

Collector & Emitter

A CORA Publication

February 1997
Volume 23, Number 2
Issue 264
50¢

Postmaster See Page 2
For Postal Information

Periodical Mail

RFI - We Need A Committee !
With all the RFI in the area, we need to protect our interests.

Fewer Tests - Fewer Upgrades

Little LEOS Are Back!!



Happy Presidents' Day

Bertha Watson Memorial Scholarship

RF Safety Questions to Go in Pool

Ten Tec 2 to 6M Transverter

Easy way to get on 6 meters

Collector & Emitter**Harold C. Miller, KB1ZQ****Editor****Linda G. Miller, N1LPN****Circulation Manager****Central Oklahoma Radio
Amateurs, Inc.****President: Harold Miller, KB1ZQ****V Pres.: Brad Nelson, KJ0W****Secretary: Forrest Rush, N5VWF****Treasurer: Perry Jenkins, KB5TOT**

Dear Subscriber:

PLEASE help us keep your information up to date. What time, where, when, who are your officers, editors, and their phone numbers. Check your entry, it can be changed. If there appears to be a mistake, check with your club officials. We can't do a thing about it if you don't let us know. Below is a sample label:

97/12

JOHN E. DOE, KA5ABC

1234 SW 56th STREET

RADIOVILLE, OK 74321-9876

The "97/12" means the year/month C&E subscription expires.

Dear Secretary / Treasurer:

When you want a change of any sort to your membership, you must completely fill out a subscription slip. Watch for the date you received their funds and the date the subscription expires. Have your slips, or list of deletions submitted by the Deadline of each month. If there is anything about C&E subscriptions you need to know, please contact us.

February 1997**VOL. 23, No 2, Issue 264****Collector and Emitter
(USPS 116-150)**

is published monthly by CORA, Inc. 4216 Spiva Drive Del City, OK 73115-4424. Periodicals postage paid at Oklahoma City, OK. 73125

Subscription rates:

CORA Associate \$4.80 per year

Paid subscription \$7.00 per year

Postmaster:**Send address changes to;****Collector and Emitter****P. O. Box 95942****Oklahoma City, OK 73143-5942**

| | |
|---|--|
| 1. Aeronautical Center ARC Meets: 1930L, 1st Thursday, FAA, S. MacArthur, OKC Pres.: Bob Kremer, WA9FCT 381-3182 VP: Chuck Bryant, KB5ZVZ 737-0423 Sec/Tr.: Brad Nelson, KJ0W 793-9470 Editor: | 11. Edmond Amateur Radio Society Meets: Odd Months, 1400L, 3rd Sunday, St. John's the Baptist, Even Months, Dinner, 3rd Friday Pres.: Jay Lytle KB5VDH 722-0981 VP: Joel Beasley, KB5FCF 359-6508 Sec: Sharon Thompson, KC5WLS 844-6245 Treas.: J. B. Bogner, K0JF 341-8735 Editor: Joel Beasley, KB5FCF 359-6508 |
| 2. Oklahoma Central VHF ARC Meets: 1100, 3d Saturday, Ashley's Country Kitchen 1-40 & SE 15th St., Del City Pres.: Jackelyn Olsen, KA5ENU 842-2305 VP: Ken Eason, KF5JS 789-2200 Sec: John Dome, KB5WVE 842-3493 Treas.: Jim Speck, W5AJ Editor: | 14. Cimmaron Amateur Radio Assn. Meets: 1930L, 1st Thursday, WX5Y Playhouse 827 S. 13th, Fairview Pres.: John Medley, N5WVU VP: Kenneth Monahan, KB5SOM Sec: Dennis Painton, WK5V 764-3599 Treas.: Nadine Painton, N5FMH 764-3599 Editor: Kenneth Monahan, KB5SOM |
| 4. Oklahoma City Autopatch Assn. Meets: 1930L, 3rd Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (Back Door) Pres.: John Brassfield, N5SAM 685-8070 VP: Loyd Hargrove, AB5I 391-5723 Sec: Sam Binkley, KL7V 942-2600 Treas.: Bob Kremer, WA9FCT 381-3182 | 15. South Canadian ARS Meets: 0930L, 2nd Saturday, Red Cross Bldg North OU Campus, Norman Pres.: Michael McEwen, KC5GJL 329-2615 VP: Mike Divilio Jr., KC5GRZ 360-3236 Sec: Randy Ridenour, WB5RWN 329-0967 Treas.: Sara Byer, KC5ABA 321-1673 |
| 6. Altus Area Amateur Radio Assn. Meets: 1900L 2nd Thursday, Southwest Technology Center, Altus, OK Pres.: Mike Brown, KK5ZB 481-6138 VP: John Mealer, AB5WQ 563-9252 Sec: Lil Town, KC5CNA 477-4027 Treas.: Travis Houska, KC5SRK 679-3816 Editor: Dave Locke, KC5SH | 17. Ada Amateur Radio Club Meets: 1000L, 1st Saturday, Basement Ada City Hall 231 South Townsend, Ada, OK Pres.: Roy Throne, KB5STV 436-1019 VP: Dwight Myers, N0RIW 436-4755 Sec: John Burchett, KC5EYC 332-1063 Treas.: O. J. Collins, KC5DYX 332-7878 |
| 8. Choctaw Amateur Radio Club Meets: 1900L 3rd Monday, Eastern Oklahoma Co. Vo Tech, 4601 N. Choctaw Rd, Choctaw, OK Pres.: Mike McFarland, N5WNT 799-0612 VP: Duane Angles, KA5WRG 670-6163 Sec: Marie Harris, KC5HKB 390-8851 Treas.: Bill Tarkington, KC5ICR 390-8751 Editor: | 18. Lawton Fort Sill ARC Meets: 1900L 1st Tuesday, Great Plains Area Vo-Tech room 301, Worley Center. Pres.: Jim Arterberry, N5UJB 353-5722 VP: Kevin Johnson, N5WTS 357-2203 Sec/Tr.: Paul Goulet, KC5CYY 250-4247 |
| 9. Wheatstraw Amateur Radio Club Meets: 1430L, 2nd Sunday, Location Varies Pres.: Johnny Fish, K5GBN 893-2227 VP: Ray Barnes, AB5Z 274-3334 Sec/Tr.: Joe Garland, WA5FLT 893-2660 Editor: Ralph Wilder, WA5PFK 623-5421 | CORA is Growing!! Room For Another Club's Officers Here. Let US Know of any Clubs wanting Information On Joining CORA. |
| 10. Oklahoma DX Association Meets: Hamfests and as announced in C&E. Pres.: Jim Hood, WV5S 405-732-6131 VP: Ross Hunt, K5RH 918-234-5050 Sec: Jeff Martin, K5WE 918-486-6493 Treas.: Mark Byard, N5OGP 405-762-1966 Editor: Mark Byard, N5OGP 405-762-1966 | Central Oklahoma Radio Amateurs Meets: 1930L, 4th Tuesday, Salvation Army Bldg NW 50th and Penn, OKC (BackDoor) Pres.: Harold Miller, KB1ZQ 672-7735 VP: Brad Nelson, KJ0W 793-9470 Sec: Forrest Rush, N5VWF 842-8486 Treas.: Perry Jenkins, KB5TOT 354-5075 Editor: Harold Miller, KB1ZQ 672-7735 |

