

**GARC OFFICERS**

• **President:**

Allen Yoder  
NG5Y  
PRESIDENT@K5QHD.ORG

• **Vice President:**

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WA5GNT  
VP@K5QHD.ORG

• **Secretary:**

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KE5MTE  
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• **ARCLITE EDITOR**

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KD5LVW  
newsletter@k5qhd.org

• **TRUSTEE:**

Bob Jones  
W5BJ  
trustee@k5qhd.org

The President's Pen  
By Allen Yoder  
NG5Y



We live in interesting times! Sometimes that statement can mean that good things are happening. But it's possible for bad things to be construed as "Interesting".

Unless you have been living under a rock you know something has happened to the 146.660 repeater. Until now it's been kept mostly a secret. It's not that we don't love you, but some matters had to be addressed before we went public with the details.

Ok I'll stop beating around the bush and come right to the beginning of the story from "my" point of view. I have long felt that that the 146.66 repeater could use some "TLC". It had some limitations that made it a "neighborhood" repeater. I myself always thought we could do better.

After I was reelected as President of the Club I convinced Ralph that it was high time I be given a tour of the current repeater setup. Ralph and I met and we looked over all the clubs equipment and antennas etc. The current 2 meter machine is a GE Master II that has been in service in one form or another for almost 30 years. Currently it is no longer supported by GE and if any major component failed it would be next to impossible to get any new replacement part. Ralph and I both agreed that it was high time the club moved to get a modern repeater setup for the club. I expressed the need for more height than our current repeater site could provide. Ralph mentioned a new tower he knew of that just might let us co-locate a repeater system there. L.D. Carpenter helped me contact the parties who control that tower and the question was brought before them.

The answer I got back was that if it was going to happen that for security reasons they would like to provide the equipment themselves. They also had some research to do in order to make sure that signals in the ham bands would not cause any interference to their equipment. I was told to check back after field day to see what answer they had.

While I had been treated very nicely by these people I didn't think it too likely that they would provide us a repeater to use for free. So I started the Repeater Support Fund. Many of you have contributed generously to that cause. (Thank You)

(Continued on page 4 SEE FOOT PRINT)

## Minutes of the Garland ARC meeting as submitted by Garland Newman, W5IDN \* June 25th. 2007

The meeting was called to order by President Allen Yoder, NG5Y. Bob Jones, W5BJ, led the club in the pledge of allegiance, followed by introduction of all present.

Swank Roberts, WA5GNT, Vice-President, reported that the Field Day was a great success. We had 3 of the Garland city council members attended along with the new mayor of Garland, Ron Jones. Appreciations to Megan McGowan, KF9AS, for her Morse code skills helped make it a success.. ..

Educational Officer, Bill Engel, K5DHY, note new call, will start a General Class On June 26th, with a full class.

Communication Officer, Ralph Brown, KA5KVF, reported that on field we also had Coy Day, West Gulf Coast section manager present along with Jim Hanie.

Club Treasurer, Wayne Williams, WT5Q, was not present due to other commitments.

President, Allen Yoder, NG5Y, is not doing well and should be remembered in our prayers. Allen reported we had a table at Ham Com and got several applications for membership in the club. The table was free.

New members voted in were:	Brooks Bradly, KE5ETG, Technician	Mark Carr, KE5OSM, Technician
	David Williams, N5HDD, General	Sam Simms, WA5QCA, General
	Rick Beckemeyer, KG5OO, Advanced	Chuck Pullen, AD5SE, Extra

Tom Blackwell, N5GAR, reported on Field Day operations from around the area, with the SW Dallas Co club being the most active. Tom, reported on Datyon, he stated it was very interesting and was everything they say it is..... He also reported that we have two manufacturers of Ham gear in the USA, TEN-TEC in from Tennessee and Flex Radio from Austin, Texas.

After the break Randy Dunning, K5QHH, reported we had approximately 2112 points from Field Day. A motion was made by Allen Yoder, NG5Y to retain Bill Folstadt's W5KUY amateur radio call for one of the Garland Repeaters. Tom Blackwell, W5GAR, seconded the motion and as pass unanimously. Randy, K5QHH, made a motion to adjourn.

## Repeater Support Guild



We are making progress towards our goal! You can still help by donating your used printer and toner cartridges to the club. Your old cell phones and equipment are also acceptable. Of course you can always just make a donation as many have done!

