

The ARCLITE

Volume 28, Issue 01

GARC Information Line 972 272-4499

Jan 2000

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From the Prez....

The December party is over and my thanks to all the people who put it together. We had Garland Mayor Jim Spense as the guest of honor. Between the music provided by several and the food, everyone went home with an extended Christmas feeling.

Once again I can only offer my thanks to the membership who helped us on the Y2K rollover. Thanks in part to a lot of efforts by the cities of Garland and Rowlett, the start came and went without so much as a whimper. I think we can call the Y2K rollover, Apocalypse NOT. Our VP, Clay Orchard, KC5MXN, is trying to get numbers together on the number of volunteers and man hours. I hope he will be able to give us these at the next meeting.

Our work with the fire and police departments went exceptionally well. The Garland Fire department does not want us to take the antennas down that were installed at the local fire stations. We are leaving them there for a major deployment. Now that both the Fire and Police departments see how we work and what our capabilities are, the working relationship has improved.

There is something I want resolved prior to conclusion of my term as president. The original charter members of the GARC were awarded lifetime memberships some time ago. Somehow, they have fallen off of the database and this has

(Continued on page 2)



Monthly GARC Meeting: Jan 24, 2000

What's New with the ARRL

**By Jim Haynie, W5JBP
Director of the West Gulf Division of the ARRL**

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From the Prez (Continued)C*(Continued from page 1)*

caused very hard feelings. If any knows who these people are and their call signs, please contact me so this can be corrected. We have just updated the database with a new category of membership and I very much want to get this corrected.

We have elections coming up in March. Harold Yoder (N5MQA) and John Dake (KD5CTS) have agreed to be on the nomination committee this year. If anyone would like to run for office, please contact them in the very near future. All offices need candidates!

I hope to see you all at the next meeting

73's

Gerry, WD4BIS

Looking for GARC Charter Members!!!!

Do you know any of the original GARC members? They have accidentally been dropped from the GARC roster, and we'd like to identify them again and get them returned to the roster as the Life Members they are.

But to do this, we need your help, especially of all the long-time club members. Please give the GARC newsletter editor (Janet Crenshaw, WB9ZPH) or the GARC President (Gerry Crenshaw, WD4BIS) any names and calls that you recall. Address information would also be appreciated, but we can look those up as needed.

Please help us correct our error and welcome them back to the GARC. We've missed them.

-Arclite Editor
Janet, WB9ZPH
email: *Janet11@airmail.net*

**Monday Night Info Net**

The following have volunteered to be control operators for the Monday night information nets:

Reminder: a sample "script" for new control operators is available on

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

Thank you to all the volunteers.

2000: January	Janet Crenshaw, WB9ZPH
February	No volunteer yet
March	No volunteer yet
April	No volunteer yet
May	No volunteer yet
June	No volunteer yet
July	No volunteer yet
August	No volunteer yet
September	No volunteer yet
October	No volunteer yet
November	No volunteer yet
December	No volunteer yet

If you're willing to volunteer, but are just not sure if you have the time, remember that many of us have unexpected problems come up during our month. It's usually not too difficult to call a few c

If you'd like to volunteer to be a substitute, contact the communications operator and let him know. Your efforts will be appreciated.



Y2K Report by Clay Orchard KC5MXN

The Y2K transition came and went as a wonderfully boring nonevent. The city of Garland along with many other municipalities through out Dallas county had their ducks all lined up and were as ready as could be for whatever might come along. As each of you know, it turned out to be a great exercise in getting prepared. Most of us spent more time and effort making sure that our homes, equipment, and ourselves were better prepared than ever.

Several months and countless hours were expended in support of the City. We built coax cables, assembled and installed antennas, and conducted system test in preparation for the big day (night). Not only did our R.A.C.E.S. radio officer attend many meetings with the City, but the ARO's and the NCS's held several planning meetings to insure that we were ready.

The work load was divided into teams, each with a leader who was responsible for site surveys, installation planning and coordination, installation and testing. Teams included, Police, Fire, EOC's, water, electrical, fleet, warehouse, hospital, othernets/telecom, and Net controls. These teams had things so under control, that if there was a glitch in our readiness, it went by unnoticed.

Kudos' need to be given to Carol Jones (XYL of W5BJ) for being extra supportive of Bob, since not only did he help with the Star Spangled 4th, Autumnfest, and Christmas on the Square, He also was the lead man on the White Rock Marathon. Bob had a full plate in the last half of 1999 and did not let us down. As WT5Q would say, we need to thank Carol for letting Bob come out and Play.

