 8734, Support Schedule for Advanced Ruling Period, for each of the past four tax years. By filing the form, the club would retain its status as a publicly supported organization pursuant to §§ 170 and 509 of the Internal Revenue Code. Failure to file will not cause the Club to lose its tax-exempt status, but revert to a Private Foundation as defined by the Code.

On a motion by Randy Dunning, KC5QHH, and second by Ed Hubbuch, KC5GGZ, the Board voted to purchase a weather station as a door-prize to be

raffled during the RACES weather school on February 24, 2001.

On a motion by Ed Hubbuch, KDCGGZ, and second by Randy Dunning, KC5QHH, the Board approved the purchase of a banner for club use during public events.

The Board approved the renewal of rental for the Women's Activities Building for GARC meetings.

OFFICER REPORTS:

Randy Dunning, KC5QHH, Training Officer, reported that a Technician Class would begin on January 22, 2001. A code class is scheduled for March; General Class in May; and a Technician class in July.

Ed Hubbuch, KC5GGZ, reported the bank balance as of this date is \$3,039.65.

There being no other business before the Board, the meeting adjourned at 8:15

p.m.
Respectfully Submitted,

L. D. Carpenter, K5LD
GARC Secretary

ARTICLES MARKED **

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January 2001

SUN	MON	TUE	WED	THU	FRI	SAT
	1 GARC NET Richardson Races 147.12 21:00	2 Irving ARC NET	3 DARC MEET- ING146.94 SWAP NET	4 147.18 PARK NET RACES NET	5	6
7	8 GARC NET RWK MEETING	9 Irving ARC NET	10 146.94 SWAP NET	11 147.18 PARK NET RACES NET	12	13 DARC VE TEST SESSION **NOT CON- FIRMED**
14	15 GARC NET Richardson Races 147.12 21:00 DEADLINE FOR ARCLITE SUBMISSIONS	16 Irving ARC NET	17 146.94 SWAP NET	18 147.18 PARK NET RACES NET	19	20
21	22 GARC MEETING	23 Irving ARC NET TECH CLASS 7:00 pm ECC	24 146.94 SWAP NET	25 VEC TEST SES- SION 147.18 PARK NET RACES NET	26	27
28	29 GARC NET	30 Irving ARC NET TECH CLASS 7:00 pm ECC	31 146.94 SWAP NET			

GARC General Information

Repeaters:

The GARC operates two open repeaters for its members and for all local or visiting Amateur Radio Operators: Two meters: **146.66 (-)** and 70 Cmeters: **442.70 (+)**

Voice Mail:

For late-breaking news or to leave the club a message, call our 24-hour voice-mail line at **(972) 272-4499**.

Information Net:

GARC Information Net: held every Monday at 7:30PM on 146.66 (except for meeting nights and holidays). The net features current events, "swap shop", and a technical information exchange. All area hams are encouraged to check in. All members are encouraged to volunteer to be net control for this net. Contact the GARC communications officer, Mark Durbin (kc5gng@qsl.net), if you are interested.

Internet:

Information on the GARC can also be found on the world wide web address below:

<http://www.qsl.net/garc/>

The web site includes a map to the monthly meetings, classes, links to local public service events, and other items of interest to the hams in the Garland area.

Newsletter:

The Arclite is published monthly for the members of the Garland Amateur Radio Club. The contents of this

newsletter are copyrighted the date of publication, but may be reprinted without permission in any Amateur Radio Publication provided proper credit is given and the motive is the advancement of amateur radio and not for profit.

The deadline for Arclite materials is the 2nd Monday of each month. If you have any informative or educational articles that you would like to see included in this newsletter, or if you have items to be included in the GARC calendar, please send it to the Arclite editor.

Arclite Editor, 1027-B West Austin St.,
Garland, TX 75040

or emailed to the Arclite Editor at kb5gme@ev1.net

Membership:

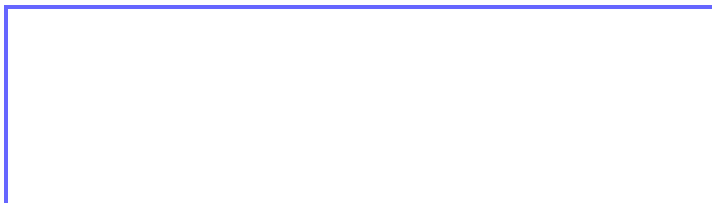
Membership forms are available at the GARC monthly meetings and on the GARC web site. Once the membership form and dues are submitted, new members are voted in at the next GARC monthly meeting.

The GARC membership roster is distributed to GARC members only and is included twice a year in the Arclite. It is not to be used for any commercial purposes.

To submit changes to the GARC roster (such as change of address, updated phone numbers, license upgrade, etc), send them to the GARC secretary, LD Carpenter (K5LD) at ldcarp@flash.net



Garland Amateur Radio Club
Emergency Communications Center (ECC)
1027 B West Austin Street
Garland, TX 75040



Please Rush!!!

Reminder

The last Friday of month is Hidden Transmitter Night