The other ways you can help are to join the Tom Thumb Good Neighbor Program (#11636) or ask a club officer for a Kroger Share Card. We are just over 45% now!

# Field Day 2007 Pictures



Photo By Coy Day



W5RRY



Jackie Feagin our Dist 5 City Councilman takes to the air



Photo By Coy Day



Photo By Coy Day



Photo By Coy Day

## KRLD 1080



On Fathers Day 2007 several of us accepted an invitation from the Engineers at KRLD to tour their transmitter site in Garland near Saturn and Miller Road. This site has been in operation since the 1930's. The transmitter has been updated about three times. The original unit was still in use until the 1960's. Currently they run a fully transistorized and computer controlled transmitter that runs 50KW during the day. At night they run both of the antennas so that they minimize interference to some other stations that also use the 1080 frequency. They have a 1980's vintage tube driven transmitter in standby and if all else fails they have a 5KW emergency transmitter in reserve. The interior of the transmitter site shows the revisions over history. It has a full kitchen and bath as in the 1930's the site was manned 24 hours a day. Despite appearances there was never a studio at this site, not even an emergency one. The transmission cable running to the towers outside is about 3 and 1/2 inches in diameter. The strange antenna at the top of the west tower is a remnant from a 92.5 FM transmitter that is no longer in use.

## K5QHD has a bigger foot print

*(Continued from page 1)*

My mother recently passed away and at the same time a new and unusual thing was happening on 146.66. We were hearing an extra ID that was not coming from our repeater. After a little investigation we found the source. It seems our friends with the high tower had come through with their offer to set up a repeater for us. It was supposed to stay turned off till I had been notified. But as fate would have it, it got turned on by accident. There were still some small details left to be ironed out. So the GARC Board still kept many of the details of the new repeater on a need to know basis.

I can tell you the repeater is new, manufactured by Kenwood. The tower is in Garland and our antenna is up over 400 feet. The repeater itself has a basic controller that can ID and give a courtesy beep, but that is about it. Initial test of the system seem to indicate that we have doubled our foot print or coverage area. We went to the VHF FM society and we asked them to re-coordinate the new repeater and they did so on the very same day.

The agreement between the tower owners and the GARC is that they will provide the repeater itself and the antennas and feed line, and even telephone access. (All free of charge) We can at our option provide a full featured controller like the one on our current repeater. In any event we will retain ownership of the new controller. A full featured controller can do things like send out tail messages, announcements, auto patches. The equipment they have provided so far is brand new and top notch in every way. It will continue to be made available to the GARC for as long as we want it. For a myriad of security reasons the exact locations of all our repeaters now needs to remain on a need to know basis. Regrettably this is the reality of the world we live in. **If you know where things are, please NEVER mention the specific details on the air.** Just tell them the machines are in the Garland area. This is all they really need to know.

So what is the flip side of all this? We will now have a wide area coverage repeater. This means it will now be possible to talk from the east side of Rowlett to some one in Flower Mound. Some members of the club have expressed a valid concern that the repeater will be over run with "DX" conversations and none of the local Garland traffic will survive.

*(Continued on page 8 see "Good Hams")*

## Wikipedia WikiProject Amateur Radio

[http://en.wikipedia.org/wiki/Wikipedia:WikiProject\\_Amateur\\_radio](http://en.wikipedia.org/wiki/Wikipedia:WikiProject_Amateur_radio)

So what exactly is a Wiki and why exactly would I want one? “A wiki (sometimes wiki wiki) is a piece of software that allows multiple authors to edit web page content. Ward Cunningham originally described a wiki as “the simplest online database that could possibly work”. Wikipedia is one of the best known wikis.” <http://www.wikipedia.org> . “On March 15, 2007, wiki entered the Oxford English Dictionary Online. Wiki is sometimes interpreted as the “backronym” for what I know is, which describes the knowledge contribution, storage, and the exchange function.”

OK, what does all this have to do with Ham Radio you ask? Well let me tell you. There is a long tradition of “elmering” in Ham Radio. Where some ham that already has some knowledge or skill and he passes that on to the newer hams as they come into the hobby. In the past this was largely done with one on one training and fellowship. But ham radio is a distance type of medium. From it’s humble beginnings in spark gap to modern day PSK stations ham radio continues to evolve, so to should the method of sharing the knowledge from one generation to the next.