The log shows that we had 41 operators logged into the net on the 31st, committing 130 operators hours to the City. To each of you who made time for the city even if your shift didn't have to work, the City and the planners say Thank You for being a part of this exercise..

Clay Orchard KC5MXN
V.P.GARC....73's

Since you are the chairman (I voted three times for you)I thought I would

GARC Elections Soon

This is a reminder that you will be electing a new board for the GARC in March, 2000. But in order to vote, you will need to have your dues up to date.

Also, Harold Yoder (N5MQA) and John Dake (KD5CTS) have agreed to be on the nomination committee to look for candidates for offices. Several people have volunteered to run for some of the offices, but it would be nice to have more than one run for each office.

So, the nominating committee has a request for all those who would like to put their name in for consideration: please send in your name, call sign, office you'd like to hold, and a short commentary to introduce yourself to new members. These will be published in the February Arclite.

This is a great way for new members to learn more about the people in the GARC, and will help them decide who they'd like to vote for. I hope there will be many applicants for each position (especially for that of Arclite Editor (*grin*)).



Skywarn School Schedule

January 20, 2000: Collin County - Plano City Council Chambers at the Plano City Hall, Plano - 7pm. Talk-in 147.18+

January 29, 2000: Tarrant County - Richland Hills H.S., Loop 820 / Holiday Lane, Richland Hills - 8:00am.

February 26, 2000: Dallas County - Garland Performing Arts Center, Garland - 9am **25th Anniversary** - Talk-in on 146.66- & 146.88-

March 9, 2000: Hunt County - Greenville Civic Center, Greenville - 6:30pm



ARRL letter on License Restructuring

Amateur Restructuring is Here: Three License Classes, One Code Speed

NEWINGTON, CT, Dec 30, 1999--Amateur Radio will get a new look in the new millennium. The FCC today issued its long-awaited Report and Order in the 1998 Biennial Regulatory Review of Part 97--more commonly known as "license restructuring." The bottom line is that starting April 15, 2000, there will be three license classes--Technician, General, and Amateur Extra--and a single Morse code requirement--5 WPM.

"We believe that an individual's ability to demonstrate increased Morse code proficiency is not necessarily indicative of that individual's ability to contribute to the advancement of the radio art," the FCC said.

Besides drastically streamlining the Amateur Radio licensing process, the FCC said its actions would "eliminate unnecessary requirements that may discourage or limit individuals from becoming trained operators, technicians, and electronic experts."

Although no new Novice and Advanced licenses will be issued after the effective date of the Report and Order, the FCC does not plan to automatically upgrade any existing license privileges. The ARRL had proposed a one-time across-the-board upgrading of current Novice and Tech Plus licensees to General class, but the FCC declined to adopt the idea. This means that current licensees will retain their current operating privileges, including access to various modes and subbands, and will be able to renew their licenses indefinitely.

Starting April 15, 2000, individuals who qualified for the Technician class license prior to March 21, 1987, will be able to upgrade to General class by providing documentary proof to a Volunteer Examiner Coordinator, paying an application fee, and completing FCC Form 605.

The FCC's decision not to automatically upgrade Novice and Tech Plus licensees means the current Novice/Tech Plus HF subbands will remain and not be "reformed" to higher class licensees as the ARRL had proposed. The FCC said it did not reform these subbands because there was "no consensus" within the amateur community as to what to do with them.

As it had proposed earlier, the FCC decided to lump Technician and Tech Plus licensees into a single licensee database, all designated as "Technician" licensees. Those who can document having passed the 5 WPM Morse code examination will continue to have the current Tech Plus HF privileges. "If documentation is needed to verify whether a licensee has passed a telegraphy examination, we may request the documentation from that licensee or the VECs," the FCC said.

In addition to reducing the number of license classes from six to three and eliminating the 20 and 13 WPM code tests, the FCC also will reduce the number of written examination elements from five to three, authorize Advanced Class hams to prepare and administer General class examinations, and eliminate Radio Amateur Civil Emergency Service (RACES) station licenses. RACES will remain, however. "After review of the record, we conclude that we should eliminate RACES station licenses because RACES station licenses are unnecessary for amateur stations and amateur service licenses to provide emergency communications," the FCC said.

