

THE ARCLITE

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FROM THE PREZ FEBRUARY, 2001 By Kaye Duncan

Hello again! It seems that it is time again to write yet another article for the ArCLite (pass time, actually). Since I know that you all have better things to do than to read a long-winded article from me, I will keep it brief this time.

My thanks go to our January guest speaker Jim Haynie (W5JPB) for updating us on what's going on at the ARRL. It is comforting to know that we have him in our corner looking out for our interests, and we hope that he will visit with us again next January.

I want to remind everyone again about the annual Dallas County Skywarn School that will be held at the Garland Performing Arts Center this Saturday February 24th from 9am till 2pm. As usual, there will be informa-

tive information on storm spotting, and the latest and greatest storm videos. In addition, be sure to stop by the GARC booth. You can renew your dues at that time and also buy raffle tickets for the weather station that we will raffle away in the afternoon. Ticket prices will be \$2.00 per ticket, or 3 tickets for \$5.00.

Another reminder for all club members is the GARC Board elections that are coming in March. Our election committee this year consists of Ben Miller (KC5NFU), James Schroeder (KC5EOR), and Harold Yoder (N5MQA). If there is a board position that you would be interested in running for, please contact one of the election committee members to let them know.



Where HAM RADIO IS FUN!!!

Finally, if you are interested in volunteering for a public service event, please check out John Galvin's web page www.qus.net/n5tim/ for the current list. Also, check out the GARC web page at www.qul.net/garc/ for the latest information on classes being offered, as well as other current GARC information.

I look forward to seeing

(Continued on page 3)

1st Annual Christmas Light Contest.

The first annual Christmas Light Contest trophy was awarded to the Schroeder Clan for their winning entry. The first runner up was Bill km5vz for his creative plans that sadly were not complete by the deadline.



Sun Runs Backward?



A story on the Science@NASA Web site at http://science.msfc.nasa.gov/headlines/y2001/ast15feb_1.htm concerns the sun's magnetic poles' reversing during the peak of every solar cycle. The article says that the switch has already happened and that this is a good indication that the peak of the solar cycle is here or perhaps has passed.

Sunspot numbers for February 8 through 14 were 168, 179, 172, 169, 106, 113 and 99, with a mean of 143.7. The 10.7-cm flux was 156.5, 162.4, 160.7, 151.3, 144.6, 141.3 and 137.9, with a mean of 150.7. The estimated planetary A indices were 6, 4, 5, 7, 4, 19 and 17 with a mean of 8.9.

Flood Warning

The GARC is completing the largest ever Technician Class in February with 13 students. The club is to be commended for stepping forward and putting forth the effort necessary to make this class a success. Look for a crowd at the next VE session and be prepared to learn some new call signs as they pop up on the repeater next month.

Code Class Rides Again

David Candelario (KB5NSI) stands ready to lead another class of Amateurs to acquire the skills necessary to successfully pass the 5 WPM Telegraphy Examination (Element 1). David has developed a class which has helped many amateurs achieve their goal of increased privileges on the HF Bands. Ask around on the repeater or at a club meeting and you will hear the same thing over and over: "This is the code class to take!" Di Da Di Da Dit - Di Di Di Da Di Dah.

A Long Long time ago in a neighborhood not so far away...

