

The ARCLITE

Volume 27, Issue 8

GARC Information Line 972 272-4499

Aug 1999

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From the Prez....

Its been a busy month for most of us. The children are heading back to school and with that there has been the back-to-school shopping and the last minute rush for school supplies.

We received a very nice note for the City of Garland for our participation in the Garland Star Spangled Fourth. The Garland Amateur Radio Club did such a good job they are already counting on our participation for next year. We will be telling the membership about the honorarium we received at the next club meeting.

I did want to thank Clay KC5MXN for his help last month while I was sick. He ran the club meeting for me last month while I was contagious. Thank you, Clay.

For those of you who will be testing at the VE test session in the near future, remember that the FCC form 610 will no longer be in use. The new ULS form has replaced this old form. If you have any old form 610's that you were going to use when you got the time to upgrade, you might as well throw them away now.

There were some changes approved at the board meeting.

- Have you been at a training class at the ECC lately? If so, you know that the air conditioner is best described as NOISY. We received the used air-conditioner some years ago and Mark, KC5GNG, has managed to keep it running all this time. But the instructors who have been teaching have been

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**Aug 23, 1999 Meeting Program:
National Traffic System and Y2K
By Don Mathis KB5YAM, the new section manager
for the N.Tx traffic net**

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going hoase trying to talk over the air conditioner. So we approved a new air conditioner.

- Also, the two-meter FM radio there is no longer usable or repairable, so we will buy a new two-meter FM radio for the ECC.

That's All for Now

Gerry
WD4BIS

**Monday Night Info Net
Control Operators**

August	Mark Durbin, KC5GNG
September	Don Duncan, KC5GLM
October	Kay Duncan, KC5JWB
November	Any of the Schroeder family: Jim: KCBSU Sharon: KC5ZGK James: KC5EOR Jennilyn: KC5YZK Jacob: AC5NA Joseph: KD5EWQ
December	Theda, KC5QZZ
2000: January	No volunteer yet

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@ibm.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 most months with 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



“Bob Coffey Memorial Award” Congratulations to JoAnne Milliken KC5QGI

Each year the Southwest Traffic Net selects its top member for the year and presents the "Bob Coffey (W9NWS KD5OE) Memorial Award". The award for 1999 was presented to JoAnne Milliken (KC5QGI) on June 30, 1999. JoAnne was very excited and honored for being selected to receive this award.

JoAnne got her start in Amateur Radio just a few years ago and while in Garland, participated in RACES and VE Testing Sessions. JoAnne is very active in the Southwest Traffic Net and presently serves as their Secretary/Treasurer. She also is either the Net Control or Assistant Net Control each Friday night.

The Southwest Traffic Net operates daily on 3935 kHz (9:30-10:30pm). There are 75-100

members who reside primarily in the Southern states (Texas, Louisiana, Oklahoma, Mississippi, Alabama, Georgia, etc.), although there are members and participation from other states (Kansas, Nebraska, Tennessee, New York, etc.) as well.

Thank you to Earl Milliken, WB5VJL for letting us know about this award. He also added the following note:

“You don't have to be a member to check into the net and I am sure JoAnne would be excited to hear some of the GARC members check into the net some Friday night.”



Garland Area Public Service Events

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



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 (bj1@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

Walk to cure Diabetes - September 25, 1999 - The JDF walk at White Rock Lake. This annual event starts at Winfrey Point and goes half way around the lake and back. A blast for all. Details soon!

The Dallas Airshow - September 11-12, 1999 - I would like suggestions of a better way to allocate

operating periods. We will most likely use the two shift scenario as in the past. Now taking sign ups. Contact John Galvin, N5TIM with information or to sign up.

White Rock Marathon - December 1999 - Usually this event is held the second Sunday in December and takes quite a number of amateurs to operate. More details as they become available.



Field Day 1999 Lost and Found:

Is anyone missing a blue and white cooler from Field Day? If so, please contact Gerry Crenshaw, WD4BIS.

VHF/UHF COORDINATION ... OR MAYBE NOT

By Mike Durbin, WA5TKC

There have been a lot of questions about how the coordination among repeaters is accomplished and also there is a move afoot to make all repeaters have tone (or some other control) required for access. First, here are the current guidelines used by our coordinators for issuing frequencies.