CONTENTS**On the Cover:**

| | |
|--|----|
| Central Oklahoma Radio Amateurs, Inc. | 3 |
| Lawton / Ft Sill Amateur Radio Club | 5 |
| Oklahoma City Autopatch Association | 6 |
| Choctaw Amateur Radio Club | 7 |
| Central Oklahoma VHF Club | 8 |
| Ada Amateur Radio Club | 10 |
| Altus Area Amateur Radio Association | 11 |
| South Canadian Amateur Radio Society | 12 |
| Edmond Amateur Radio Society | 13 |
| Wheatstraw Amateur Radio Club | 17 |
| Oklahoma DX Association | 19 |
| A.R.R.L. Bulletins | 24 |

Central Oklahoma Radio Amateurs, Inc.

Minutes of the CORA meeting for January 28th, 1997

The meeting was opened by the president of CORA, Hal, KB1ZQ at 7:30 PM at Salvation Army Divisional HQ's at NW 50th and Penn in OKC. Four clubs, Aeronautical Center ARC; EARS; OCAPA, and SCARS were present plus five visitors; Jerry, KJ5KP; Mac, K2GKK; Dan, WD5JHI; Sam, KL7V, and Mary Jo, WL7FE.

The November minutes were approved as printed in the C&E without objection; the treasurer's report was accepted as written.

Interference Committee. Brad Nelson, KJ0W, wants to start an interference committee from CORA's membership. The interference on the VHF and UHF bands is going to get worse and we must protect our frequencies. Those interested in being a part of the interference committee contact Brad Nelson, KJ0W, at (405)793-9470 or at KJ0W@Juno.Com

C&E Report. First, the deadline for items to go in the C&E is the Friday after the CORA meeting. Anything that falls past that deadline will NOT be in that month's C&E. Period. We need more articles and we need the club secretaries to send in their club minutes on time. Remember, the C&E is your journal; use it.

Hal has a new Internet address; N1LPN@SWBELL.NET as well as the old on n1lpn@aol.com.

Those of you whose subscriptions were coming due have already seen the new subscription cards. Please fill them out and give them to you club treasurer.

HH 1997. The tables for Ham Holiday 1997 will be \$10.00 in advance, \$15 at the door. Tickets will be \$7.00 in advance,

\$9.00 at the door, and tickets must be purchased if you get a table.

Programs - Tom Webb, WA9AFM, is the program chairman for HH97. If you would like to do a program or have any suggestions for programs, please contact Tom at (405) 737-6716

Both K2GKK/5 and KB5TOT are considering packet programs; look for them at HH97.

Security - WA9AFM will be contacting the explorer post which did such a marvelous job at HH96.

Facilities - We will be in the Modern Living/Hobbies, Arts and Crafts building again. The State Fair is repairing the roof so it shouldn't leak this time.

Artists . Calling all artists. We need a logo for Ham Holiday 1997. Anyone who would like to submit a logo or idea for a logo, be at the next CORA meeting.

The meeting adjourned at 9:30pm to Coit's on NW 39 and Penn. The next CORA meeting will be on Washington's Birthday, the 22nd of February, 1997, at the Skyline Café on SE 15th and I-35. Meeting starts at 1pm; lunch starts at noon. Everybody be there.

Respectfully submitted,

Forrest Rush, N5VWF
CORA Secretary

CORA VE SESSION

January 20, 1997

The first CORA sponsored VE session of 1997 was held on the above noted date at the Salvation Army. It is conducted on the third Monday night of each month at 6:00 PM: come rain or shine. The VE team on the third Monday night in January had a good crowd of examinees really to get on with the process of upgrading while determining if their preparation was adequate. 14 individuals were present for the January session and produced the following results:

Test Elements Attempted- 22
Test Elements Passed - 19
Individuals upgrading - 10

Individuals passing indicated elements:

Pam Mattheyer- Technician Theory
Troy Wheeler- Technician Theory
David Storey- 20 wpm code and Extra Class Theory
Ivan Blanco- Novice and Technician Theory
Nathan Barrow-Novice and Technician Theory
John Mattheyer-Extra Class Theory
Earl Greenfield -Novice and Technician Theory
Nancy Zilary- Technician Theory
William Parsons- Technician Theory
Dan Osborne-Novice and Technician Theory
Danny Henson-Novice and Technician Theory
Micah Heard- 5 wpm code
Marilyn Heard-5 wpm code and General Theory
John Sakaly- Advanced Theory

Hats off to these Amateur Radio Operators ! Join all of us in extending congratulations to these individuals for their studying, and caring enough about Amateur Radio to prepare for and pass exams. When you meet up with some of these folk offer a word of praise for their success and encourage more activity and public service with their new license privileges. To sail effectively in whatever troubled waters lie ahead for Amateur Radio, we will need plenty of deck-hands to work together for the common good.