Under the new licensing scheme, there will be four examination elements. Element 1 will be the 5 WPM Morse code exam. Element 2 will be a 35-question written test to obtain a Technician license; Element 3 will be a 35-question written test to obtain a General license, and Element 4 will be a 50-question written test for the Amateur Extra license. The FCC has left it in the hands of the National Conference of VECs Question Pool Committee to determine the specific mix and makeup of written examination questions. Current Amateur Radio study materials remain valid at least until the new rules become effective in April.

The FCC's new licensing plan means someone will be able to become a ham by passing a single 35-question written examination. The plan also simplifies and shortens the upgrade path from the ground floor through Amateur Extra--especially since amateurs will only have to pass one Morse code test.

Elimination of the 13 and 20 WPM Morse requirements also means an end to physician certification waivers for applicants claiming an inability to pass the Morse code examination due to physical handicap.

The effective date provides a window of upgrade opportunity for current Advanced licensees. Between now and April 15, current Advanced holders may take the existing Element 4B, a 40-question test, giving them credit for having passed the current Extra written examination. Likewise, holders of a Certificate of Successful Completion of Examination (CSCE) for Elements 3B or 4B dated on or after April 17, 1999, will be able to qualify for General or Amateur Extra respectively when the new rules go into effect on April 15, 2000.

The FCC disagreed with the League's suggestion that it undertake a restructuring of operating privileges along with licensing restructuring. "We believe that in light of ongoing discussions concerning implementation of new and more modern communications technologies within the amateur service community, we should accord the amateur service community an opportunity to complete such discussions and possibly reach a consensus regarding implementation of new technologies before we undertake a comprehensive restructuring of the amateur service

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ARRL letter on License Restructuring (continued)

(Continued from page 4)

operating privileges and frequencies," the FCC said in its Report and Order.

In its amendments to Part 97, the FCC's Report and Order refers to a "Club Station Call Sign Administrator," something that does not exist under the current rules and which was not explained in the R&O itself. An FCC spokesperson said the Commission plans to issue a Public Notice soon to explain the program and to solicit qualified entities to serve as call sign administrators for club station applications.

A copy of the entire Report and Order (FCC 99-412) is available on the GARC web site at <http://www.qsl.net/garc/>

Rick Lindquist, N1RL
Senior News Editor, ARRL HQ , email: n1rl@arrl.org



Frequently Asked Questions about the Restructuring (from the ARRL)

1. Will anyone lose any Amateur Radio operating privileges after April 15, 2000?

No! All current license classes and privileges will remain the same, and all licensees will be able to renew their licenses indefinitely. (The sole exception is for those who obtained a Technician license or exam credit prior to March 21, 1987--see question 4, below.) The primary difference is that the FCC will stop issuing new Novice and Advanced class licenses after April 15, 2000. Beyond that, current Technician and Technician Plus licensees will be lumped into a single Technician license.

2. I currently hold a Tech Plus license. Can I take the current General class written examination (Element 3B) right now, then apply for an upgrade to General after April 15, 2000? I'm a little confused on this point.

Yes. The FCC has told the League that current Tech Plus licensees holding a Certificate of Successful Completion of Examination (CSCE) for Element 3B on April 15, 2000, may apply for a General class upgrade. The present Element 3B examination has 30 questions; the new Element 3 test will have 35, so the advantage to test before April 15, 2000, is slight. CSCE holders must attend a Volunteer Examiner session, complete Form 605, attach a valid CSCE, and pay the required application fee (\$6.65 for the ARRL-V

3. I hold an Advanced class license. Can I take the current Amateur Extra class written examination (Element 4B) right now, then apply for an upgrade to Extra after April 15, 2000?

Yes. The FCC has told the League that current Advanced licensees holding a CSCE for Element 4B on April 15, 2000, may apply for an Amateur Extra class upgrade. See question 2, above. The advantage here is that the current Advanced licensee will face a slightly shorter 40-question examination under the current licensing regime to get a CSCE for the current Element 4B. The new Extra class Element 4 will contain 50 questions (and is expected to contain many of the present Advanced class ques

4. I got my Technician license under the old system prior to March 21, 1987, and I now hold a Tech Plus license as a result. I understand that I'm now eligible to upgrade to General without having to take an additional examination. Is this correct?

