



THE ARCLITE

GARC OFFICERS

- **President:**

Allen Yoder

NG5y

NG5Y@ARRL.NET

- **Vice President:**

Clay Orchard

KC5MXN

mcorch@peoplepc.com

- **Secretary:**

LAURA RICHARDS

KD5KJC

lmrichards@gmail.com

- **Treasurer:**

Bill Engel

KE5DHY

KE5DHY@ARRL.NET

- **Comm. Officer**

Ralph Brown

KA5KVF

WRBRAUN@VERIZON.NET

- **Education Officer**

Garland Newman

W5IDN

W5IDN@ARRL.NET

- **Arclite Editor**

KAYE DUNCAN

K5AYE

K5AYE@VERIZON.NET

- **TRUSTEE:**

Bob Jones

W5BJ

w5bj@arrl.net

VOLUME 34 ISSUE 05

MAY 2006

The President's Pen

By Allen Yoder, NG5Y

Lots of exciting things are going on!!! We will have Ron Jackson (N5OJT) the Channel (4) weather personality as our guest speaker for the May meeting! He will be talking on severe weather and what goes on at channel 4 during an event. June is coming fast and with that comes both Ham Com and Field Day. Ham Com will be in Plano this year instead of Arlington. In the past the club has rented a table to sell goods. If there is interest, we might do something like that this year. Field Day for the GARC will be in Winter's Park just across from the Hawaiian Falls Water Amusement Park. For the May meeting if you have some old QST magazines you would like to give away bring those to the meeting and we will give them to visitors at field day. I would like to ask each of you to invite guests and or kids to come out to field day. I think besides the tents for the radios we should have a few good games, perhaps horse shoes, or even a card game or two. I would really like to see if we can get some kiddo's to operate the station (Supervised with control operator of course!). We always have a dinner that Saturday night. The club generally provides the meat and soft drinks. I encourage you to bring side dishes. The May meeting is the last chance to order a special ARRL T-Shirt for Field Day. The cost is \$12.95 details are available in QST. At our monthly meeting I want to remind you all that we plan to start a new tradition of having a small swap table at the side of the room for trades before the main meeting. Also, I might have a small prize for the first person who shows me a QSL card from a station they have 'worked'. In the future we are looking at giving talks on how to participate in HF nets. We are also looking into Echo Link/IRLP. If there is any topic you would like to see discussed please let the board know and we will try to find a speaker who will share his knowledge with us. It has been brought up that we should start an 'elmering' project. If you come into the meeting with a question about radio, ask about it at the sign in desk. Whom ever is sitting there will probably be able to point you to the ham who knows the answer. One thing that goes on every week is the 'Crony Lunch'. It is a get together every Thursday at the Furr's Cafeteria across the street from Richardson Square Mall. It starts at 11:00 am and last till at least 12:00 Your always invited whether you're a crony or not. Most other clubs run a 'Good News' or on the air club meeting/net at least monthly. I am still convinced that we need to reinvent this for the GARC. We have one other get together, it's the 3rd Saturday at the ECC. The ECC is available for you to work the HF stations there or just get together with or make new friends. See you all at the May Meeting!!!

73, Allen

MEETING MINUTES

BY LAURA RICHARDS, KD5KJC

GARC Minutes from April 24, 2006.

- Please bring your favorite, farthest QSL card to the next club meeting
- KC5QHH Randy Dunning motioned & W5IDN Garland Newman seconded that KE5HYW Herman May & DK5QGS Al Beck be voted in as new members, passed by entire club.
- Garland Newman, training officer is wanting anyone who is interested in learning Morse Code to contact him.
- Has any of your information changed lately? Then contact secretary, Laura Richards KD5KJC.

Come out to Winters Park for Field Day 2006 held from 12 Noon Saturday June 24 until Noon Sunday June 25.

GARC Board minutes from May 8, 2006

- Present: President Allen Yoder, Vice President Clay Orchard, Secretary Laura Richards, Training Officer Garland Newman. Not present were Communication Officer Ralph Brown & ArcLite Editor Kaye Duncan.
- Board passed that no more than \$200 dollars will be spent for drinks & meat. Club members are asked to bring there favorite side dish or desert.
- Any one interested in wanting the Auto Patch codes for the repeater is asked to contact Laura Richards at lmhrichards@gmail.com
- What interests you as a GARC member. What topics do want to hear at the monthly club meeting. Please contact Clay Orchard. The only way we know is for you tell us.

