



GARC OFFICERS

• **President:**

Wayne Williams
WT5J

WT5J@ARRL.NET

• **Vice President:**

James Schroeder
KC5EOR

KC5EOR@QSL.NET

• **Secretary:**

Kaye Duncan

K5ayE

KAYE.DUNCAN@HOME.COM

• **Treasurer:**

Ed Hubbuch

KC5GGZ

KC5GGZ@PIPELINE.COM

• **Comm. Officer**

Jacob Schroeder

AC5NA

JSCHROEDER@CHARACTERLINK.COM

• **Education Officer**

Chris Engleman

KC5COF

CENGLAMAN@DIRECTVINTERNET.COM

• **ARCLITE EDITOR**

Allen Yoder

NG5Y

NG5Y@ARRLNET

TRUSTEE:

Bob Jones

W5BJ

bobj1@airmail.net

THE PRESIDENT'S PEN

By Wayne Williams

WT5J



Hi Everyone,

I hope all of you had a very pleasant Christmas and a Happy New Year's Day. Our Christmas Party was a big success this year. Thanks to the following people for an outstanding job of putting it all together: Kaye Duncan-K5AYE, coordinator, and the volunteers that helped her; Sharon Schroeder-KC5ZGK, Carol Fitzgerald-KC5CYR, Marie Guerrero-KD5LMT, and Gordon Reynolds-KB5JWJ

Piano music was played by: Matthew Jennings-KD5GUN, Joseph Schroeder-KD5EWQ, and Jennilyn Schroeder-KC5YZK, and at the mike Jim Schroeder-KC5BSU led us in Christmas songs and he did a great job. Thanks to each of you for giving of your time and talent. It sure made for a great evening of entertainment.

I even heard, through the grapevine, of course, that Rudolph the Red Nosed reindeer made an appearance, so we played a special song just for him. You can ask Garland- W5IDN, to give you the full details on this.

With the New Year in full swing, the GARC will be looking ahead, as to how we can better promote Ham Radio in our community. There are some opportunities that will be coming our way, which will require some volunteer work, so please help where you can. I will be giving more information on this at the Jan. GARC meeting.

At the Jan. 27th GARC meeting, we will have as our special guest speaker, Mr. Jim Haynie-W5JBP, President of ARRL, The National Association for Amateur Radio. Please mark this on your calendars and come hear what the ARRL is doing for Amateur Radio.

That's it for now, and I want to wish all of you, a very Prosperous and Happy New Year.

73 De WT5J,
Wayne G. Williams

Next GARC Meeting will be Jan. 27th 2003 @7:30 PM
ARRL President, Jim Hanie-W5JBP

Submitted by: Wayne G. Williams WT5J

Written by: Howie Gould

Subject: Ham Radio Hobby Or Service

Sometimes, we just have to stand back and take stock of ourselves, and maybe examine our direction and aims. The beginning of a new year always offers an excellent time for us to do just that. How about if we take a thoughtful look at amateur radio itself?

Well, this discussion is not only interesting but also very important. Amateur radio is at a pivot point in history where it is critical for us to know just what we are: members of a radio service or electronic hobbyists? I like to believe we are both and even more. There is no doubt that our mission statement has changed even though Part 97 is relatively unchanged in its wording. Handling traffic, checking into nets, chasing DX, learning to use CW as another Ham tool, building antennas, working with QRP, and experimenting with things like PSK31, satellite communication and digital voice transmission are just a few of the fun parts of amateur radio today.

However, we cannot hide from reality. Look at the coming of powerful home computers, high speed electronic connections, world wide communication and information transfer via the Internet, cheap long distance rates via phone cards, hand held Cell phones that can reach parties around the globe, global positioning satellite equipment that tells us at all times where we are and where we are going, and on and on. In my opinion only a fool would say that Amateur Radio is the same thing that it was twenty years ago.

We are at a new page in Amateur Radio History. It is not the end of Ham Radio. That is a prediction that has been made each time in the past when new electronic communication technology has been developed. Also, it is not the dawn of a new age where Amateur Radio will only be some form of charity or community service organization. Nor will Ham Radio be just a fun pastime for the electronically talented or technically curious. Nor will it be just another market for the commercial sale of high tech toys like high fidelity stereo sound or high definition TV. (Yes, Virginia, Radio Shack was once a serious source of electronic parts for Ham Radio Operators before it became an electronic toy store to survive in today's market.) What then are we to become in this new phase of our history?? That depends on us. Yes, we are to some extent all of the things mentioned above and more. But there are new challenges now before us. We are faced with a foreign world that is developing highly skilled engineers, scientists and technicians faster than we are. Our educators have not been able to generate the spark of curiosity and the desire to learn in many of our young Americans. That "spark" in the past has made our country the most innovative and productive in recorded history.