Yes. Holders of a pre-March 21, 1987, Technician class license (or a CSCE) may claim credit for a new General class license after April 15, 2000. This is because under the old system, the written examination for Technician and General class was identical; the only difference was that Technicians had to pass a 5 WPM Morse code test, while Generals had to pass a 13 WPM Morse code test. The upgrade is not automatic, however. You will have to apply through a Volunteer Examiner test session, complete Form 605,

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5. What do I need for "documentary proof" of having held my Technician license before March 21, 1987?

Obviously, if you have an original or a copy of your Technician license issued anytime prior to March 21, 1987, that would suffice. Other documentary evidence could include an original CSCE for Element 3 issued prior to that date; an FCC verification letter of having held a Technician license prior to March 21, 1987; a document from the FCC's contractor, ITS Inc; or possibly a *Callbook* listing dated prior to March 21, 1987, indicating your license class as Technician.

6. I've lost my old license and didn't keep any copies. How do I get verification from the FCC that I held a Technician license prior to March 21, 1987?

You can write the FCC, Wireless Telecommunications Bureau, 1270 Fairfield Rd, Gettysburg, PA 17325. Provide the FCC with your name, address, and current call sign as well as all details of your licensing. The FCC may be able to verify in writing that you held a Technician license prior to March 21, 1987. You also may contact ITS Inc (visit <http://www.itsdocs.com/>). For a fee, ITS will research prior licensing records and should be able to provide you with the necessary

7. I've got an Advanced ticket now. Someone told me that I'll revert to General on April 15, 2000. Is this true?

Absolutely not, although this rumor has been making the rounds on the Internet and on-air discussion groups. You will continue to be an Advanced class licensee and have Advanced class privileges after April 15. Again, no one loses any privileges, and all license classes stay the same.

8. How can I find out where there's a Volunteer Examiner session so I can apply for an upgrade or take an examination element?

A session search engine is available on *ARRLWeb* at <http://www.arrl.org/arrlvec/examsearch.phtml>. Also, feel free to contact local VEs or ask local clubs for information on testing sessions in your area.

9. I now hold a General class ticket. Since there won't be any more Advanced tickets issued after April 15, 2000, can't I just take the current Amateur Extra written examination (Element 4B) and use the CSCE to get my Amateur Extra when the new rules become effective?

Nice try, but, the answer is no. If you're going to take your examination before April 15, 2000, you must complete both Element 4A (instant upgrade to Advanced) and Element 4B, then take your CSCE for Element 4B to a VE session on or after April 15 to apply for your Amateur Extra ticket (this means filling out Form 605 and paying the application fee, if any, to the VEC). And yes, in this example, it means you would need to appear at *two* test sessions. You also could just wait until April 15 and take

10. I've got my Advanced now and want to take Element 4B before April 15, 2000. What license manual should I study?

The new question pool has not been developed yet for the post-April 15, 2000, tests. Use the current *Extra Class License Manual*, available from the ARRL. New study guides will be developed to reflect the new testing regime. Likewise, those wanting to take Element 3B to upgrade from Tech Plus to General should study the current *General Class License Manual*, available from the AR

11. Can I use my valid Element 4B credit CSCE for the Extra written examination element to upgrade before April 15, 2000?

Only if you also pass the 20 WPM Morse code examination. Otherwise, you'll have to apply after April 15, 2000, when the new rules become effective. Remember, your Element 4B CSCE must be dated on or after April 17, 1999, in order to be valid on April 15, 2000. A CSCE is only valid for 365 days.

12. I'd heard that Novices and Tech Pluses would be getting an automatic upgrade to General when the new rules go into effect. Is this true?

Unfortunately, no. In its comments to the FCC, the ARRL had proposed that the FCC upgrade all holders of Novice and Tech Plus licenses to General class as a one-time action to permit "refarming" current Novice/Tech Plus HF subbands for higher-class licensees. The FCC did not adopt this recommendation in its *Report and Order* of December 30, 1999, however.



Things to Do

Garland Area Public Service Events

from John Galvin, N5TIM (<http://www.qsl.net/n5tim/>)c

Ongoing Events

Garland Siren Test - Monthly - 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 (bobj1@airmail.net) if interested in helping out.

Sachse Siren Test - Saturdays - The early warning sirens located in Sachse are normally tested by the city each Saturday at noon, weather permitting. Participants are requested to be on site in Sachse by 11:45am and on frequency which is normally the GARC repeater at 146.660Mhz with 600Khz negative offset.

RACES participation credit is given towards fulfilling the yearly public service requirements. Amateur radio operators wishing to help with these siren tests should contact Doug Yates, AA5BP at 972-530-1850 (home phone with voice mail).