My Dad is now a retired electrical engineer. As a kid I thought he could fix anything. He did repair almost anything we kids broke or wore out as we grew up. He had some funny looking pieces of electronics gear in the garage. In later life I would learn that most of it was 'test equipment'. Most of these electronic devices had many switches and knobs and were labeled in what looked like English but meant nothing to me at the time. As a child I loved to play with his tube checker. It had so many switches on it and I could pretend to beam up Captain Kirk with it. Also out in the garage amongst the test equipment was a KNIGHT General Coverage receiver. I observed that this radio had many more knobs than your average household radio. Some were marked RF GAIN, AF Gain, BFO to name a few. I found the knob labeled 'OFF, Standby, Receive'. I turned the knob to standby to see what would happen. The radio lit up both inside and out and after a moment the signal strength needle bobbed around and settled back down to zero. Well nothing terrible happened so far, so I switched the knob to receive. I heard AM broadcast band stations just like I would on any normal radio in the house. I fooled around with the other knobs on the radio. I learned that If I turned the 'bfo' knob just so, I could get the radio to emit a tone/whistle sound. If I then tweaked some of the other knobs I could vary the pitch of the whistle and drive our pet cat darn near crazy. Eventually I turned the band switch, and after fooling around some more discovered fascinating broadcast from overseas. I thought this must be some sort of secret military radio., so powerful that it could pick up stations from around the world. I put the knobs of the radio back about like they were before I tampered with it. I decided I might get in trouble for touching this radio. Years passed and when I was a teenager I broke my leg rather badly with a compound fracture. Dad knew I would be bed bound for awhile, He brought the old Knight radio into my room and showed me how to properly operate it, to kill time while my leg healed. I heard all sorts of interesting things. I even heard a few Hams conversing and wanted to join in . But no where on the KNIGHT radio was a microphone jack. I told dad the radio was missing this feature. He explained that the KNIGHT was a receiver only. To

get a transmitter you had to have a license. He told me over and over how difficult it would be to get a Ham radio license. I discovered Heath Kit. I drooled over the Heath Kit catalogs and the SB101... I thought I could build one. Dad vetoed the Idea. Again, he thought I would never sit still long enough to learn the requirements for a license. At the time he was probable right. He bought a CB and we had loads of fun with that till the language went to pot. Years passed and I became very active in a computer user group. I made lots of new friends and one who was not old enough to drive asked me if I would mind driving him to a Class. A class that taught the theory and Morse code for a ham radio license. I told him not only would I take him I would join the class. He was shocked. When dad saw that I was serious about Ham radio and it was likely I would pass the exam he got busy and started studying code also. When I was ready I informed dad that I was going to the next test session and I invited him to join me. With some serious arm twisting he did. This is how I got started in ham radio and how I got my dad involved in the hobby as well. That class I took was sponsored by the GARC and was taught by Floyd Jester. KE5ZC and Bill Folstat. W5KUY. Floyd went on to help me locate a HF transceiver that I could afford. My first HF rig was a Swan 400 and I worked New Zealand, Japan, England, Germany and many state side stations in just the first year I was licensed. That old Swan was a 300% improvement over the KNIGHT receiver. I have been licensed now for over ten years and I feel like I have only scratched the surface of what this great hobby has to offer. With all the great help I got from the club, the Ham radio exam was challenging but certainly not a unreachable goal. Now with all the many changes that have happened with the FCC it is much much easier to get a license now than it was for me in 1988. I realize that it was much easier for me than for you old timers who bunked with Marconnie and T. Edison.

Volunteers are what make Ham Radio Possible. Were it not for Bill and Floyd I might never have obtained my license. When you volunteer to help with any club activity you are doing much more good than you realize. The co-operative efforts of a club provide more benefits than the sum of it's members.

So in spirit of ham radio volunteer or Elmer for some club activities. Who knows we might still be fondly talking about & remembering you 10 years later...

Food For Thought 2001

Food for Thought Connections part 2 In the December 2000 Food for Thought, I opened with the following sentence. "In this fast paced world that we have created, it is becoming more and more clear that we are doing ourselves in when it comes to our health." Now to continue with part 2. In the highly mobile family dissecting life style of today, we have created a breakdown of the old family ties. Job availability and location, health reasons, or even the plain old itch to see the world, has resulted in the scattering of families around the globe. Many of us who now reside in the metroplex,

have our family's in place like Kentucky, Ohio, Pennsylvania, Indiana, California, just to name a few. So what do we do when we need the strength and support of our family's. Well, for those of us who are involved with HAM radio, we can and do turn to our surrogate family. Case in point. On January 29 th, Janet (my XYL) was admitted to Baylor at Garland hospital for what turned out to be the removal of her Gallbladder. After getting her settled in her room, I made several phone calls. One of the first was to WT5Q. I knew that E.H. had a distribution list in his computer and could get the news out to the GARC family very quickly. I understand that even the Schroeder's became apart of the relay team. Janet and I want to extend our heartfelt thanks to you the many who were out there adding her to your list of concerns. To those of you that I talked to on the radio going to and from the hospital, and to those I spoke to at other times, Thanks. I can not list everyone, since there were many, However; I would like to lift up W5BJand AC5NA, who seemed to be on the air each time I took