- a. For co-channel systems, 85 miles minimum
- b. Systems 5 KHz apart in frequency, 85 miles minimum
- c. Systems 10 KHz apart in frequency, 70 miles minimum
- d. Systems 12.5 KHz or 15 KHz apart in frequency, 50 miles minimum
- e. Systems 20 KHz or more apart in frequency, no minimum

These criteria apply to all bands, and may be modified for terrain and special circumstances.

This seems like quite an adequate system to me and should certainly minimize any interference problems except when the band openings occur. These openings are usually a short lived problem, and actually seem to be enjoyed by all.

There is a move to make all repeaters have tone access and thus allow repeaters to be closer spaced. This will not lower any interference problems, but will make input interference worse. The same stations that cause interference now will still cause interference. They may not key both repeaters but the input interference will still be present.

The move to make this change is brought about by the fact that the coordinators state that all frequency pairs are assigned and therefore no more channels can be given out. I don't know about anybody else but I sure hear a lot of unused pairs!! I believe we would be better off if the efforts of our coordinators were used to verify operation (Physically not by mail) of all pairs and publish the results for all to see. I can't understand how a frequency pair can be assigned and held because the station says he is going to get around to getting it on the air!!

How about a limitation like the FCC does for commercial stations? Say: 90 days to turn it up and keep it on continuously except for failures. Verification of operation required yearly with a minimum of 5 stations verifying they have utilized the machine. Assignments of pairs should also be available to all?

Not all repeaters are listed in the repeater guide.

While I am on my soap box, here is another gripe!! What is with closed repeaters? Seems my license says I can operate on any frequency allocated by the FCC for my class license. What gives any one the right to say, "This is a closed repeater you are not allowed on here? What ever happened to being friendly? The State Motto, "The Friendly State", seems not to apply equally...

Comments, gripes, and general criticism, accepted at mdurbin@flash.net.

73's to all de WA5TKC



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Truly macho hams clip their speaker/mics directly on their skin.

VE Information Jan-June 1999

By Bill Reynolds, K8DNE

Applicants	Earned New License	Earned Upgrade	Earned Partial	Applicants Failed	Total Exams
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					
Totals:	41	19	27	56	221

VE Team

As seen from the above table, the Garland Area ARRL V.E. team is responsible for assisting 143 applicants in taking a total of 221 exams. As a result, 19 amateurs upgraded their license class and we have 41 new amateur radio operators during the year of 1999.

Examination Team:

WAYNE BAIRD	AA5NE
ED PRASIFKA	KF5NQ
TERRY BARLOW	AC5AX
JACOB SCHROEDER	AC5NA
EUGENE L. BARNARD	W5QPP
JENNILYN SCHROEDER	KC5YZK
ROBERT BEAUDET	W1YRC
SHARON SCHROEDER	KC5ZGK
ROBERT M. BOND	W5LXN
MARK COLLINS	KB5RXL
MIKE COLLINS	KJ5VL
GERRY CRENSHAW	WD4BIS
JANET CRENSHAW	WB9ZPH
MIKE DURBIN	WA5TKC
JOHN KLIEWER	AC5NB
MAX MONDRAGON	KC5INV
JIM PALTJON	KD5WE

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.

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



VE Testing

VE test sessions are on the 4th Thursday of each month unless announced otherwise. The next session is on Thursday, January 28, 1999. This session will be at 7:30pm at the Austin Street Church of Christ in Garland, on the SW corner of Austin and Glenbrook. The doors close at 7:30pm, so please be early.

If you have any special requirements or wish additional information, contact me at the following:

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



End of August 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
22	23 7:30pm Monthly GARC Meeting	24 7pm: accelerated Tech Theory class	25	26 7:30pm Garland VE Testing Session 9pm: Garland RACES training net	27	28 10am: Home Brew Class Noon: Sachse Siren Test
29	30 7:30pm GARC Information Net	31				

September 1999

Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1 Noon: Garland Siren Test	2 9pm: Garland RACES training net	3	4 Noon: Sachse Siren Test
5 8pm: Dallas RACES training net	6 7:30pm GARC Information Net	7 7:30pm Code Class	8	9 9pm: Garland RACES training net	10	11 Event: Dallas Airshow Noon: Sachse Siren Test
12 Event: Dallas Airshow	13 7:30pm GARC Information Net	14 7:30pm Code Class	15	16 7pm Advanced Theory Class 9pm: Garland RACES training net	17	18 Noon: Sachse Siren Test
19 8pm: Dallas RACES training net	20 7:30pm GARC Information Net	21 7:30pm Code Class	22	23 7pm Advanced Theory Class 7:30pm Garland VE Testing Session 9pm: Garland RACES training net	24	25 Event: JDF Walk Noon: Sachse Siren Test
26	27 7:30pm Monthly GARC Meeting	28 7:30pm Code Class	29	30 7pm Advanced Theory Class 9pm: Garland RACES training net		