DON'T MISS THE NEXT MEETING ON MAY 26TH

Channel 4 Meteorologist Ron Jackson (N5OJT) will be our Special Guest Speaker!

Upcoming Special Events

- **May 6th & 7th** - Sam's Club MS 150 Dallas to Fort Worth Ride is launching a new route from Frisco to Ft. Worth to Dallas. Contact James Marple at j.marple@verizon.net to volunteer.
- **May 20th** - Wild Ride Bike Rally is a 62 mile rally from Richardson to Josephine and back. Contact Doug Kilgore at kd5oug@arrl.net to volunteer.
- **June 10th** - 15th Annual Collin Classic is one of the largest bike rides in North Texas. Contact Tony Campbell at tony+w5adc.com to volunteer.

Field Day T-Shirts

The GARC will be ordering Field Day T-Shirts following the May 22nd club meeting. The cost is \$12.95 per shirt. There is no sales tax and the club will pay shipping costs. Uni-sex sizes are S through 3XL. Place your order at the club meeting (checks preferred made out to GARC) or mail your check and size to KE5DHY Bill Engel, 6622 Lake Shore Dr., Garland, TX 75044 to arrive no later than Monday, May 22. Field Day is June 24-25.



FOR SALE

Yeasu FT-100 Mobile HF Rig - Covers 160 Meters through 440. With Separation Kit. Asking \$450.00 OBO

Icom IC-725 HF Rig - Covers 160-10 Meters. \$400.00 OBO

Uniden Bearcat Hand Held scanner model 220xlt - \$50.00 OBO Covers 29-956 MHZ*

HF Amp - This WorthMore 300 Watt + Solid State Mobile HF Amplifier, is in excellent condition and works great! It put out 400 watts with 50 watts of drive key down on 75 meters. This model has COR RF switching and is a great amplifier for mobile operation. This one was used very little and is in great shape. Two Power Transistors 2SC2879 *Frequency Range 1.8-21.5 Mhz *Can be modified to work 10 meters for licensed amateurs Output 300 watts plus on all bands Driving Power 35-100 watts w/50 ohm input matching DC Power Requirements: 13 VDC @ 35 amps RF Keying. no need for keying line (can be modified for keying line) \$250.00 OBO

Astron RS-50M 12VDC Power Supply. In Mint condition. \$200.00 OBO

Contact Allen Yoder NG5Y 214-256-3816 nq5y@arrl.net

Calendar of Events

June 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 9pm—Garland RACES Training Net	2	3
4 8pm— Dallas County RACES Training Net	5	6	7 12pm—Garland Siren Test 1pm—Rowlett	8 9pm—Garland RACES Training Net	9 HAM COM 7am—6pm Plano Centre	10 HAM COM 7am—6pm Plano Centre 15th Annual Collin Classic
11	12 GARC Board Meeting	13	14	15 9pm—Garland RACES Training Net	16	17 9am-12pm— Open House at the ECC
18 8pm— Dallas County RACES Training Net	19	20	21	22 9pm—Garland RACES Training Net 7pm— VE Testing	23	24 FIELD DAY Winter's Park Apollo & N. Garland Rd. starts @ noon
25 FIELD DAY Ends at Noon	26 GARC Monthly Meeting	27	28	29 9pm—Garland RACES Training Net	30	

ARRL Needs your Help with BPL

Dear ARRL Member in Texas,

We need your help in our ongoing fight against Broadband over Power Line (BPL) interference. As you may have heard, the ARRL was successful in obtaining language in a U.S. House of Representatives bill, HR 5252, requiring that the FCC study and report on the interference potential of BPL systems. The bill was adopted by the House Commerce Committee and will be on its way to the House floor for a vote shortly. Now we must turn our attention to the Senate, where similar language is needed. Senator Kay Bailey Hutchison is a member of the Senate Committee on Commerce, Science, and Transportation, which is now holding hearings on telecommunications legislation. We need Senator Hutchison's support of language addressing the BPL interference issue when the Senate bill is marked up in her committee on June 8.

Please write to her today. A sample letter follows. Please personalize it as much as you can and send it, preferably by FAX to the number shown. Please also send a copy to the ARRL's Government Relations firm:

Attention: Eric Heis, KI4NFC
Chwat & Company, Inc.
625 Slaters Lane, Suite 103
Alexandria, VA 22314
Fax (703) 684-7594
eric.heis@chwatco.com

Thank you for your assistance and support. If you want to email me in reply to this message, please use the email address shown below.