procedure, such that I was able to gain comfort. She went through an ERCP on Tuesday and the actual surgery on Wednesday. I was able to take her home Wed's night. During all of this, I knew my extended family was there and cared. Of the 13 people in my immediate family, daughter, son-in-laws, and grandchildren, 11 of them live in the metroplex, and that in itself was wonderful. If you consider our extended family, the friends, neighbors, and amateur radio folks, we must of had over 200 family members who cared. We felt the power of each and everyone of you. So, to the people that Janet works with, the people that I work with, and you the members of the GARC, we humbly say thanks. Without you we would have survived, but with you we won big time Connectivity, a 1 dollar word with a million dollar attitude. If is a force. May you and yours never lose the caring, loving attitude of the power of the word -30-
Peace and grace to each of you

Clay KC5MXN

Uncle Ham Wants You

We are looking for volunteers to teach the General Class starting April 19th. If you have a General, Advanced or Extra Class license and can find the "PLAY" button on a VCR you have all the requirements to be one of our instructors and go "QRO"! Contact Randall Dunning, KC5QHH at kc5qhh@qsl.net, phone 972-333-5QHH, or on 146.660 during the morning or evening drive.

CODE CLASSES START

Code Class (5 WPM)

Starts Tuesday , March 6th at 7:30 PM at the GARC ECC, 1027B West Austin Street, Garland, Texas. Classes run for 8 weeks with completion in time for the April 26 Garland VEC Test Session

GENERAL THEORY

General Class (6 weeks)

Starts Thursday, April 19, 2001 at 7:00 PM at the GARC ECC, 1027B West Austin Street, Garland, Texas. Class run for 6 weeks transitioning to Tuesday evenings starting May 1, 2001 with completion in time for the May 24 Garland VEC Test Session.

FROM THE PREZ

CONT:

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you on Saturday, and at the next GARC meeting on February 26th at 7pm. Clay Orchard (KC5MXN) will give us an overview of GARC special events volunteer activity in 2000. 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
 Bill Fell, KK5PB - kk5pb@arrl.net
 Doug Kilgore, KD5OUG - dougkilgore@home.net
 Pamela Green, KB5WOG - stauros@onramp.net
 John Sanders, AB5ZR - john.sanders@mci.com
 Jim Galloway, N5MDI - jamesg@airmail.net
 John Galvin, N5TIM - n5tim@arrl.net
 James Marple, KB5ZDG - jmarple@dhc.net
 Bob Ashmore, KA5SNM - rashmore@swbell.net
 Roger Risinger, K5WWG - roger.risinger@mci.com
 Jim Dye, N5JZ - N5jz@aol.com
 Theda Harrison, KC5QZZ - kc5qzz1@juno.com

QRO Awards Coming in March

If you taught a class, gave a tutorial club presentation or presented training on a RACES net, please drop KC5QHH a line. Make sure you don't miss out on getting the coveted QRO award!

General Quarters !

The General class is coming in April and May. The class will use the highly acclaimed ARRL - King School tapes and will run for 6 weeks. The text will be the ARRL General Class License Manual. This class is designed to work with the Technician and the Code Class making it possible to go from zero to General in four months. C - U - on the low bands!

UPCOMING EVENTS

2001

March 3, 2001 - Red Bud Romp - A short run in Denton, Texas from the Town Square and around the TWU Campus, start time 8:00am till 10:00am, Saturday, February 3, 2001. The DCARA will be doing communications, come by and help, all welcome. Contact is James Dye, N5JZ.