Upcoming Events

January 2000

Skywarn School, January 20, Collin County.

Skywarn School, January 29, Tarrant County..

Dino Dash, January 29 - Yearly walk/run in Dallas. More information coming. Contact is Jim Galloway, N5MDI, jamesg@airmail.net or use the easy sign-up form online at <http://www.qsl.net/n5tim/sign-mdi.htm>

February 2000

Skywarn School, February 26, 25th Anniversary of Dallas County Skywarn School being held at the Garland Performing Arts Center

March 2000

Denton MS Walk - March 25, 2000 - MS walk in Denton, Texas. See the Texas MS web site for more information at <http://www.txd.nmss.org>

April 2000

Plano MS Walk - April 2, 2000 - Sunday MS Walk in Plano, Texas.

Dallas MS Walk - April 9, 2000 - Sunday MS Walk in Dallas, Texas.



Reports on Past Events

Downtown Christmas Tree Lighting - December 9, 1999 - The annual Garland Christmas on the Square, Christmas Tree Lighting and Santa arrival was again supported by members of the Garland Amateur Radio Club.

The following provided communications for this unusually cold event; KC5MXN, KC5GGZ, WB5WUB, KD5EWT, WD4BIS, WB9ZPH, KD5IOC, KM5VZ & XYL on scanner, KA5IAA, N5DGR, NA5T, KC5WYE, AC5AX, W5BJ, KC5EOR, WA9WCC, KC5VEW and WT5Q on site if needed.

If we had a Polar bear award, there many of you that would qualify (so says KC5MXN). Once again, the city organizers were well pleased with the support of amateur radio and we're to do it again next year . Contact Clay Orchard, KC5MXN, mcorch@juno.com with any follow up for this event.

White Rock Marathon - December 5, 1999 - The 30th running of the Marathon was again quite successful with very few transports and injuries. There were a total of 52 amateurs from a host of local clubs putting in 416 hours of public service hours. The following amateurs provided communication support this year; AA5QX, AA7XC, AB5QZ, AC5DT, K5DTN, K8DNE, KA5TYW, KA5ZWY, KA5ALM, KC5FEZ, KC5GGZ, KC5GNG, KF9AS, KM5VZ, N5KKM, N5MDI, N5NOT, N5CSU, N5LZX, N5OD, N5TIM, N5YDX, N8QVT, W5BJ, W5LEP, W5QPP, WA5MWD, WA9WCC, WB5WUB, WD4BIS, WT5Q, N5UOI, KC5REE, KC5SDY, KD4LKH, KD5EWT, KD5INZ, KD5OUG, KF5FD, N7EKG , W9BWS, KC5IXE, KJ5VL, N5BKV, K5TVB, N5DWV, KD5CTS, KC5FEZ, KD5IOC, N5CSU, KD5INZ and WB5TFW. Please contact Bob Jones, W5BJ with any follow up comments.



1999 VE Summary By Bill Reynolds, K8DNE

Applicants	Earned New License	Earned Upgrade	Earned Partial Upgrade	Applicants Failed	Total Exams Given
Jan 99	6	1	1	6	30
Feb 99	3	1	1	5	17
Mar 99	4	1	2	8	21
Apr 99	6	1	3	1	18
May 99	3	0	3	4	14
Hamcom	19	15	10	28	108
June 99	0	0	7	4	13
July 99	6	2	6	12	33
Aug 99	2	1	5	2	18
Sept 99	1	0	0	6	7
Oct 99	5	6	1	6	27
Nov 99	No Exam session due to Thanksgiving				
Dec 99	2	2	0	1	7
Totals:	57	30	39	83	313

Garland Area ARRL VE Team

As seen from the above table, the Garland area ARRL V.E. Team is responsible for upgrading 30 amateurs and creating 57 new amateur radio operators so far during 1999. The team has provided services of some kind, including single element testing or partial upgrading, to 209 applicants (giving a total of 313 exams).