This is why I write to you about the Amateur Radio Wiki Project. Here you can see what your peers are sharing in the ham radio arena and if you are brave you can edit their work and make your own contributions. You can even make you own original content. Just be aware that some one out there might revise your article. This brings up some interesting questions.

### Trustworthiness

*Critics of open-source wiki systems argue that these systems could be easily tampered with; while proponents argue that the community of users can catch malicious content and correct it. Lars Aronsson, a data systems specialist, summarizes the controversy as follows:*

*“ Most people, when they first learn about the wiki concept, assume that a website that can be edited by anybody would soon be rendered useless by destructive input. It sounds like offering free spray cans next to a grey concrete wall. The only likely outcome would be ugly graffiti and simple tagging, and many artistic efforts would not be long lived. Still, it seems to work very well. ”*

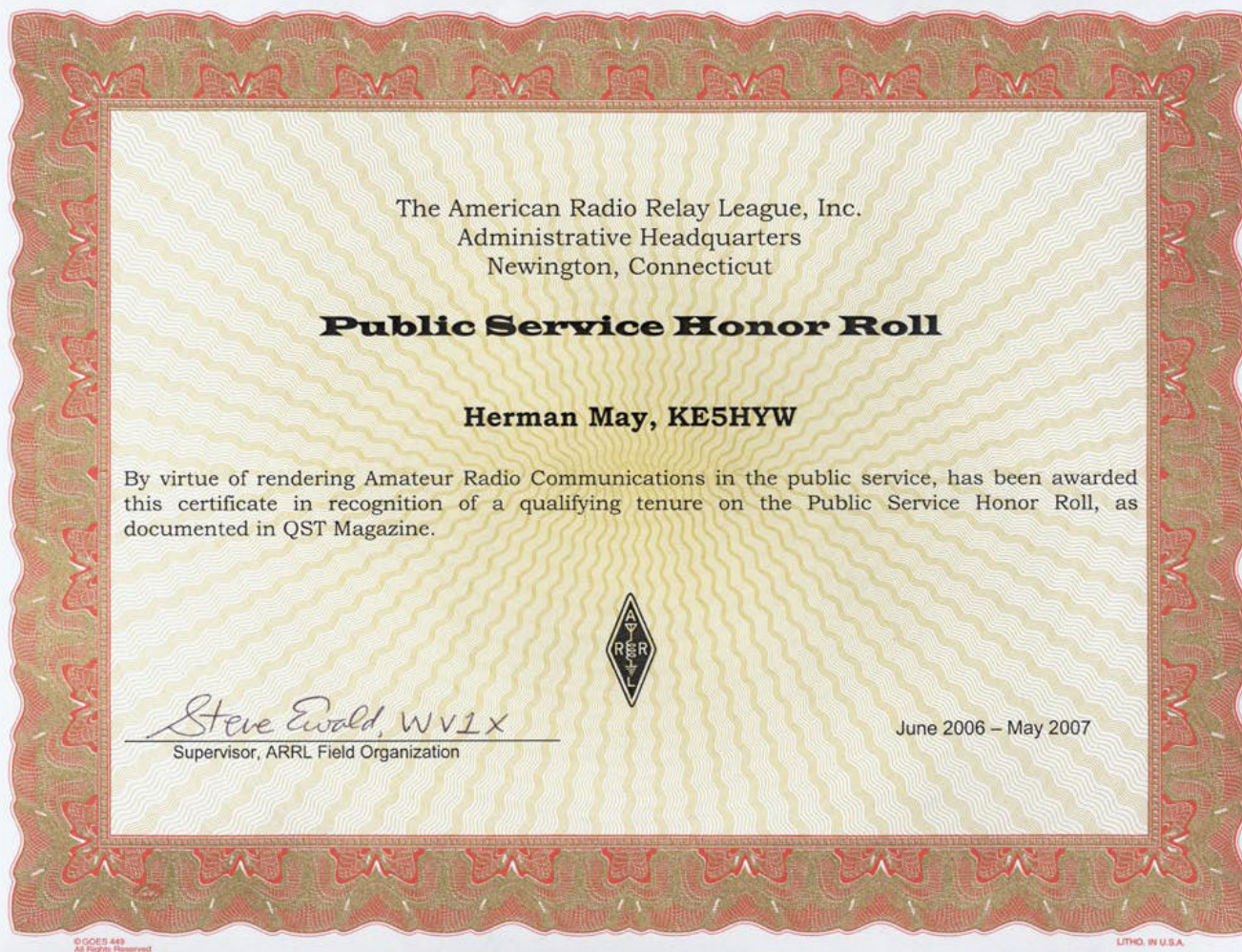
### Characteristics

*A wiki enables documents to be written collaboratively, in a simple markup language using a web browser. A single page in a wiki is referred to as a "wiki page", while the entire body of pages, which are usually highly interconnected via hyperlinks, is "the wiki". A wiki is essentially a database for creating, browsing and searching information.*

*A defining characteristic of wiki technology is the ease with which pages can be created and updated. Generally, there is no review before modifications are accepted. Many wikis are open to the general public without the need to register any user account. Sometimes session log-in is requested to acquire a "wiki-signature" cookie for autosigning edits. Many edits, however, can be made in real-time, and appear almost instantaneously online. This can lead to abuse of the system. Private wiki servers require user authentication to edit, sometimes even to read pages.*

You can learn much more about Wiki and all it’s pros and cons on the web itself. I invite you to visit Wiki today and I challenge you to make your own contributions to it.

## Special Congrats to Herman May Public Service Honor Roll



Each month in QST's Public Service column, the Public Service Honor Roll (PSHR) recognizes the efforts of Amateur Radio operators who are active in many aspects of public service. This includes net operations, traffic handling, emergency operations and public service communication support. There are chances that you're already involved with some aspect of Amateur Radio that would apply to the Public Service Honor Roll (PSHR).