73,
Coy Day, N5OK
Director, West Gulf Division
ARRL - The National Association for Amateur Radio
n5ok@arrl.org

SAMPLE LETTER TO SENATOR HUTCHISON:

[DATE]

Honorable Kay Bailey Hutchison
United States Senate
284 Russell Senate Office Building
Washington, DC 20510-4304

Via FAX 202-224-0776

Dear Senator Hutchison,

I am writing on behalf of the 43,000 federally licensed radio amateurs of Texas to request your help with legislation in the Senate Commerce, Science and Transportation Committee. During the June 8th markup of S. 2686, the Communications, Consumer's Choice, and Broadband Deployment Act of 2006, please consider sponsoring an amendment directing the Federal Communications Commission (FCC) to conduct a comprehensive study of the potential of "broadband over power line" (BPL) systems to interfere with public safety and other licensed radio services. Appropriate language drafted by the ARRL, the national association for Amateur Radio, reads:

ARRL Needs your Help cont....

"Within 90 days after the date of enactment of this section, the Federal Communications Commission shall conduct, and submit to the House Energy and Commerce and the Senate Committee on Commerce, Science, and Transportation, a study of the interference potential of broadband over power line systems leading to improved rules to prevent the deployment of systems having a potential to cause destructive interference to radio communication systems."

A similar requirement that the FCC study and report on the interference potential of BPL systems is included in HR 5252 as reported out of the House Committee on Energy and Commerce.

BPL utilizes electric power lines to serve as the conductors of the broadband signals. Unfortunately, because the power lines are not shielded, they also act as antennas and radiate the signals into the air. These radiated signals will interfere with radio receivers tuned to the same frequency range. BPL has only been deployed to a very limited extent, but Amateur Radio already is experiencing severe BPL interference that the FCC has been unable or unwilling to correct. Unlike BPL, other methods of providing broadband Internet services to consumers, such as cable, DSL, wireless, satellite and Fiber to the Home, do not pollute the radio spectrum.

Not all BPL systems cause widespread interference to radio. The problem is that the FCC rules do not distinguish between BPL systems with a high potential for interference and those that are more benign. The FCC allows both kinds of systems to be deployed. This places an unreasonable burden on radio users, who must deal with the consequences of the interference. It is also unfair to the responsible BPL companies that have addressed the interference issue effectively but must compete with the spectrum polluters.

The reason we need your help is that the FCC continues to resist growing evidence that its rules are inadequate to protect radio communication systems, including those relied upon by First Responders, from radio spectrum pollution caused by BPL systems. The FCC needs to objectively and carefully review this evidence and adopt rules that will keep interference from BPL within reasonable bounds. Unfortunately, not only has the FCC shown no inclination to do that, the agency so far has failed even to enforce its existing rules in specific, well documented instances of harmful interference.

Because we need no infrastructure in order to communicate, the Amateur Radio Service is the only 100-percent fail-safe emergency communications resource in the world. The importance of this capability is documented on page 177 of the recent report of the Select Bipartisan Committee of the House of Representatives, "A Failure of Initiative," on Hurricane Katrina. Amateur Radio is included in the list of "What Went Right" in the White House report, "The Federal Response to Katrina: Lessons Learned." Amateur Radio is one of the few communications services that succeeded in Katrina's aftermath. Interference from BPL emissions will significantly disrupt this unique capability.

Please require the FCC to protect radio services from BPL interference. Thousands of radio amateurs will be grateful for your support.

Sincerely,

Include you name, address, city state, and zip
(phone numbers and email address optional)

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**.

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 email it to the Arclite editor at **kaye.duncan@verizon.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.

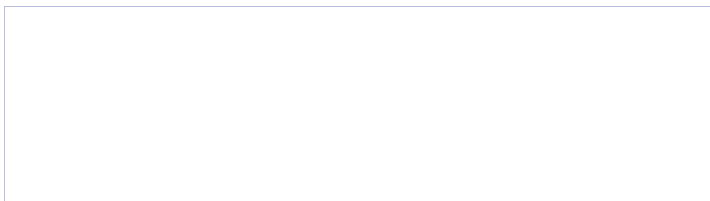
To submit changes to the GARC roster (such as change of address, updated phone numbers, license upgrade, etc), send them to the GARC secretary, Laura Richards at lmhrichards@gmail.com

Early Warning Siren Tests:

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 Bill Richards, KM5VZ if interested in helping out.

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



Please Rush!!!

Reminder

3rd Saturday @ The ECC - June 17th - 9 am to 12 noon