Speaking of good deck-hands, the CORA VE team goes about their task in workman like fashion. They take care of the details, some small some not-so-small that keep the Amateur Radio examination process associated with CORA functioning properly and available each month. The February session will be on Monday the 17th at 6:00 PM. Yes, it is time to get the materials out and prepare to upgrade. Good Luck and see ya on the 17th ! Be there or be square !

Submitted by: John Thomason, WB5SYT

February CORA Meeting
Saturday, February 22, 1997
1:00 p.m.
at the
Skyline Café
I-35 and SE 15th Street
Oklahoma City

Be There to Help With HH97

RF INTERFERENCE "ARE WE BEING ATTACKED?"

I think all of us have experienced the interference we get on our FM receivers traveling around the town. We call this "intermod", short for intermodulation. But this I think can not be helped, basically because it is the mixing of frequencies from nearby transmitters that mix to produce frequencies that we are tuned to. In the past year I have noticed that more and more repeaters within the Oklahoma City area are being intruded by other transmitters off our input frequency.

Recently the OCAPA repeater on 146.82 and the 146.76 machines had a RF intruder that would come in on the input and cause a rushing sound to be transmitted from them. A team of amateurs, John Brassfield, N5SAM, John Zilavy, KC5DRI, and myself went to tracking this station. The two John's did a little Direction Finding from Channel 9 and found the interference was coming from the direction of Tinker AFB.

The next day DRI John and myself met at Tinker with the Base Radio Frequency Manager and used a Spectrum Analyzer and a Service Monitor to analyze the interference. It was definitely being generated from somewhere on Tinker. With the aid of both pieces of test equipment we were able to determine the frequency to be on 149.895Mhz. The frequency manager checked on his base frequencies list and found it to belong to Civil Air Patrol.

We located the bad transmitter above base operations at Tinker. They had a packet station up and running that I believe was being over deviated. We asked them to please turn it off until they could get their transmissions cleaned up. This was just one instance of a problem that we were able to get fixed through a cooperated effort of Base Frequency personnel and the local ham community.

We have had since then two clubs, Edmond Amateur Radio Society (EARS)

and South Canadian Amateur Radio Society, who have had to PL tone their repeaters to keep interference out of their machines when not in use.

This is very unfortunate because I don't think we should have to do it. I strongly believe that what has happened is that pager companies are running as much power as they can run and setting the deviation as high as they can. This is what is causing the interference to our machines. I think the only way that this situation is going to get better is if we take the initiative to seek out and get the pager companies to clean up their act. The situation is just going to get worse than get better.

The best way to combat this unwanted intrusion into our repeaters is to form an interference committee under the auspices of CORA because I feel OCAPA's problem is SCARS' problem is Edmond's and so on and so on. We as a group can seek out these invaders and shut them down so we all can live happily on the VHF Spectrum. Talk this up with your club's and I will try and organize something to get us started. I think there are a lot people in the different clubs that have a interest in DFing that could help out.

Call or e-mail me and let me know what there response was. My home phone is 793-9470 and my e-mail address is kj0w@juno.com.

73 de Brad, KJ0W

From the President,

Well another month has come and gone. Things are progressing in CORA. We have submitted our books to the accountant to have them reviewed for the past year and to have our taxes done. We now have an IRS tax number. While they are reviewing the books for the IRS, a report will also be generated to be sent to the US Post Office in Memphis, TN which hopefully gain us a nonprofit status on our mailing permit for the *Collector and Emitter*.

While that is going on plans are starting to move forward for Ham Holiday 1997, our 24th annual amateur radio convention here in Oklahoma City. Plans are under way to gain ARRL sanctioning again this year.

We are changing things a little bit, this year we plan on doing away with all of the fancy pipe and drapes for the dealers to cut cost and try to entice some larger dealers to attend our show.

We could use all the help we can get to continue the tradition of this hamfest. The input of young hams and new ones are always welcome. People are needed to come forward to learn how to do this for future events. When the older hams that have done this for so many years get tired we need folks to step forward and to take their places.

When renewing your club's due this year as for one of the new cards sent to all of the club's treasurers. These cards were printed up by CORA to make record keeping easier. Our data base of subscribers for the C&E is quickly approaching 800.

The *Collector and Emitter* has again been entered in the Amateur Radio News Service competition to see how we rate against other news letters from around the country. Last year we received a certificate and a very good rating from the judges.

We are constantly looking for articles and inputs for publication. Stories and suggestions are always welcome along with technical reviews on equipment. We do our best to meet everyone's needs but it is hard. I do want to thank all of you who send your material in early. It saves my weekends and makes the newsletter go easier.

If you want to drop us a line you can e-mail us at nllpn@aol.com or nllpn@swbell.net. We are trying a new internet service.

Well that's all for now, keep in touch and hope to hear you on the air.

73

Hal, KB1ZQ



Lawton / Ft Sill Amateur Radio Club

From the President,

The first month of 1997 has been a very busy one. Plans for several events are on schedule, some 15 at present. February 04, 1997 Club Meeting will have the National Weather Service providing Storm Spotter Training along with the KSWO Weather group. WE are scheduled for a breakfast tour of the KSWO TV Station for all Lawton - Ft Sill Amateur Radio Club Members on February 22, 1997 at 9 AM. I want to take time to Thank all of our involved club members for their help in keeping events going. Dr. Bob Morford, KA5YED will be looking for help with the April Hamfest, Dr. Mark Ewell, KC5IZN for the Club Field-day, Bob Sims, W5KCB for several training events, Paul Wardell, N5PYD for assistance on our Repeater's and equipment along with other Committee Chairperson's with activates. All your help is and will be appreciated by your fellow members and your community. I believe we will have a Special Event Station at the annual Easter Pageant again this year and will need help with manning the Communications Trailer. "Thanks to all", looking forward to seeing you at all the Events and Hamfest around the area.