Examination Team:

WAYNE BAIRD	AA5NE
TERRY BARLOW	AC5AX
EUGENE L. BARNARD	W5QPP
ROBERT BEAUDET	W1YRC
ROBERT M. BOND	W5LXN
MARK COLLINS	KB5RXL
MIKE COLLINS	KJ5VL
GERRY CRENSHAW	WD4BIS
JANET CRENSHAW	WB9ZPH
MIKE DURBIN	WA5TKC

JOHN KIEWER	AC5NB
MAX MONDRAGON	KC5INV
ED PRASIFKA	KF5NQ
JACOB SCHROEDER	AC5NA
JENNILYN SCHROEDER	KC5YZK
RANDY DUNNING	KC5QHH
KAREN DUNNING	W4YHN
WILLIAM RICHARDS	KM5VZ

Anyone wishing to become a team member, please contact K8DNE and I will do all the paperwork necessary. The basic requirements are that the V.E. applicant be at least 18 years of age and hold at least a General class amateur radio license.

Submitted by:

W.H. (Bill) Reynolds, K8DNE
Garland Area ARRL Liaison V.E.
V.E. Recording: 972 475-9407
Email: k8dne@airmail.net

Training

GARC Training Schedule for 2000 Randy Dunning, KC5QHH, Education Officer

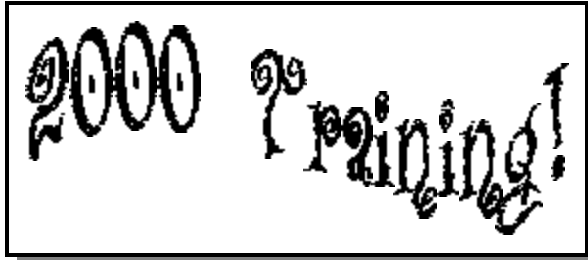
The GARC Training Department announces **Upgrade-Fest 2000!** With the changes in the license structure blowing in with the April storms, we have set a training schedule designed to assist those who would like to maximize their benefits under the new system. A student can go from zero to 5 WPM Technician with a General CSE in 9 weeks. All classes start at 7:00 PM

License Preparation Classes

Technician Theory

sharp!

Tuesdays at 7pm: Jan 25, Feb 1, Feb 8, Feb 15,



Feb 22. This is to prepare you for the testing

Morse Code (5 WPM)

session on Feb 24.

5 WPM - Thursdays at 7pm: Feb 3, Feb 10, Feb

General Theory

17, Feb 24, Mar 2, Mar 9, Mar 16. Testing Mar 23.

Hands-On Classes are FUN!!!

Tuesdays at 7pm: Feb 29, Mar 7, Mar 14, Mar 21, Testing Mar 23.

Homebrew and You- We are looking for suggestions for this years homebrew project!

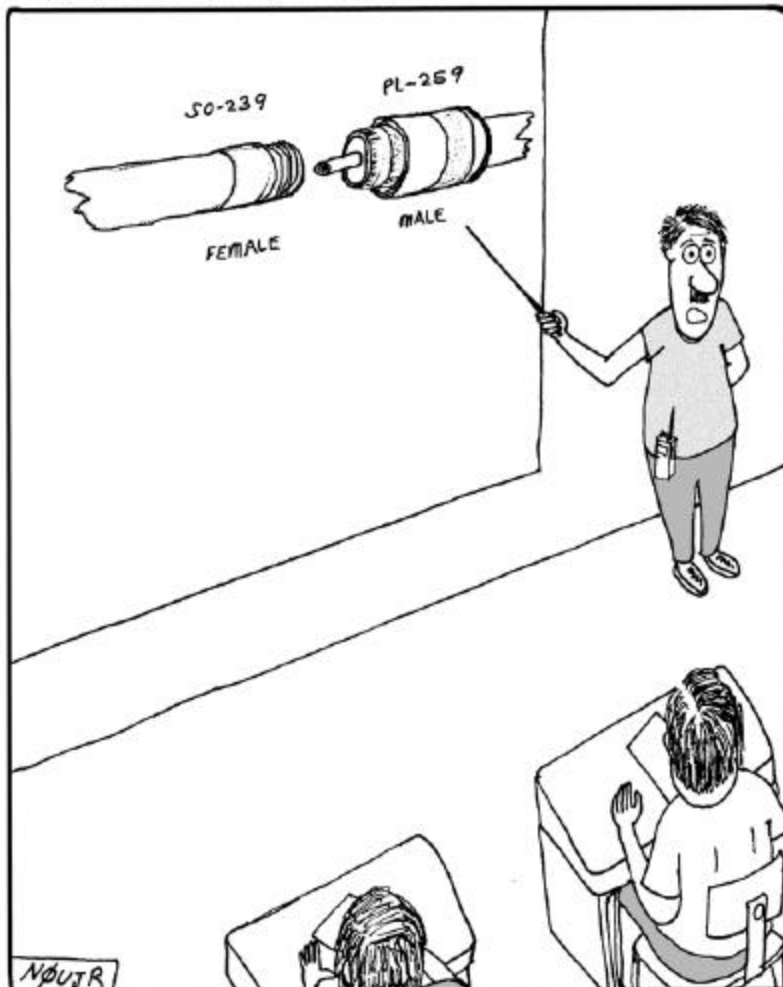
- Making the Connection** - Building basic connectors used in Amateur Radio, Saturday, April 8, 9:30 am. - Jerry Crenshaw WD4BIS
- ⇒ RACES Standard PL259
 - ⇒ RACES Standard Molex (Radio Shack 222)
 - ⇒ Anderson Powerpole and SB50
 - ⇒ BNC
 - ⇒ Type N Connectors