March 31, 2001 - Mesquite Rodeo Parade - The Ham Association of Mesquite (HAM) finds itself in need of radio operators. On Saturday March 31st, the 46th annual Mesquite Rodeo Parade is scheduled. It is also going to celebrate the century mark for MISD. Any interested folks can sign-up by sending an e-mail to Rob Ashmore at rashmore@swbell.net. On the HAM Tuesday on air net, open to all licensed amateurs, we will take names of those that can volunteer a few hours of their time. The net is on Tuesday evening on the HAM repeater at 145.310 (-) with a PL of 162.2 at 8:00 p.m. This repeater will be used for talk-in on Saturday morning.

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.

June 2-3, 2001 - Dallas Air Show - Looks like we having an Air Show at Love Field this year. Stand-by for details.

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

VP-NOTES

I would like to thank Jim Haynie (W5JBP) for being at our January meeting, and giving us an update on what is happening in the ARRL, and around the world. Would you have believed a budget of 3.7 million dollars to run and organization that supports a hobby? I can think of a lot of groups who would enjoy having that kind of money to work with. WOW! I think that those of you who were there surely got a good review of what it costs to insure our hobby's continued survival in a world that would love to have a lot of our air space for other that pleasure. To those of you in attendance, and to those of you who missed it, be reminded that we as "HAMS" need to continue to work hard to keep our frequencies. Our booth space at the 2001 Star spangled 4th celebration is assured and (thanks to K8DNE) we even have a special events call sign. W5G. So for those of you, who volunteered to organize the booth, press on and thanks for stepping up to the plate. This month's program will be an activity report on the 2000 special events. The number of operators, the number of hours, etc will be discussed. It should amaze us all at how involved this club is in our community. W5BJ, N5TIM, and of

course K8DNE will be the presenters. March is of course election time. Remember that your dues are due, and need to be paid before you can vote. Good luck and thanks to our nominating committee
73's to all -30-
Clay KC5MXN V-President

No Code Turns Ten

* Code-free Technician ticket turns 10: Valentine's Day, February 14, marked the 10th anniversary of the elimination of the Morse code requirement to obtain a Technician license. For the first time, starting on February 14, 1991, applicants could obtain an Amateur Radio license in the US without having to take a Morse code examination. The ARRL was among several petitioners for a codeless license--quite a controversial issue at the time.

In putting out the welcome mat to the new class of Amateurs in his "It Seems to Us . . ." editorial in the February 1991 QST, ARRL Executive Vice President David Sumner, K1ZZ, predicted that five years down the road, "our first codeless amateurs will be providing personnel and leadership in local public service communications efforts

from coast to coast." That prediction turned out to be right on the money. The Technician license has proved popular over the years, and Technician and Tech Plus licensees far outnumber other license classes today.**

FCC QUERIES WIRELESS 'NET PROVIDER ABOUT INTERFERENCE TO HAMS

The FCC has asked a wireless Internet system provider what it intends to do to eliminate interference to Amateur Radio operations in the Dallas, Texas area. The FCC wrote Darwin Networks Inc on February 8, 2001, regarding complaints of harmful interference to Amateur TV on 2.4 GHz that's said to be a result of the company's deployment of Part 15 devices in an apartment complex.

The FCC said Darwin Networks' Part 15 devices at the Post Townlake Village property in Dallas apparently were installed in the apartment complex to provide Internet service using wireless 2.4 GHz nodes from Cisco Inc.

In the letter, FCC Special Counsel for Amateur Radio Enforcement Riley Hollingsworth noted that operators of

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INTERFERENCE TO HAMS

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Part 15 devices are required to cease operation should harmful interference occur to authorized (ie, licensed) spectrum users.

"Darwin Networks is obligated under Commission rules to locate the source of interference caused by its equipment and make necessary corrections within a reasonable time," he said.

According to Hollingsworth, Darwin had written the unidentified complainant stating that its devices were operating under Part 18 Industrial, Scientific and Medical rules, which would not obligate the company to resolve amateur complaints. But Hollingsworth said it appears that Darwin is not operating Part 18 ISM devices but Part 15 devices that are not covered by the same sort of exemption.

Hollingsworth gave Darwin Networks 10 days to reply.