73..de..NUMBS Jim, N5UJB
President LFSARC

Silent Key Remembered:

K5JKP, Barry Van Treese will always be remembered by me as a ham who could bring out the best in all of us. An amateur that could get the shyest kid to actually talk on a radio during our

adventures over the years of supporting the scouts for Jamboree on the Air. When I learned something new about amateur radio he would tell me that he didn't know that "till just the other day". It will always amaze me how he learned so much "just the other day". This tragedy was felt by all of us. I will always remember the way he signed off. K5JKP....K5 Just keep plugging ... Just keep plugging. Knowing Barry, he'd want each of us to do exactly that ... just keep plugging. Our prayers are with the family.

Time To Renew

Please mail in your renewals to:

LFSARC
POB 892
Lawton OK 73502

The dues are \$24 individuals and \$35 for Family membership.

VHF UPDATE

The January contest is now behind us and we have some raw, claimed scores:

CALL SCORE REMARKS

KC5UZY - - Unavailable

KC5UZZ - 756 - (36 QSO's x 21 Multipliers (5 on 50MHz and 16 on 144MHz))

NL7CO/Rover 3488 (109 QSO's x 32 Multipliers (22 unique grids from 10 grids))

KC7OPP 629 (37 QSO's x 17 Grids)

From these scores, it appears that this time I don't have to buy a plaque for the high score, although KC5UZY thinks that I should get two plaques - one for rovers and one for the others. Of course, he would get the plaque for high score if I disqualify myself. My thought is to maybe get a plaque with three columns on it (January, June, and September contests) and let the current winner display it at their shack until the next contest. Any thoughts on this?

It's now time to start thinking about the June contest and start setting your goals and checking your equipment. My goals

are 150 QSO points and 50 multipliers for a total score of 7,500 points. I plan to rove through at least 15 grids so I need to work more grids that I had multipliers for this time around. What's your plan?

With the increase in activity on VHF+SSB in EM04 lately, we have some folks seriously pursuing 2M VUCC. Most of us are in the 20-25 grids worked and 10-15 grids confirmed range, a long way from the 100 needed for 2M VUCC. Right now, KC7OPP has worked the most grids and KC5UZZ has confirmed the most.

Announcement

On Saturday, 22 February we have been invited out to Channel 7 for Breakfast followed by an orientation and a tour of the facility. This is not an open public function and will be limited to W5KS members only

DE NL7CO EM04

Hams, CBers cooperate in search

Some three dozen radio operators--primarily from the amateur and CB ranks--cooperated early this month as part of a massive, but unsuccessful, search for a missing woman in Bexar County, Texas. Four ham clubs were represented, plus two REACT Teams, a volunteer fire department and some individual CBers. Command posts located 20 miles apart were able to use the same repeater, so searchers were able to communicate using 2-meter HTs. Meanwhile, the pilot of an ultra-light plane used CB channel 14 to communicate to a roving command vehicle driven by KK5ZP, who had both CB and amateur capabilities. Radio clubs involved in the search--which crossed many former "turf" barriers--included the Alamo Area Radio Organization, Radio Operators of South Texas, San Antonio Repeater Organization and San Antonio Radio Club. The REACT Teams were Bexar County REACT #4950 and Comal County REACT #4804.--Lee W. Besing, N5NTG

(from ARRL Letter Jan. 31, 1997)



Oklahoma City Autopatch Association

Annual Storm Spotter Weather Briefing

The guys from KWTW-9 will be at the February 18 meeting to refresh our memories on storm watching and safety. The presentation will begin at 7:30pm with a brief meeting afterwards. Those who have an interest in the progression of storms across Oklahoma (that is everybody) should be there. The meeting will be at the Salvation Army Headquarters at NW 50 and Penn in the basement meeting room. If you need more info, call John N5SAM on the 146.82 repeater or call @ 685-8070.

John Brassfield N5SAM

OCAPA Minutes of the January 1997 Meeting

Meeting called to order at 7:30 pm by club President John, N5SAM. There were 32 members and 3 visitors present.

Secretary's Report: The last meeting was the Christmas Party. The only business conducted was a vote on purchasing a new repeater controller. The purchase was approved.

Treasurer's Report: The treasurer's report was read by Bob, WA9FCT. The report was approved as read.

Technical Committee Report: A lot of work has been done and is continuing to be done on our repeater systems. A new feed line has been run to the back-up antenna at 400 feet. A new controller has been installed on the 444.3 and 147.21 repeaters. These 2 repeaters are tied together so that when you are using the UHF repeater your signal will be heard on VHF and vice-versa. The audio on both these repeaters has been improved

dramatically and they are both sounding great. There is still some fine tuning going on but all our repeaters are working well. Hats off to the crews who have been putting in so much effort to make it that way.

Brad, KJ0W presented a review of some recent and some ongoing interference problems on some of the local repeaters. Brad recommends forming a committee of representatives of the CORA clubs to combat these RFI problems.

February Meeting: February is the month we normally dedicate our meeting to learning more about severe weather. This year's guest speaker will be Paul Bouchereau. This promises to be a very interesting meeting. Mark your calendar.

License Upgrade Class: The Edmond Amateur Radio club (EARS) will be conducting a General Class license upgrade class on Thursday evenings beginning January 23rd. The location is the EARS club station. If you are interested in this class contact one of the EARS club members on 147.135 repeater (plus offset).

Speaking of upgrades, congratulations to Sue, KC5SMJ for her recent upgrade to General. Way to go Sue!

Scholarship: Don, KC5BRO and Carole, KC5EXR would like to have someone else Chair the Scholarship Committee. Any volunteers?

Field Day: We need a Committee Chairman! Don, KC5BRO has been doing some preliminary work to obtain permission to use the Deer Creek School site again this year. Discussion was held about whether or not to make it a multi-club effort again this year. Don, KC5BRO made a motion we

invite the same clubs as last year. This motion was tabled until next meeting. Jim, N5OHL will check with the Edmond club to determine their desires.

Salvation Army: The Headquarters Radio Station is in need of a TNC.

KUDOS: Thanks again to all who helped make the Christmas Party a success.

CORA: Reminder: CORA meeting is the 4th Tuesday night of each month. Attendance has been low at recent meetings. Be there and represent your club! Ham Holiday is just around the corner and it takes a lot of work to put it together.