Training

1999 GARC Training Schedule

The Garland Amateur Radio Club's training program has the following classes underway or scheduled. Call Karen, W4YHN, or Randy, KC5QHH, Dunning at 972 495-9654 to verify times, locations, or to sign up for a class.

Theory Classes

Technician Theory

January: Tuesdays, Jan 26, Feb 2, 9, 16, and 23. 7:00 to 8:30pm at the ECC. Garland VE testing on February 23.

June: Tuesdays, June 22, 29, July 6, 13, 20. 7:00 to 8:30pm at the ECC. Garland VE testing on July 22.

Kid's Classes

Novice in June: June 14 through 18, 10:00am to 2:00pm. Bring sack lunch. Location: Dunning's (call for directions). Garland VE testing on June 24.

Technician in July: July 12 through 16, 10:00am to 2:00pm. Bring sack lunch.

General Theory

May: Tuesdays, May 4, 11, 18, 25, 7:00 to 8:30pm at the ECC. Garland VE testing on May 28.

Advanced Theory

September: Thursdays, September 16, 23, 30, October 7, 14, 21 at 7:00 to 8:30pm at the ECC. Garland VE testing on October 28.

Morse Code Classes

5 WPM

March: Tuesdays, March 3, 10, 16, 23, 30, April 6, 13, 20, 7:30 to 8:30pm at the ECC. Garland VE testing on April 22.

September: Tuesdays, September 7, 14, 21, 28, October 5, 12, 19, 26, 7:30 to 8:30pm at the ECC. Garland VE testing on October 28.

Specialty Classes

These are practical, often hands-on, fun classes. The dates are subject to change to accommodate public service events

ECC Operations: Feb 6. (Bob Jones, W5BJ)

ECC Operations: April 17, (Bob Jones, W5BJ)

Home Brew: May 15

Soldering PL 259 connectors - KB5NSI

Making Molex 12 volt connector - WD4BIS

Making standard audio connector - KC5GLM

Field Day Operations: Saturday, June 19th, instructor TBD

Getting Started in Packet Radio - CQ Video at Field Day, June 26th

Getting Started in Amateur Satellites - CQ Video at Field Day, June 26th

Getting Started in DXing - CQ Video at Field Day, June 26th

Home Brew: July 31

Soldering PL259 connectors - KB5NSI

Making Molex 12 volt connector - WD4BIS

Making standard audio connector - KC5GLM

Home Brew for Kids: Circuit Board Project - August - KD5OUG

Home Brew: Micro-controller (PIC) Project (Battery Monitor) - August 28 10am- WD4BIS/KC5QHH

ECC Operations: November 6. (Bob Jones, W5BJ)

Repeater Operation and Maintenance - TBD - KC5GNG



Things to Do

Selected ARRL Contests and Special Events

(from <http://www.arrl.org/>)

End of Aug. 1999:

Lapeer, MI: Lapeer Amateur Radio club, W8LAP, **1200Z Aug 20 to 2400Z Aug 22**, for Lapeer Days from Michigan's Oldest Courthouse. 14.325 21.355 28.355 146.620. Certificate. Steve Waun, 3131 Reamer Rd, Lapeer, MI 48446.

Marblehead, OH: W8TTS, 0001Z Aug 21 to 2359Z Aug 22, operating during International Lighthouse/Lightship Weekend from the Marblehead Lighthouse. 7.175 14.221 21.250 28.350. QSL. Ted Sarah, 239 Bermont Ave, Munroe Falls, OH 44262.

Amelia Island, FL: Florida DXpedition Group, W4A, 0001Z Aug 21 to 2359Z Aug 22, during International Lighthouse/Lightship Weekend. 7.240 14.240 21.340 28.340. QSL. Vance LePierre, N5VL, 2618 McGregor Blvd, Fernandina Beach, FL 32034.