Take a look at these categories and descriptions to see where your Amateur Radio activities fit in. At the end of each calendar month, just add up your qualifying points. If it reaches the 70-point level (or more), you've qualified for the Public Service Honor Roll! Report the good news with your call sign and monthly PSHR point total to your ARRL Section Manager. The ARRL section leaders, in turn, would forward the report onto ARRL Headquarters so that Headquarters staff may prepare these for listing in the Field Organization Reports segment of QST's Public Service column. Section Managers are listed on page 16 of QST, and on the Web page at <http://www.arrl.org/sections/>.

## TVI Committee Needed

I have received around 6 calls about some kind of TVI from Howard Thompson @ 972-226-2061 and another tonight !

Interference is mostly in the evenings on all channels. Will some of you assist ? This is in the south side of Garland in the general area of Broadway and I-30.

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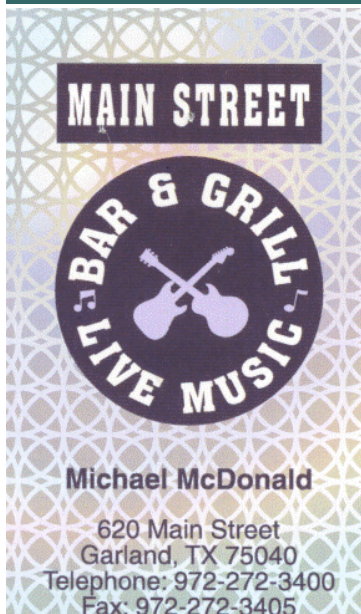
Swank Roberts wa5gnt@arrl.net

## Woman's Auxiliary

Just what exactly is are we trying to drive at here? The issue is that for every woman that is active in the group there seem to be 20 men. This is not just in our club, but in the hobby itself. If we can create a spark of interest we would like to see a Special Interest group just for the gals to get together and share the hobby. Just as we as a club recently toured the KRLD transmitter, and we regularly have "Crony Lunch" meetings, the nature of the events need not be strictly ham radio. In other words we want to see more participation by the ladies and hope that we can give them a vehicle to make that happen.

If you are interested in starting some activities for the gals in ham radio please email Melanie Yoder your Club Arclite Editor. She will chair the events for you. Contact her at editor@k5qhd.org

## Pre Meeting Get Together



Our regular club meetings start at 7:30 PM at the Woman's Activity Building in Garland. Many other clubs have their meeting in a venue that allows for dinner to be served before or during the meeting. We have been having a informal supper at the Main Street Bar and Grill at 6:00 PM and then we move to the Woman's Building by 7:00 ish. The Main Street Bar and Grill serves some high quality ham burgers and some other menu items like salads or a selection of Cajun foods.