Meeting adjourned at 8:25 pm.

Sam Binkley, KL7V
Secretary

Vanity refunds

Vanity refunds from unsuccessful first-day Gate 2 filers (processed on November 4, 1996) have begun to arrive in mailboxes. Refund checks are being mailed from the US Treasury in San Francisco. Those whose vanity applications have been dismissed by the FCC because their call sign choices had already been assigned must apply in writing for a refund of the \$30 application fee.

Rohn Tower Sections 12volt Power Supplies HV Plate Transformers

(405) 524-3770



BLACK'S RADIO COMPANY
COMMUNICATION RADIO

ELMO BLACK

413 N.E. 38TH TERRACE
OKLAHOMA CITY, OK 73105



Choctaw Amateur Radio Club

Announcements

The next CARC Swap Meet will be 12 April, 1997 at the Midwest City Community Center, Reno & Midwest Blvd. next to the library. *Please note a time change!! The Swap Meet will be open from 8:15am to 11:15am. Tables are \$3.00 each.

MINUTES 20 January 1997

The meeting opened at 7pm by Mike, N5WNT, the new president, with 15 members present. All agreed that the food at the December dinner/meeting was very good.

Reports:

Treasury---The treasurer's report was accepted as read.

YL Net---Kay, KB5VJR, reported that the YL Net is doing well and will be starting its third year with the January 21 net. In celebration of that net Kay was able to get permission to use the YLRL Club call, KC8EWC, for that night. Since the Choctaw Club now has a club call, KC5YDO, the net will begin using it each week except for the first net of each new year when the YLRL call will be used.

Club History---Kay, KB5VJR, passed around the new book of the club history that she put together. It is a beautiful, neat, professional job! Thanks, Kay. It was moved and passed to reimburse Kay for the expenses involved with this project.

Repeater---Progress is being made. Ron, WB9DAF, is currently studying the

manuals. New buildings will be going in at the repeater site eventually. It was suggested that we set up a cross link repeater in the Northwest OKC area to extend the coverage.

New Business:

Swap Meet---The next Midwest City Swap Meet will be held April 12. A new time was decided on as the custodian will not unlock the door until precisely 8am. The new times will be 8:15 am to 11:15am. This gives us some time to set up the tables.

Seminars---Mike, N5WNT, will take suggestions for ideas for seminars that could be held following the club meetings.

FCC RF Safety Rule---There is a computer program available to aid in testing your equipment to see if it meets the standards of this rule. Contact Don, N5ENQ, for copies. He has taken the original program and added a print option to it so the results may now be printed.

C&E Registration Cards---The treasurer, Bill, KC5ICR, passed out cards supplied by the C&E staff and walked us through filling them out correctly.

Note:

Email---If you have an email address, please send an email to Don, N5ENQ, with the address information. He's putting together an email list.

73 de Marie, KC5HKB

YL Get-Together

Being in the OKC metro area, there are several repeaters available and naturally the local YLs each have favorites they hang out on, but come Tuesday nights at 8 the frequencies start changing all over town (and even the state!) to the Choctaw, Oklahoma repeater, 147.090. A few microphones might even be snatched away from husbands .. hi It's YL Net night! Our little group just began it's third year with the net held on January 21, 1997.

We never dreamed it would endure this long. One nice thing is it has been an informal and relaxed net. We have Kay, KB5VJR, the net control to thank for that. Her easy manner is inviting and not threatening. There are even a few XYLS who join in. Over the course of our net the topics covered have ranged from flowers and recipes to chickens and snakes. One of everyone's favorites is cat stories.

As this was the beginning of the third year we wanted to make it special in some way. The YL Harmonics* arrived just in time with the Vice-President of YLRL, Nancy Rabel Hall's, KC4IYD, notice about getting the YLRL club call on the air and we knew that was it. Kay emailed Nancy and received permission.

We used the YLRL call, KC8EWC, on that night with fantastic results. The ladies were surprised and great fun was had by all. A few we hadn't heard from in a while were even roused up. We found out the next day that that was the very first time the YLRL Club call had been used. We made history! We hope to start a tradition of celebrating with the YLRL call each new year of the net. Thanks to the Choctaw Amateur Radio Club for their enthusiastic support over the last two years and to YLRL for making this a special "Birthday" net for us.

33 Es 73 de Marie Harris, KC5HKB

**Note: YLRL (Young Ladies Radio League) is an organization designed "To encourage and assist Young Ladies (YLs) throughout the world to enter into the Amateur Radio Service". Membership is open to any woman holding an Amateur Radio license. YL Harmonics is the quarterly newsletter published by YLRL. Any YL interested in YLRL may contact Marie, KC5HKB, 390-8851 or Kay, KB5VJR, 391-3398. There will also be information at the Midwest City Swap Meets.*



VHF Club NEWS

W5LOW
Elmer Goekler Memorial
Station

Central Oklahoma VHF Club

Club minutes of the January 18, 1997 meeting:

The Oklahoma Central VHF ARC held its regular meeting at Ashley's Country Cookin', SE 15 at I-40. President Jackolyn, KA5ENU called the meeting to order at 12:00 with 13 members and guests in attendance.

Minutes as submitted to the C & E were read and approved. Ellard Foster, W5KE submitted the Treasurer's report which was also accepted. Ellard announced he would not be running for Treasurer for 1997, but would continue the duties until relieved by a new Treasurer.

A discussion ensued concerning the meeting schedule, and a motion was made by JR, KB5WVE to change the meeting to the third Thursday of each month at 5:30 PM. The motion passed. Next meeting will be on February 20, 1997, at Ashley's. There was a discussion of the meeting place changing to one on the North side of Oklahoma City, which will be discussed at the next meeting. Everyone is encouraged to come at 5:00 for dinner, the meeting to follow.

Election of officers was held, and Jackolyn Olsen, KA5ENU, was elected president, Ken Eason, KF5JS, elected Vice President, J. R. Dome, KB5WVE,

Secretary, and Jim Speck, W5AI, Treasurer.