Lawmaker Exempts Hams

* Texas lawmaker exempts hams in amended tower proposal: As a result of intervention from the ARRL, Texas House of Representatives member Robert Cook has agreed to amend a proposed bill, HB 1148, aimed at regulating antenna construction, height, lighting and location, to include a new section that excludes Amateur Radio. The new section, 240.082.5 EXCLUSIONS, is now worded to say: "Nothing herein shall be construed to regulate, nor shall it regulate, antennas, antenna support structures, devices or facilities, installed, maintained and used exclusively for Amateur Radio communications by Amateur Radio operators licensed by the Federal Communications Commission." ARRL assisted Rep Cook in wording the specific exemption. In a separate action, another proposal, Texas House Bill 1492, would require all towers taller than 50 feet to be painted and marked in accordance with aviation safety regulations. ARRL President Jim Haynie, W5JBP, has suggested that Texas amateurs contact the bill's sponsor, State Rep Rick Hardcastle, rick.hardcastle@house.state.tx.us, and voice objections to the bill in its present form. **

Oscillating preamps generate interference

Oscillating preamps generate rash of interference complaints: The FCC reports it's gotten word of a rash of interference problems created by oscillating preamplifiers built into Winegard TV antennas used primarily on RVs, campers and motor homes. The oscillations generally appear in the 400-500 MHz range--and sometimes elsewhere--and have caused interference problems to public safety and Amateur Radio operation at distances of several miles away. The FCC's Gary Hendrickson says Winegard has acknowledged the problem and estimates that there may be as many as 40,000 defective units in the field, which it has agreed to replace at no charge.

Owners, RV dealers or repair shops that might have new, but defective, units in stock should contact the factory at Burlington, Iowa, at 319-754-0600. Winegard also has proposed a proactive program in which service technicians will visit the larger campgrounds, rallies and dealers around the country, actively look for defective/radiating units in operation or on the dealer's shelves, and replace them at no charge to the customer, regardless of the age of the unit.--Gary Hendrickson/FCC **

Exposing our youngsters to Amateur Radio is probably the best way to ensure that our hobby grows. Examples set today with our youth will be reflected in the quality of tomorrow's operator. Both the "little" boys and the "big" boys shared an exciting adventure in the great Canadian wilderness, an adventure that included Amateur Radio.

The late June sun was low on the horizon as we packed my truck with camping and Amateur Radio gear for another Canadian adventure. Our group consisted of my son, John III, KC7FVA; his son John IV, age 6; my oldest grandson Kenny, age 8 and my son-in-law, Will. Our destination was Canada's Carp Lake Provincial Park, 141 km north of Prince George, in beautiful British Columbia.



John KL7JR tuning up on 20-meters as grandsons Johnny (l) and Kenny (r) look on.

After two days of nonstop rain, the sun finally appeared as we exited Highway 97 onto the 15-mile long logging road leading to the park. Long famous for its rainbow trout, the lake was named for a passage in explorer Simon Fraser's 1805 journal, where he stated that the Carrier Sekani Indians came to the lake to "catch immense numbers of fish of the carp kind." Today Carp Lake Provincial Park remains isolated in a timbered pristine setting attracting visitors with its many islands, bays and coves.

I, the OM--also known as "Grandpa John"--unpacked the radio gear while the crew made camp under large tarps. More rain was in the forecast, and we weren't taking any chances. Under my supervision, Johnny and Kenny worked a couple of W6s and W7s on 20-meter phone using the North Country DX Association's call sign K7ICE/VE7. They were very excitedly telling all who would listen about their trip so far.



Johnny (left) and Kenny work DX on 20-meter phone. Note the antenna in the background.

Next we worked JG4QFG, KC4YPX/7 and several others. Our operating position was under a couple of tall spruce trees overlooking the lake. My old transceiver, a Yaesu FT-747GX, sat on a Rubbermaid container and our homebrew 20-meter pipe vertical antenna was set up casually, leaning against a tree. I forgot to pack wire for the ground radials, but, fortunately, I
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FOR SALE