Gasparilla Island, FL: Englewood ARS, K8ONV, 1200-2100Z Aug 22, during International Lighthouse/Lightship Weekend. 7.260 14.260 21.260 28.460. QSL. Englewood ARS, PO Box 572, Englewood, FL 34295-0572.

Biloxi, MS: West Jackson County Amateur Radio Club, W5B, 0001Z Aug 21 to 2359Z Aug 22, during International Lighthouse/Lightship Weekend from the Biloxi Lighthouse. 7.255 14.255 21.355 28.455. Certificate. West Jackson County ARC, c/o W5OXA, 15625 Little Joe Rd, Biloxi, MS 39532.

Geneva, IL: York Radio Club, W9PCS, 1400Z Aug 21 to 2300Z Aug 22, operating during International Lighthouse/Lightship Weekend from Fabyan Island Lighthouse, 7.250 14.260 21.325. Certificate. York Radio Club, PO Box 1201, Elmhurst, IL 60126.

Cape Blanco Lighthouse, OR: W7WLL and Friends, K7L, 0001Z Aug 21 to 2359Z Aug 22, operating during International Lighthouse/Lightship Weekend. 7.260 14.260 21.355 28.410. QSL. Donald S. Tucker, 9216 SW Fir Grove Ln, Portland, OR 97225-2525.

Fire Island National Seashore, NY: Great South Bay ARC/Islip ARES/Suffolk County RC, W2GSB, 1400Z Aug 21 to 2000Z Aug 22, operating from the Fire Island Lighthouse during International Lighthouse/Lightship Weekend. 7.260 14.260 21.300 28.460. QSL. Great South Bay, ARC W2GSB, PO Box 1356, West Babylon, NY 11704.

Chesapeake Bay, MD: Chesapeake & Delaware Bay Nautical Net, W2L, 0001Z Aug 21 to 2359Z Aug 22, operating during International Lighthouse/Lightship Weekend. 3.965 7.265 14.265 28.465. QSL. Jim Weidner, K2JXW, PO Box 2178, Riverton, NJ 08077.

Pescadero, CA: Garlic Valley Amateur Radio Club, K6L, 0001Z Aug 21 to 2359Z Aug 22, Operating from the Pigeon Point Lighthouse during International Lighthouse/Lightship Weekend. 7.030 14.260 21.300 28.500. QSL. W6JZE, 13346 Colony Ave, San Martin, CA 95046.

Southold, NY: Peconic Amateur Radio Club, W2AMC, 1200 to 2200Z Aug 23, operating during International Lighthouse/Lightship Weekend from Horton Point Lighthouse. 7.245 14.245 21.345 50.125. Certificate. Peconic ARC, PO Box 113, Peconic, NY 11958.

Deming, NM: Deming Amateur Radio Club, K5D, 1800Z Aug 27 to 1800Z Aug 29, celebrating the 20th annual Great American Duck Race. 7.265 14.265 21.265. Certificate. Deming ARC, PO Box 525, Deming, NM 88030.

Pikes Peak, CO: Colorado VHF Group, KØYB, 1500 to 1800Z Aug 29, Colorado "14er" Event (hams operating from 14,000+ foot mountains). 52.525 144.200 146.550 446.000. QSL. Colorado VHF Group, KØYB, 21060 Capella Drive, Monument, CO 80132.

Hagerstown, MD: Antietam Radio Association, W3CWC, 1600Z Aug 28 to 0200Z Sept 3, commemorating the 130th birthday of Hiram Percy Maxim. 3.905 7.035 14.250 28.450. Certificate. W3CWC, PO Box 52, Hagerstown, MD 21741-0052

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Selected ARRL Contests and Special Events (continued)

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September

Nutley, NJ: Robert D. Grant United Labor Amateur Radio Association, WA2VJA, 1200Z Sept 3 to 2400Z Sept 6, for "**CQ Labor Day**" honoring the working men and woman of our country and labor leader Cesar Chavez. 28.420 52.525 (FM). Certificate. RDGULARA, PO Box 716, Nutley, NJ 07110-0716.

Caldwell, ID: Snake River Amateur Radio Club, K7SI, 1200Z Sept 3 to 0100Z Sept 6, **Labor Day coffee break** at Snake River View rest stop on I-84, 3.937 7.225 28.400. QSL. Lynn Owens, 9958 Cherry Lane, Nampa, ID, 83687.