Fred Boardman presented a motion to change the by-laws to change the term of office of club officers to two years. (See the current by-laws in this issue of the C & E). His motion is as follows: "Club Officers shall be elected for a term of two years. An incumbent officer may be re-elected upon their voluntary consent for a period of one year on a year-by-year basis." Since there was suggested as absence of a quorum, no vote was taken on the motion. Fred then pointed out it takes 12 to make a dozen, not a quorum.

An ICOM T22A mobile 2 meter transceiver, considered obsolete in the W5LOW Club Station, was given as a door prize and was won by President Jackie.

The meeting adjourned at 12:43.

Respectfully submitted, Jim Speck, W5AI.

Club minutes of the December 20, 1996 meeting:

The Oklahoma Central VHF ARC held its regular monthly meeting at Ashley's Country Cookin', SE 15 at I-40. President Jackolyn, KA5ENU called the meeting to order at 12:03 P.M. with 15 members and guests in attendance.

The topic of the day was "Who Shot JR", or where was J. R. Dome, KB5WVE, the Secretary of the club. No one admitted hearing from him in the past few weeks, so it was assumed he was off somewhere for Christmas. In the absence of the Secretary, Jim Speck, W5AI, was appointed (corralled) to take minutes.

Jim, N5BEQ moved and Gene, K5DLE seconded, that the minutes be approved as published in the C&E. Passed. Treasurer Ellard Foster, W5KE,

reported that dues were due; even though the C&E was marked as the last issue, there will be a grace period until the February meeting before delinquent members are dropped. Dues for 1997 have been set at \$6.00. Ellard reported the club's balances. Jim, N5BEQ moved, Fred, W5NL seconded a motion to accept the treasurers report. Passed.

Fred Boardman, W5NL, stated his opinion that the club required an Archivist to catalog and store records of the VHF Club. Ellard, W5KE moved, and Jim, N5BEQ seconded a motion to elect Fred, W5NL to a new office of Archivist. Passed. Fred has been given Joe Buswell's club records (thanks to Jim Buswell) and will receive records from Ellard. Gene, K5DLE, donated a windbreaker having the VHF club emblem on the back. Anyone else who has old records concerning the VHF club is encouraged to contact Fred Boardman, 2900 Bird Dr, Forest Park, OK 73121-2414, phone 427-2505.

Jim Buswell, N5BEQ, offered to the club a VHF club windbreaker once belonging to Joe, K5JB. It was accepted, by a motion of Dee Glass, to be used later as a fund raiser.

A discussion of Santa's reindeer was begun, and quickly got out of hand, with the naming of all ten of Santa's reindeer. Everyone knew about Dasher and Dancer, Prancer and Vixen, Comet and Cupid, Donner and Blitzen, and Rudolph, the ninth reindeer. Jim, N5BEQ pointed out the tenth reindeer was named in Rudolph's song. After some discussion, he revealed the name was "Olive, the other reindeer".

The meeting adjourned at 12:33.

Respectfully submitted, Jim Speck, W5AI.

1631 SE 15th
677-9001

Skyline Restaurant
country cooking

Bryan, Cindy, Jennifer and Jessica

Oklahoma Central VHF Amateur Radio Club By-laws**ARTICLE I - NAME**

The name of this non-profit organization shall be OKLAHOMA CENTRAL VHF AMATEUR RADIO CLUB, hereinafter referred to as the "Club" and incorporated under the laws of the State of Oklahoma.

ARTICLE II - OBJECTS

The objects for which the Club is organized are:

1. To provide a common ground for educational instruction, exchange of technical and other information relating to amateur radio, and fellowship among the members.
2. To provide emergency communications, as a public service, to agencies of the government and other organizations.

ARTICLE III - MEMBERSHIP AND DUES

Any licensed amateur radio operator shall be eligible for membership and, upon payment of any required dues, shall become a member. The amount of dues for the ensuing calendar year shall be determined by a majority of the votes cast at the last regular meeting of the year.

ARTICLE IV - GOVERNMENT

Government of the Club shall be vested in the elected officers, who shall be President, Vice-President, Secretary and Treasurer, whose duties shall be as their titles, by general usage, would indicate. A vacancy in the office of President shall be filled by the Vice-President. Other Vacancies shall be filled by a majority of the votes cast at the next regular meeting.

ARTICLE V - MEETINGS

Regular meetings shall be held at the place, date, and time as determined by a majority of the votes cast at a regular meeting. Special meetings may be called by any officer, for any purpose, provided the membership has at least five days advance notice of such a meeting and its purpose. A quorum of at least 20% of the current membership shall be required to vote on the expenditure of Club funds, or the commitment thereof, if the value, or amount, exceeds \$25.00. Robert's Rules of Order shall be the authority of procedure at meetings, when not in conflict with the BY-LAWS.

ARTICLE VI - CLUB PROPERTY

The Club station shall be under the supervision of the Trustee, who shall be appointed by the President and approved by a majority of the votes cast at a meeting. The Trustee shall hold a General Class, or better license. Operations of the Club station shall conform to the F. C. C. Rules and Regulations and Club policy.

ARTICLE VIII - ELECTION OF OFFICERS

At the first meeting in the calendar year, the presiding officer shall conduct an election of officers to serve for the year. Nominations from the floor shall be taken first for President, followed by a vote, then nominations and vote for Vice-President, Secretary and Treasurer, in that order. Votes shall be cast by secret ballot and the candidate in each race receiving the most votes shall be elected. Those elected shall assume office immediately.

ARTICLE IX - AMENDMENTS

The BY-LAWS may be amended by first proposing such amendment at a regular meeting, in the form of a motion, approved by a majority of those present, that it be submitted to the membership for adoption.

The membership shall be given advance notice that such amendment will be voted on at the next regular meeting, at which time it shall be read and a vote taken. The votes shall be cast by secret ballot and a two-thirds majority of the votes cast shall be required for approval. If approved, the amendment shall become effective immediately, unless otherwise provided for therein.

This BY-LAW Revision Proposed January 20, 1990. This BY-LAW Revision Approved February 17, 1990.