We are faced with new technologies that both make our lives more comfortable than ever before. And yet, most of us feel exhausted and overwhelmed by the speed of ongoing new developments. Our automobiles are the best and safest in history, yet highway accidents are the leading cause of death for young people between 15 and 20 years old. We know more about alternate fuels, recycling our waste, the protection of our natural environment, and the dangers of smoking than ever before. And yet smog still hangs over our city, our streams and lakes are still polluted. People still throw their waste out of car windows and leave trash to float down the rivers. We have not been able to help people stop a deadly habit that causes them to spend billions of dollars just to kill themselves with lung cancer.

And we think we have problems in Ham Radio??? It is my opinion, however, that the challenge has never been greater for Amateur Radio to demonstrate the importance of electronic communication and the use of sound methodology for the transfer of information. The challenge is to experiment and develop new and better methods. The challenge is to create a spark for our young Americans who will become the leaders of our Country when most of us have already "shorted to ground." The challenge is to serve our communities and demonstrate the need for an amateur radio service whether it is in providing safety through communications at a parade, setting up demonstrations of ham radio for public education, enjoying benefits of a

(Continued on page 3)

3905ccn, or helping with the myriad of communication problems associated with public safety during foul and dangerous weather. The challenge is to provide a well-trained cadre of volunteer radio operators to provide back up for communications necessary for the defense of our homeland from terrorists.

There are some who say that Ham radio is no longer needed and the valuable frequencies we have should be sold to commercial interests to help with the national debt. What if tomorrow they were to outlaw visible ham antennas and towers everywhere? What if they reduced our maximum output power to five watts? What if they made the sale of commercially manufactured ham radio gear illegal? What if they said all future ham activities would be restricted to 11 meters?

Well, it has happened before. The frequencies being used in the early days of ham radio were stripped away by the government and given to commercial interests. Ham radio was restricted to the spectrum we now call the HF frequencies which at that time were thought to be worthless. The hams of that day met the challenge and found through experimentation that the HF frequencies could be used for long distance communication by bouncing signals off of the ionosphere.

Ham radio transmissions were silenced completely during World War II Thank God for the trained ham operators that were able to step in and help train the radiomen needed at that time. After the war AM was challenged by a new technology called single sideband. Many felt it would be "the end of Ham radio as they knew it."

So where are we now?? Same as before?? As I said earlier, in my opinion we are at a pivot point. It is time once again to discuss what we are and what we can be. A wise man once said, "Science is the study of why things are what they are. Engineering is the study of what things can become." We need to decide what we can and should become. We need to establish a new mission statement to supplement Part 97. And most important we need to get started right now. 2003 should be the year that we redefine ourselves in light of current technologies and the challenges of the future.

Amateur Radio is a "service" and a "hobby" and much more. We are public servants, we are pseudo scientists. We are "electronic dream weavers." We are historians. We are both student and teacher. We are the first level volunteer communicators of last resort during some emergencies. We are the first communicators on the scene of other emergencies. We can be the spark that lights the creative fires for a young person who may become the next Edison, Armstrong, or Faraday. Whatever we are, I believe it is critically important and I take it seriously. I believe amateur radio operators should stand proudly and let others know what Ham radio is and what it can be. I hope that during the coming year we can begin to establish a new and proper mission statement that will enable us to carry our antennas, our batteries, our gear our log books and a proud commitment to the meaningful operation of amateur radio (practice, hobby, service and much more) well into the next century.

Enjoy your Hobby/Service to its fullest and support it to the best of your ability as we have come a long way from yesterday, and tomorrow is bringing us glints of the future technology that will change our lifestyles.

I hope that everyone finds a bit of uplift in this message for a fantastic 2003.

Howie W9HG

Post Script by Wayne G. Williams: Howie is the First and Founding President of The 3905 Century Club. Visit www.3905ccn.com for more information.

Food for Thought, vol 3 # 1

Clay Orchard

KC5MXN

While slurping coffee in the shack, some of us old timers were talking about problem solving. Or maybe I should say, the lack of problem solving. As we discussed some of our interesting FAQ's, we began once more to realize that most of the interesting questions came from the young Turk', that were fresh out of the information age. It seemed to us, that massive amounts of information has been crammed into the heads of the new generation, but Ouch! That word, "but", can be a real stick in the mud. Some how, we need to teach them how to get the information out of their brains, and back on the desk so they can use it.

A lot of my information processing procedures were developed some time between 1955 and 1960. We lived in an area of the country, considered by the Federal Government, as a high-risk area for a BIG BOMB. We were taught to play what if games, as a method of problem solving. We did not have computer models to rely on, and in fact, the thought of a computer in one's home, was almost beyond comprehension.

Several times each month, I am faced with a person who wants to believe that he or she knows all the answers. They will present me with their thing-a ma-jig and say something like, "I need to fine a way to test this". Sadly, they do not know what it does, what king of power it requires, or on occasion, where the inputs and outputs are located. They know that it is supposed to work, because their computer said so.

Some day soon, we will design and build the ultimate in confusion. No one will know how it works, what it is supposed to do, but everyone will be convinced that they just cannot live without one. If mankind is lucky, this ultimate whatever, will re-trigger a need for problem solving that is not done in a computer. This non-computer problem solving will result from the need to circumvent the book of pat answers, because they are not fool proof.