# Good Hams are courteous to each other

(Continued from page 4)

We can all agree to disagree but I think our club tries very hard to follow the example given to us by the ARRL and by Hiram Percy Maxim himself. If you are a member of the Royal Order of the "Wouf Hong" you know exactly what I am talking about. We hams need to extend every courtesy to each other. We also need to respect and guide each other as well. Additionally with times the way they are, it's possible the 146.88 repeater in Dallas could fail and if that happened we would not have a ham repeater to help with RACES and civil defense in a county wide net. That is not unless we adopt this new repeater we have been offered. Will we get some new sources of intentional interference to the repeater because we serve a larger area? It's a real possibility. But we have no intention at all of doing anything at the present repeater site except preventive maintenance. We will have two separate ways of turning the new machine off remotely and can turn the old machine on at any time. With a larger coverage area we can also increase the membership size of the club, and thus increase the number of things the club can support. As membership rises and participation increases we can nominate new control operators for the repeater to insure that it always transmits traffic that is in compliance with the law and in the spirit of ham radio.

In any event, I ask you to attend the July meeting to discuss this new repeater. I want to discuss using the funds in the repeater support fund to purchase a full featured controller to be used for use with the new repeater system.

We can chose to accept the new repeater system but use it as is.  
Purchase a full featured controller for use with the new repeater.  
Decide to decline the offer.

I certainly hope myself that we choose to use the new machine and get a full featured controller for it.

## Upcoming Ham Fest

7-8 Sep 2007 \* Arkansas State Convention

Queen Wilhelmina Hamfest Association

<http://www.qwha.org>

Talk-In: 146.79- (PL 100.0)

Contact: Randy Baggett, KG5NE

PO Box 188 / 317 Grove

Mansfield, AR 72944

Phone: 479-928-5845

Email: [kg5ne@arrl.net](mailto:kg5ne@arrl.net)

Mena, AR

Queen Wilhelmina State Park

3877 Hwy 88 West

Div: Delta

Sect: Arkansas

7-8 Sep 2007 + ARRL Day in the Park

ARRL MS Section/MFJ Enterprises

<http://www.arrlmiss.org>

Talk-In: 146.73 (PL 210.7)

Contact: Malcolm P. Keown, W5XX

64 Lake Circle Drive

Vicksburg, MS 39180

Phone: 601-636-0827

Email: [w5xx@arrl.org](mailto:w5xx@arrl.org)

Starkville, MS

MFJ Enterprises

300 Industrial Park Road

Div: Delta

Sect: Mississippi

8 Sep 2007 + Highland Lakes

Amateur Radio Club

<http://www.hlarc.org>

Talk-In: 146.66 (PL 88.5)

Contact: Roy Acuff, K5WSC

308 Fawn Hill

Burnet, TX 78611

Phone: 512-715-0717

Email: [k5wsc@arrl.net](mailto:k5wsc@arrl.net)

Kingsland, TX

Kingsland Community Center

3451 Rose Hill Drive

Div: West Gulf

Sect: South Texas



K8DNE V.E. T E A M													
2007 V.E. STATISTICS													
APPLICANTS								ELEMENTS					
DATE	NEW	UPGRADE	PARTIAL UPGRADE	FAIL	TOTAL	PASSED	FAILED	TOTAL					
JAN07	5	2	0	0	7	11	5	16					
FEB07	6	16	0	4	26	17	5	22					
MAR07	17	4	0	9	30	22	12	34					
APR07	6	0	3	2	11	11	3	14					
MAY07	11	8	0	1	20	18	7	25					
JUN07	2	8	0	1	11	10	2	12					
JUL07	0	0	0	0	0	0	0	0					
AUG07	0	0	0	0	0	0	0	0					
SEP07	0	0	0	0	0	0	0	0					
OCT07	0	0	0	0	0	0	0	0					
NOV07	0	0	0	0	0	0	0	0					
DEC07	0	0	0	0	0	0	0	0					
<b>TOTAL</b>	<b>47</b>	<b>38</b>	<b>3</b>	<b>17</b>	<b>105</b>	<b>89</b>	<b>34</b>	<b>123</b>					

As seen from the above table, the K8DNE V.E. Team is responsible for upgrading 38 amateur and creating 47 new amateur operators in 2007. The team has provided services of some kind, including single element testing or partial upgrading, to 105 applicants.