Ada Amateur Radio Club

Hello to All,

This month we have had a couple of losses in the Ada ham family. W5QPO Floyd Hardin passed away this month. Floyd was a long time member of the Ada club and very active in the club activities, you will remember I wrote about Floyd in last months C&E. Floyd's wisdom and wit will be missed by us all. Ray Tipton K5CAI also passed away this month Ray wasn't active in the club, I met Ray several years ago and he was a real nice guy, Ray's son is a ham and he lives in Pauls Valley, Ray's grand daughter got her ham ticket this last year and surprised her father on 2m with the news, a lot of folks were listening and got a kick out of it, I know Ray did he was pleased to have Nicki join the ranks of the hams.

I want to thank the folks who changed our repeater antenna out, as many of you know I have been laid up for awhile with a banged up elbow and just couldn't make the climb.

This is the first newsletter of the year and I would like to remind any of you that have something you might think the rest of us need to hear just drop me a note and I will submit it to the C&E editors for consideration.

We had club elections at the last meeting, I was redrafted as President, Dwight Myers N0RIW is the VP, Carlyle Gargis KC5UNX is the new treasure and we are looking for a victim to serve in the sec slot if you are willing or have a good idea of someone willing to fill this slot please contact one of us.

HAPPY NEW YEAR DE KB5STV

Editor's Note: All clubs need to note this report came in late, after the C&E was put to bed and at the printer's. Please send your inputs in early enough to make the deadline printed in the calander on the last page of this newsletter.

The Editor

Amateur Radio Newsline

FEWER TESTS - FEWER UPGRADES

The number of people taking ham tests is dropping. The number of amateurs upgrading is almost at a standstill. So say the figures on 1996 year to date ham radio testing published in the January 1st edition of the W5YI Report.

Last week we reported that the number of higher grade license holders was on the decline. That only the no-code Technician class was showing any growth.

According to publisher Fred Maia who also operates the W5YI VEC, people are simply not taking new or upgrade examinations like they used to. Maia says that until 1992 the number of persons being administered Amateur Radio license examinations was steadily on the rise. But in 1995 the number of testing sessions and the number of people seeking tests decreased dramatically. So did the number of examination elements being administered. And 1996 was the worst year yet with 17,000 fewer examines being administered 30,000 fewer examination elements.

Maia says that there is all sorts of speculation as to why ham radio has slipped into a low growth cycle. One of the most prevalent theories is that potential new hams are being drawn away by what he calls the wired world of the Internet and World Wide Web. As Fred points out, there is no exam or licenses needed to get onto the Internet and working DX is no harder than clicking on an icon marked chat. Needless to say that none of this bodes well for the future of the Amateur Radio Service, and especially for population growth on the high frequency bands.

But there is one bright spot in all of this. The ARRL reports that there were 306 more new licensees age 21 and younger in November of last year than during October. Kids may love the World Wide Web, but some youngsters also consider

ham radio a viable communications interest as well.

(Via W5YI)

LITTLE LEOS TARGET 2M FM

2 meter repeaters in the Americas could wind up sharing the 146 to 148 MHz spectrum if the Low Earth Orbiting Satellite industry has its way. This is the latest wrinkle in the seemingly never ending attempt by the so-called Little Leo satellite industry to find new spectrum to expand into.

And the Little Leo boys are taking a rather novel approach this time. Believe it or not, they are now claiming that they can augment existing ham radio emergency service communications by bringing in their advanced satellite technology. In the simplest of terms, it sounds as if they want to replace us with them. But over simplified explanations are really not enough to explain what's going on. Because of this we want to refer you to the excellent editorial by ARRL Executive Vice President Dave Sumner, K1ZZ that appears on page 9 of the February issue of QST.

Dave takes great pains to explain exactly what's happening and even if hams beat this one back, why we will have to be on guard to protect our VHF and UHF bands for many years to come.

(Adapted from ARRL Letter)

FCC GETS BOMB THREAT

The Federal Communications Commission has received two separate bomb threats. An entertainment trade publication reports that both warnings came shortly after noon Tuesday, January 21st and forced hundreds of agency employees into Washington's chilly streets.

The first threat was received by the agency's Cable Bureau, and the second was received a block away at the commission's M Street headquarters. The caller claimed that a bomb would explode at 1 p.m.

Washington Metropolitan Police and Federal Protection Service bomb squads failed to turn up evidence of any explosive device. FCC employees returned to work at about 3 in the afternoon.

Police believe that the same person made both threats. *(Via Variety)*

Altus Area Amateur Radio Club

The AAARA is planning its Hamfest for Saturday, July 12th, 1997, 8 AM to 4 PM at the Altus Community Center 401 Falcon Road. We will have flyers out soon. This year we will use multiple resources to get them distributed. Please let us know ASAP, if you don't receive one by the end of June.

That reminds me of something that's been on my mind lately:

As a new ham, I find myself asking more questions, rather than providing answers.

After 13 years in the Air Force I thought I'd heard all the acronyms. You know those pesky initials that are supposed to stand for something. I've found three acronym rules:

1. The meaning of an acronym is dependent on who is using it.
2. Acronyms can change meaning from time to time.
3. Nobody can remember that an acronym used to mean something else.

We use acronyms in everyday life. I think everyone knows that PDQ means "Pretty DARN Quick". And who hasn't heard of EMS? You may think EMS stands for "Emergency Medical Services". Anyone who works in a small exterminating service in East Texas can tell you it means "Exterminate Mice Soon!"

Acronyms are intended to add brevity to conversational English. If we use the words instead of an acronym the listener is likely to miss the point. That's because the time it takes to say the entire phrase allows the listener to drift off to a mental holiday, missing your point.

Another way to say acronym might be, YKWITA, "You Know What I'm Talking

About." That tells the listener what the you are saying without wasting time using wordy phrases. A good example is using, "SNAFU" instead of "Situation Normal: All Fouled Up". Incidentally, some acronyms can aid in cleaning up your French.

What does that have to do with amateur radio? I spent the better part of last year wondering what QRP meant. It wasn't one of those gnawing questions that drives you to find an answer. I pondered it from time to time, like when driving down the road. I wouldn't take the time to research the answer when I had the available resources.