Your computer can be a great ally, when used as a tool, or a terrible enemy, if used as a crutch. In the future, those who develop the answers that are loaded into our databases will drive our thought patterns. The scary thought is that, "those who develop the answers that are loaded into our databases will control our thought patterns". Power, real or perceived, will fall into the hands of those who are able to figure out the answers. It will not matter if the information is correct or not. For those of you who are among the under 20 bunch, if you want to be a great help to your brother and sisters, study the ancient art of problem solving. It is not difficult, and can be a great deal of fun. The correct answers are going to be in a computer only because someone like you put them there

Here is wishing each of you a happy and blessed New Year.

Just the thoughts of a gray head, wondering what his coffee will taste like in 20 years.

S L U R P..... Oh yea -30-

KC5MXN

2003 Garland Star Spangled 4th of July I would like to have it posted in the news letter each month for Jan, Feb, March, Apr, and May.

July 2nd 5:00 pm until 12:00 pm

July 3rd 4:00 pm until 12:00 pm

July 4th 12:00 noon until 12:00 pm

July 5th 12:00 noon until 12:00 pm

Please mark you calendars and see what fits for you.

Note we will be covering the preview night this year which is a change for former years.

Time slots will not be generated until the middle to end of the month of Feb. 2003 Please reply to KC5MXN at kc5mxn1@juno.com Thanks Clay


*MINUTES OF December 2002
Meeting
GARLAND AMATEUR RADIO CLUB, INC.*

The GARC meeting was called to order at 7pm by president Wayne Williams (WT5J)

Being a holiday event, no further business was conducted.

Submitted by:
Allen Yoder

Arclite Editor



February 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3 GARC INFO NET	4	5	6	7	8
9	10 GARC INFO NET	11	12	13	14	15
16	17 GARC INFO NET	18	19	20	21	22
23	24 GARC MEETING	25	26	27 VEC TESTING	28	

Upcoming Events

All public service events are open to any licensed amateur with a desire to participate!

No event experience? Lets us know and we can team you with an experienced amateur to show you the ropes.

January 25, 2003 - Dino Dash - 10th Annual Dino Dash at Dallas Fair Park. Operators Needed! Contact Karl Meyer, N5UOI - n5uoi@arrl.net or Len, K4IWL - k4iwl@arrl.net to volunteer. Dash information at www.dinodash-discoveryfest.com.


April 6, 2003 - MS Walk Dallas - Sunday MS Walk in Dallas, Texas. To volunteer for the **Dallas** walk, contact John Galvin, N5TIM, n5tim@arrl.net or use the Easy Sign-up Form.

April 5, 2003 - MS Walk Plano - Saturday MS Walk in Plano, Texas. To volunteer for the **Plano** walk, contact Jonathan Sennetti, K5VX at k5vx@arrl.net or use the Easy Sign-up Form to sign-up.



email addresses for event coordinators.

Karl Meyer, N5UOI - n5uoi@aol.com
 Bob Jones, W5BJ - bobj1@airmail.net
 Clay Orchard, KC5MXN - mcorch@juno.com
 Bill Fell, KK5PB - kk5pb@arrl.net
 Bob Bailey, N5ITN - n5itn@attbi.com
 Pamela Green, W5PAM - stauros@onramp.net
 John Sanders, AB5ZR - john.sanders@mci.com
 John Galvin, N5TIM - n5tim@arrl.net
 James Marple, KB5ZDG - jmarple@dhc.net
 Bob A shmore, KA5SNM - rashmore@mindspring.com
 Jim Dye, N5JZ - N5jz@aol.com
 Jonathan Sennetti, K5VX - sennetti@nortelnetworks.com
 Scott Hamilton, KK5PP - kk5pp@arrl.net



January 2003

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4
5	6 GARC INFO NET	7	8	9	10	11
12	13 GARC INFO NET	14	15	16	17	18
19	20 GARC INFO NET	21	22	23 VEC TESTING	24	25
26	27 GARC MEETING	28	29	30	31	

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 good news/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 Ham Association Of Mesquite holds a good news/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

Garl and 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 Jacob Schroeder, AC5NA if interested in helping out.

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, Jacob Schroeder (jschroeder@characterlinknet), 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 ng5y@arrl.net

Membership:

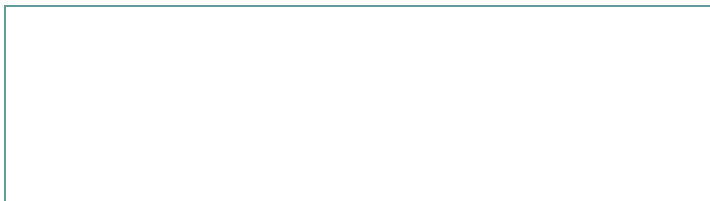
Membership forms are available at the GARC monthly meetings and on the GARC web site. Once the membership form and dues are submitted, new members are voted in at the next GARC monthly meeting.

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, Kaye Duncan (K5AYE) at kaye.duncan@attbi.com.



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



Please Rush!!!

Reminder

We need your articles, ideas and suggestions for inclusion in the Arclite...