1. A HF4B beam. Works
10/15/20/17/12 weighs abt 16lbs .
Gives you 3db to 5 db on a six
foot boom. Can be turned with a tv
rotor. \$45.00
2. Two (2) Archer rotators with
the control head, everything
works. These are the big rotors
and will turn a small beam (like
the HF4B easy). \$45.00
3. A Kenwood TS 140. 100 w hf rig,
100 memorys, dual vfos, noise
blanker. Works great, non smoker
shack. Comes with a mike, manual
and power cord. \$400.00

For additional Details Contact

K1zw Larry

Qcwa

EMAIL: ac5ez@webtv.net

972 270 4948

*** NOTE: GARC Members with Amateur items for sale or trade may send a list of these items, terms and the call and phone number of the seller to the Arclite Editor. The GARC assumes no responsibility for the condition of the items or the accuracy of the listing. The GARC recommends that the purchaser make every effort to inspect their items before concluding any deals. Space is provided at no charge to members to the extent that space is available.

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.
Feb 19, 2001**

The meeting was called to order at 7:00pm. Kay Duncan, Allen Yoder, Randy Dunning, Ed Hubbuch, James Schroeder, and Bob Jones attended.

Kay called the meeting to order.

Details of the plans made thus far by the Election committee we held by James Schroeder. The GARC sign was inspected and will be on display at future GARC functions. A motion to purchase a desktop microphone for use in the ECC was brought up by Bob Jones and Kay and Randy made a motion to purchase a SM6 microphone costing upto \$100.00

Ed reported on the cost of the weather station to be raffled at the skywarn school. The cost of raffle tickets was discussed and set.

Allen Yoder discussed setting up a special fund for the sole purpose of purchasing a new HF rig to replace the 20 year old Icom rig in the ECC.

The contract renewal for the use of the ECC building was discussed, Ed will see to it that the correct papers are signed.

The importance of the School Project was discussed and will be dealt with on a priority basis after the elections.

Randy reported that he had classes scheduled up to the beginning of summer.

Ed reported on the status of the club treasury and presented a report to the officers.

Having no further business to conduct at the moment Kay made a motion to adjourn and Randy 2nded the motion.

Reported by Allen Yoder

**MINUTES
Of January 2001 Meeting
GARLAND AMATEUR
RADIO CLUB, INC.**

The minutes of the January meeting were not available at press time. They will be read aloud during the February meeting by Kaye Duncan.

ARTICLES MARKED **

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March 2001

SUN	MON	TUE	WED	THU	FRI	SAT
				1 147.18 Park Net GARC RACES NET	2	3
4	5 GARC NET Richardson Races 147.12	6 Code Class ECC 7:30p	7 DARC MEETING 146.94 Swap Net	8 147.18 Park Net GARC RACES NET	9	10 DARC VEC TEST
11	12 GARC NET	13 Code Class ECC 7:30p	14 146.94 Swap Net	15 147.18 Park Net GARC RACES NET	16	17
18	19 GARC NET Richardson Races 147.12	20 Code Class ECC 7:30p	21 146.94 Swap Net	22 VEC TEST	23	24
25	26 27 GARC MEETING	27 Code Class ECC 7:30p	28 146.94 Swap Net	29 147.18 Park Net GARC RACES NET	30	31



GARC K5QHD Membership Application Form

Full (Amateur License Required) membership - \$15.00/year
Life (20 times above rate) membership — \$300 (65+ is \$150, one payment attach proof of age)
Senior membership — \$10.00/ Year (Over 65) or Legally Disabled.
Family membership — \$5/year (must have one of the above) **RENEWAL Y/N:** _____
Associate membership — \$15/year (for those not yet licensed)
Student membership — \$10.00/year (must be full time student) **DATE:** _____

NAME: _____

CALL SIGN: _____ **Class of License:** _____

EMAIL ADDRESS : _____

WOULD YOU PREFER TO RECEIVE YOUR NEWSLETTER VIA EMAIL OR US-MAIL? EMAIL SAVES THE CLUB POSTAGE AND PRINTING COST, SAVINGS ARE USED TO FINACE REPEATOR UPGRADES & MAINTANCE, NEW EQUIPMENT , CLUB ACTIVITIES AND PARTIES.