Field Day Prep - Saturday June 24, 10:00 AM until Noon. Topics: Logging, operating, site setup and safety.

Kill Bugs Dead - Basic computer programming concepts for fledgling PIC programmers. July 8, 10:00am - Randall Dunning KC5QHH

Please check this page as times and dates are subject to change. To ensure a place in the class, please email or call the Education Officer,

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Sex education for hams...

Selected ARRL Contests and Special

Rest of January, 2000:

Coloma, CA: El Dorado County Amateur Radio Club, AG6AU, 1600Z Jan 22 to 2100Z Jan 23, for the 152nd anniversary of the discovery of gold in California. 14.060, lower 25 kHz of the General phone bands, and the 10-meter Novice/Technician phone band. QSL. El Dorado County ARC, PO Box 451, Placerville, CA 95667.

Shawnee, KS: Kansas DX Club, KØS, 0000Z Jan 24 to 2359Z Jan 29, to celebrate Kansas statehood. 14.220 28.350. QSL. Rick Carver, WAØKS, 13425 West 56th Terrace, Shawnee, KS 66216.

San Diego, CA: Challenger Middle School ARC, KI6YG, 1430-2400Z Jan 28, to commemorate the 14th anniversary of the space shuttle *Challenger* tragedy. 14.250 21.350 28.350 146.52. QSL. Frank Forrester KI6YG, Challenger Middle School, 10810 Parkdale Ave, San Diego, CA 92126.

Jean, NV: BioRem Area 3 ARC, AL7LS, 1400Z Jan 29 to 0200Z Jan 31, to commemorate the completion of Salt-Lake-City-to-Los-Angeles Railroad in 1905. 3.990 7.091 7.290 14.103. Certificate. Bruce Rossi, 2127 Sierra Stone Ln, Las Vegas, NV 89119.

Punxsutawney, PA: Punxsutawney Area Amateur Radio Club, K3HWJ, 1300 to 2000Z Jan 30, celebrating Punxsutawney Ground Hog Day 2000. 14.025-14.150; 7.025-7.100. Certificate. Sherman Hollipeter, W3QOS, PO Box 20, Big Run, PA 15715.

February, 2000

Centralia, IL: Centralia Wireless Association, W9CWA, 0001Z Jan 29 to 2359Z Feb 2, for the 70th anniversary of the Centralia Wireless Association. 14.255 18.135 21.320 28.480. Certificate. Centralia Wireless Association, PO Box 1166, Centralia, IL 62801.

Petoskey, MI: Straits Area ARC, W8GQN, 1300-2200Z Feb 5, celebrating 50 years of service to Northern Michigan. 7.270 14.270 21.370 28.370. Certificate. SAARC, Rick Jersey, 2768 Berger, Petoskey, MI 49770.

Decatur, IL: CENOIS Amateur Radio Club, K9HGX, 1400-2200Z Feb 12, commemorating Abe Lincoln's birthday. 7.245 28.485. Certificate. CENOIS ARC, PO Box 4595, Decatur, IL 62525.

South Dakota: QCWA Chapter 102, WØDAK, 1500Z Feb 12 to 0300Z Feb 13, for the 23rd anniversary of QCWA Chapter 102. 3.550 7.250 14.285 28.500. Certificate. Frank Shaw, NUØF, 118 East van Buren St, Rapid City, SD 57701.