2007 EXAMINATION TEAM MEMBERS:

Robert Brunskill KC5GMZ  
 Carstarphen, Andy WV5V  
 Gerry Crenshaw WD4BIS  
 Janet Crenshaw WB9ZPH  
 Gary Danaher AB5RM  
 Craig Green KV5E  
 William Hammon, Jr KA5SOT  
 Robert Hitch WB5WUB  
 Robert Ivey  
 WA5OYE Al Kinnard AD5AZ  
 Jane Lussmeyer XYL  
 Wayne Lussmyer N5LDD  
 Garland Newman N5IDN  
 James Pearson W5RRY  
 Ed Prasifka W5EJP  
 Sandra Reynolds XYL  
 Laura Richards KD5KJC  
 William Richards KM5VZ  
 Gary Sawyer W0GDS

Jennilyn Schroeder KC5YZK  
 Joseph Schroeder AD5XN  
 Melanie Yoder KD5LVW  
 Allen Yoder NG5Y

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 last 18 years of age, and hold a General, or higher, class Amateur Radio License.

Submitted by: W. H. (BILL) REYNOLDS K8DNE  
 09-28-07 8821 WILLOWBROOK DR.  
 ROWLETT, TX 75088-4614  
 Phone = 972-475-3854  
 E-mail =

[wh.reynolds@verizon.net](mailto:wh.reynolds@verizon.net)

# Star Spangled 4th Activity Report By Clay Orchard

Call sign	Name		hrs
1KC5MXN	Clay Orchard	G	12
2wt5j	Wayne Williams	G	6
3kd5fwk	Don Reznicek	G	8
4kd6kjc	Laura Richards	R	10
5km5vz	Bill Richards	R	10
6kc5inv	Max MonDragon	G	7
7kd5ygp	Barbara Mondragon	G	7
8ab6st	Conrad San Diego	G	5
9kk6fb	Don Holton		5
10KF9AS	Megan Mc Gowan	D	4
11w0gds	Gary Sawyer	R	4
12k5ld	LD Carpenter	R	4
13wb9zph	Janet Crenshaw	R	6
14wd4bis	Gerry Crenshaw	R	6
15k35mny	Lance Hinton	R	4
16ae5cb	Norman Clark	R	4
17ke5mme	Sean Oramus	R	4
18kc5vyg	Dennis Hernandez	R	4
19wa5tyw	Paul Newman		5
20kd5rym	Dave Best	D	6
21k8dne	Bill Reynolds	R	6
22ke5osh	Ronnie Jones		6
23WT5q	EH Nail	G	11
24AD5AZ	Al Kinnard	G	11

Coordinator Bonnjie Patrick  
 I C. Brain McDuffie  
 Dana Dunlap

	total	155
Garland	9	
Rowlett	11	
Dallas	2	
	2	
	24	

6.5hours each

# August 2007

SUN	MON	TUE	WED	THU	FRI	SAT
Join the K5QHD yahoo group	To view an interactive	Calendar	1	2	3	4
5	6	7	8	9	10	11
12	13 Board Meeting	14	15	16	17	18 Open House ECC
19	20	21	22	23 VEC TEST	24	25
26	27 CLUB MEETING	28	29	30	31	

## Same Net Time, Same Net Frequency

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

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

### ON THE AIR

Our meetings on the air are on break for the summer

## 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.

Where Radio is Fun ... Again !  
K5QHD is the Bill Folstadt memorial station

## 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 (+) Both PL 110.9**

### Voice Mail:

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

### Internet:

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

<http://www.k5qhd.org> ALSO

SEE K5QHD Under Yahoo Groups

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 [editor@k5qhd.org](mailto:editor@k5qhd.org)

### 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, at [secretary@k5qhd.org](mailto:secretary@k5qhd.org).

### ON THE AIR

**Our meetings on the air are on a temporary hiatus.**



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



**Where Radio is Fun ... Again !**  
**K5QHD is the Bill Folstadt memorial station**

***Please Rush!!!***

K5QHD

**RENEW YOUR ARRL SUBSCRIPTION AT THE GARC**