EMAIL ONLY : _____ US-MAIL: _____ BOTH: _____

MAILING ADDRESS: _____

CITY: _____ **STATE:** _____ **ZIP:** _____

HOME -PHONE (_____) _____ WORK -PHONE (_____) _____

PAGER (_____) _____ CELL-PHONE (_____) _____

Do you prefer your membership data (email/phone/address) to be kept confidential? _____

PAID ARRL MEMBER Y/N: _____ RACES Member Y/N: _____

Occupation: _____ ARES MEMBER or ARRL Appointment: _____

Other Hobbies or Interest: _____

Would you like to learn more about the rewards of being a club officer, Y/N: _____

Would you like to learn more about public service events? Y/N : _____

Would you like to upgrade your Amateur License Y/N: _____

COMMENTS: _____

Payment Type: Check Amount \$ _____ Check # _____ Cash Tendered \$ _____



Be sure to include your dues check for the appropriate amount:
Mail to: GARC Treasurer 1027B West Austin Street. Garland, Texas. 75040

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had brought along spare coax, and we used it to make up three radials. The band crashed just as KC7FVA and Will returned from a canoe ride. Early the next morning we paddled across Kettle Bay to Juniper Island, the fishing "hot spot" of the lake. Of course we took the rig with us. When we weren't out in the canoe catching rainbow trout and whitefish, we were making contacts on 20 meters using a dipole strung in the trees. Johnny and Kenny were at it again. Propagation was fair, with stateside contacts dominating our log. The boys were accustomed to operating from my shack at home, but this business of outdoor radioing really got to them. Meanwhile, John and Will were having a great time fishing nearby. Four hours later ominous black clouds moved in as we pointed the canoe toward our shore camp.



Will, K7ICE/VE7, works a small pileup. When the weather was good, the DX was hot!



K7ICE/VE7's homebrew 20-meter pipe vertical, complete with ground radials

We arrived just before the storm. Lightning flashed as we huddled under the tarps. The boys looked like penguins in their long raincoats! Later we enjoyed a delicious campfire meal of fried fish and potatoes. The storm had blown over, so it was once again safe to hook up the antenna and fire up the rig.

Johnny became speechless when a KL7 called him. Kenny said, "Here, Johnny, let me show you what to do, because I've talked to Australia before." We all had a chuckle over that as Kenny told the Alaskan station all about his radio conquests. Later we worked my northern friends, Dave, VE5AMI, and Sherry, WL7MA. I'd first met "Dempster Dave" at his cabin beside the Yukon's Dempster Highway back in 1991. Dave was surprised that I recognized his voice and remembered our meeting. John and Will returned to camp with two nice rainbow trout for our evening meal. The rainbows weren't the only ones getting hooked around here. Johnny and Kenny were sure enjoying Amateur Radio! Will made a few short contacts to Oregon before the band dropped out. By noon the next day 20 meters was wide open to North America, with strong signals mainly from eastern Canada. Most of the stations couldn't believe we were so loud from western Canada. I told the boys it was grandpa's secret DX antenna! For the next three days we experienced about the same weather pattern of intermittent rain, lightning and heavy rain then brief periods of sunshine. This didn't dampen our spirits; we were having too much fun. Propagation was best an hour before the lightning started, and later just as the sun would reappear, following the passage of the storm.



Main camp. Will, Kenny (standing), Johnny and John, KC7FVA.

Captain John, KC7FVA, en route to our fishing and DX camp.



Although we deliberately left no physical trace of our having been there, the photographs, radio contacts and fond memories will long be with us. Thanks to all the hams--and especially to WA6DDM, who asked the "right" questions of the boys, to further pique their interests. I'd say Amateur Radio has left a lasting impression on the boys.

Expose your children or grandchildren to Amateur Radio: the memories *are* priceless!



Johnny (left) and Kenny "ham" it up.

[All photos by the author]

*Editor's note: John Reisenauer Jr, KL7JR, lives in Benton City Washington. An ARRL member, he's also written an article about his rafting trip down the Missouri River to be the first to activate Montana islands for the US Islands Award program. In that story he provides construction details for the 20-meter vertical antenna used in this article. See the Web for details. Readers may contact the author directly at kl7jr@arrl.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