Northwest and Yukon Territories, Canada: Border To Border Expedition Society ARC, K2A, 1200Z Sept 4 to 2200Z Sept 23, for the **Trans-American Trek 99 Mobile Operation VY1-VE7-VE8**. 7.250 18.150 21.350 28.350. Certificate. James Wilmerding, PO Box 534, 12 Cove End Rd, NE Harbor, ME 04662.

September 11-13 **ARRL September VHF QSO Party**

September 18-19 **ARRL 10-GHz and Up Cumulative Contest**

Verviers, Belgium: Gang de Verviers, ON4USA, 0800Z Sept 11 to 1600Z Sept 12, operating from Henri-Chapelle Cemetery, Belgium as a **token of thanks and to honor the memory of those who gave their lives between 1939 and 1945 for the freedom of Europe**. 14.044 14.200 21.300 28.500. QSL. Christian Keldenich, PO Box 11, Verviers - 1, B4800 Belgium.

Atlantic City, NJ: Southern Counties Amateur Radio Association, K2BR, 1400Z Sept 13 to 0400Z Sept 19, operating from the **Miss America Pageant**. 7.050 7.250 14.250 21.325. QSL. SCARA, PO Box 121, Linwood, NJ 08221.

Dwight, IL: Guardian Angel Basset Rescue, N9WDQ, 1500Z Sept 18 to 0400Z Sept 19, for the second annual **GABR Bash and Waddle for Basset Rescue**. 7.265 14.265. Certificate. Dennis Tuchalski, N9DWQ, 2300 Morning Star Drive, Alton, IL 62002.

Williamstown, NJ: NJ SkyDive Crosskeys ARA, WB2LNR, 1400Z Sept 18 to 2200Z Sept 19, operating from the active **Skydiving Drop Zone**. 14.030 14.230 21.030 21.230. Certificate. PO Box 573, Franklinville, NJ 08322-0573.

Slidell, LA: Ozone Amateur Radio Club, W5SLA, 1300 to 2100Z Sept 18, commemorating **OARC's 35 years of community service**. 7.280 14.250. Certificate. Michael White, 404 Holmes Dr, Slidell, LA 70460.

Souderton, PA: Telford Area Repeater Association, W3DCT, 1100 to 2100Z Sept 18, for **the Indian Valley Cycling Festival and UNIVEST Grand Prix Race**. 7.290 14.290 21.390 28.390. Certificate. Jim Sweeney, W3DCT, 34 Skyline Dr, Chalfont, PA 18914.

Washington Court House, OH: Fayette Amateur Radio Association, W8NCI, 1500Z Sept 18 to 2100Z Sept 19, celebrating the **5th annual Scarecrow Festival**. 7.235 14.260 21.350 28.360. Certificate. Brad Templin, 1916 Patterson Rd, Dayton, OH 45420.

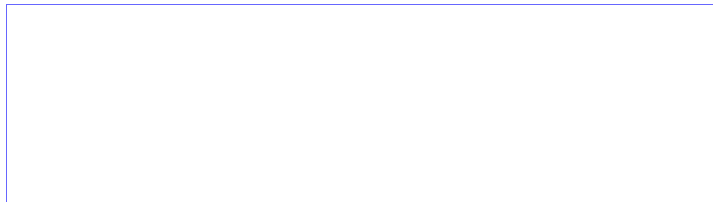
Parkersburg, WV: Wood County Emergency Communications, WC8EC, 1600Z Sept 24 to 1600Z Sept 25 from **Volcano Days**, 3840 3865 7220 7240 146.520. Certificate. Send SASE to Wood County Emergency Communications, PO Box 3328, Parkersburg, WV 26103.

Hampton, VA: Virginia Air & Space Center Amateur Radio Group, KE4ZXW, 1500Z Sept 25 to 2200Z Sept 26, **celebrating four years of Amateur Radio exhibitions**. 7.265 14.265 28.365 UO22/KO25 (9600-baud packet satellites). QSL. Ed Brummer, W4RTZ, 108 Oyster Cove Rd, Yorktown, VA 23692.

Pineville, LA: Ole KZ5 Canal Zone ARC, KZ5CZ, 0001Z Sept 30 to 2359Z Oct 3, to commemorate the **20th anniversary of ratification and signing of the Canal Zone Treaty**. 18.150 14.300 21.400 28.400. QSL. Tom Jeffcoat, 2530 Hanes Rd, Pineville, LA 71360.



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



Please Rush!!!

In This Issue...

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