Saranac Lake, NY: Tri-Lakes Amateur Radio Club, W2TLR, 1500Z Feb 12 to 2000Z Feb 13, during Saranac Lake's Winter Carnival. 3.920 7.250 14.257. Certificate. Albert Newman W2AFN, 63 Lake Simond Rd, Tupper Lake, NY 12986

Prescott, AZ: Yavapai Amateur Radio Club, K7A, 1530-2230Z Feb 14, celebrating Arizona Admissions Day from Sharlot Hall Museum. 28.450 21.350 14.250 7.250. Certificate. Terry Pemberton, Granite Mountain Middle School, 1800 Williamson Valley Rd, Prescott, AZ 86305.

Marquette, MI: Hiawatha Amateur Radio Association, K8LOD, 2000Z Feb 19 to 2000Z Feb 20, during the annual UP 200 Sled Dog Championship. 3.880 7.250 14.250 21.325. Certificate. Rich Schwenke, N8GBA, 21 Smith Ln, Marquette, MI 49855.

Mount Vernon, VA: Mount Vernon Amateur Radio Club, K4US, 1600Z Feb 19 to 2100Z Feb 20, commemorating George Washington's birthday. 10.110 18.080 7.240 14.240. Certificate. Mount Vernon Amateur Radio Club, PO Box 7234, Alexandria, VA 22307.

Tucson, AZ: The Radio Society of Tucson, K7RST, 1600Z Feb 19 to 2359Z Feb 20, honoring "Women in Flight" at the Pima Air and Space Museum. 14.250 28.450 147.140 446.000. Certificate. K7RST, 10056 E. Placita Del Timbre, Tucson, AZ 85747.

Pittsburgh, PA: Wireless Association of South Hills, W2K, 1300-1900Z Feb 20, *RTTY and PSK31 modes only*, celebrating the Year 2000. 7.085 10.140 146.955. QSL. Paul J. Lusardi, NØVLR, PO Box 79211, Pittsburgh, PA 15216.

Round Rock, TX: Cen-Tex Contest Group, WA5DTK, 0000Z Feb 23 to 2400Z Mar 6, commemorating the siege of the Alamo from Feb 23-Mar 6, 1836. 7.240 14.250 21.300 14.040. QSL. Barry Brewer, 603 Broken Bow Dr, Round Rock, TX 78681.

Brainerd, MN: Brainerd Area Amateur Radio Club, WØUJ, 1400-2400Z Feb 26, during the Mid-Minnesota Sled Dog Race. 14.250 21.350 28.450 50.125. Certificate. BAARC, Box 801, Brainerd, MN 56401.

International Falls, MN: Northland Amateur Radio Association, KØNAR, 1900-2200Z Feb 27, as the "coolest station in the nation" celebrates the Rainy Lake Ice Fishing Derby. 28.430 21.330 14.255 7.235. Certificate. NARA c/o KØNAR, PO Box 564, International Falls, MN 56649.

Salem, OR: Marion County ARES, KK7HI, 2000Z Feb 29 to 0400Z Mar 1, celebrating the Leap Year. 3.960 7.260 14.260 28.450. QSL. Raenell Dawn, 4405 Panther Ct NE, Keizer, OR 97303.





January 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
16 8pm: Dallas RACES training net	17	18	19	20 9pm: Garland RACES training net	21	22 Noon: Sachse Siren Test
23	24 7pm Monthly GARC meeting	25 Class: Tech Theory	26	27 7:00pm Garland VE Testing 9pm: Garland RACES training net	28	29 Tarrant County Skywarn School Noon: Sachse Siren Test
30	31					



February 2000

Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 Class: Tech Theory	2 Noon: Garland Siren Test	3 Class: 5wpm 9pm: Garland RACES training net	4	5 Noon: Sachse Siren Test
6 8pm: Dallas RACES training net	7	8 Class: Tech Theory	9	10 Class: 5wpm 9pm: Garland RACES training net	11	12 Noon: Sachse Siren Test
13	14	15 Class: Tech Theory	16	17 Class: 5wpm 9pm: Garland RACES training net	18	19 Noon: Sachse Siren Test
20 8pm: Dallas RACES training net	21	22 Class: Tech Theory	23	24 Class: 5wpm 7:00pm Garland VE Testing 9pm: Garland RACES training net	25	26 9am: Skywarn School in Garland Noon: Sachse Siren Test
27	28 7pm Monthly GARC meeting	29 Class: General Theory				

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 (Mark.Durbin@wcom.com), 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 janet11@airmail.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, TJ Hoover (KC5ZTJ) at tj@hisword.net



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



Please Rush!!!

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