We in the amateur radio assume a "level playing field" when it comes to a lot of things. My WAG "Wild-A***d Guess" is that all the test material we must know before activating that PTT switch gives us an equal understanding. That's not necessarily true. People retain information in different quantities. By the way, for those of you who didn't know, PTT means "Push To Talk."

So, when using an acronym around us "newbies," you might stop and spell it out to avoid any FAQ "Frequently Asked Question!" Or you might KISS, "Keep It Simple Stupid!" No Insult intended!

TAF "That's All, Folks!"

73

Dave Locke, KC5SII

(Newsline Con't)

NYC GETS TWO RACES STATIONS
New York City RACES now has two officially recognized stations ready to operate at a moments notice. They are KB2YNK at the Office of Emergency Services in Manhattan and WB2JSM at the Hall of Science Amateur Radio Club in Queens.

According to the ARRL's Hudson Division Loop Newsletter, KB2YNK became a reality in October, 1996. It was the result of an unprecedented donation of funds for equipment from the City of New York. As a result, the station currently has 2 meter, 70 Centimeter, and HF

capabilities. Plans are in the works to add packet and other communication modes by the end of the year.

Meanwhile, WB2JSM is undergoing a major upgrade and will provide everything from packet to HF, 6 meter, 2 meters, 70 centimeters and satellite communications by spring. Extensive power backup systems are being installed to provide long term emergency communications without commercial power availability.

RACES died in the Big Apple in the early 1970's after the people who served from its inception either moved away, lost interest in ham radio or passed away. Now, after two decades its resurrection is now a reality. Its members say that they plan to be in the forefront of a Public Service commitment to the city of New York and it's agencies for many years to come.

(Via Hudson Division Loop Newsletter)

HAMS RESPOND TO MICHIGAN PLANE CRASH

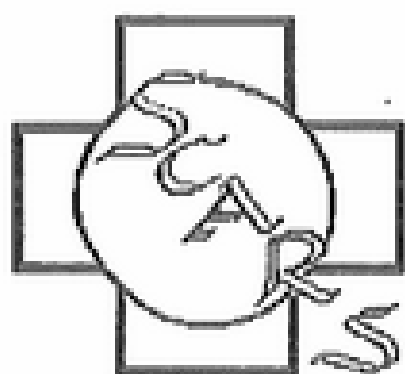
Members of the Monroe County ARES were activated late on the afternoon of January 9th. This, in response to the crash of a commuter aircraft near Ida, Michigan.

Comair flight 3272 was in route to Detroit Metro Airport from Cincinnati. According to Dale Williams, WA8EFK, a communication center was activated at the Monroe County Chapter of the American Red Cross. Under the auspices of Monroe County Emergency Coordinator Mike Karmol, N8KUF, hams were initially dispatched to the crash scene and the field command post at the Raisinville Township Hall. Communication was provided to the Red Cross, which assisted Emergency Management and Human Services Personnel.

Blowing snow and a 30 degrees below zero wind chill factor hampered efforts at the accident site. Twenty six amateurs were involved with the emergency operation as local officials and National Transportation Safety Board conducted their investigation.

The twin engine Embair Brasillia turboprop carried 26 passengers and a crew of three. All aboard were killed in the crash.

(Via ARRL)



South Canadian Amateur Radio Society

Minutes of the January SCARS meeting:

The January Meeting of the South Canadian Amateur Radio Society was held on January 12, 1997. The meeting was called to order at 9:30 AM, beginning with the introductions of everyone present.

There was no treasurer's report this month, but we do want to remind everyone that it is time to pay your 1997 dues. As you pay, please remember to fill out one of the CORA forms so that you will continue to receive the C&E.

Louis Kennedy, KC5ABI, presented our report from CORA. Louis has presented a list of recommendations to CORA concerning the operation of the flea market during Ham Holiday. In the past, SCARS has been responsible for the flea market. We have noticed that there are some changes that could help make the process much smoother. The club voted to accept responsibility for this year's flea market only if Louis' recommendations are adopted by CORA.

Ed, W3US, has suggested that we put together a mini-hamfest to be held sometime in the winter (Ed suggested that we call it the frostbite-fest). Unfortunately, there is not enough time to locate a building to use. We decided that it would be best to begin now to plan the inaugural frostbite-fest in 1998.

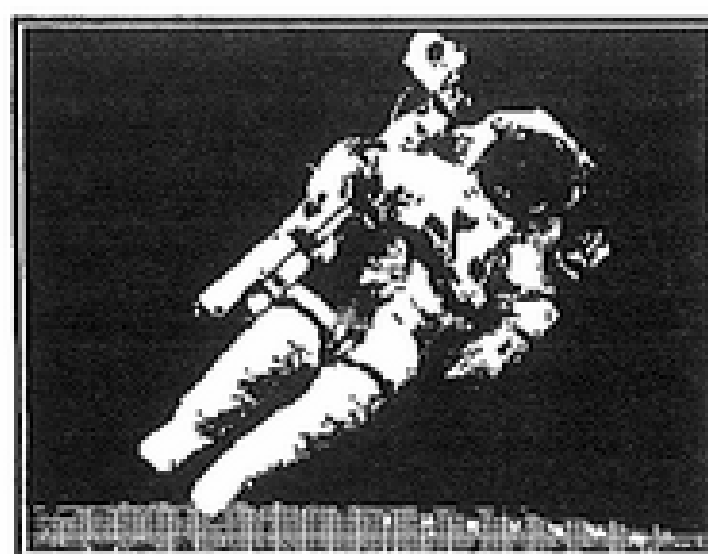
Dennis McCarthy, KC5EBH, reported that he met with the county emergency manager. They are in the process of setting up an EOC there. They were open to the prospect of letting someone serve as the NCS operator there. Dennis will brief us in March. There is a meeting, tentatively scheduled for the morning of February 15, for anyone who is interested in severe weather operations.

Jud, KC5RI, reminded everyone of the club's licensing class, and asked that we contact anyone who might be interested. Don, KI5TP, informed us that the call sign that the club requested, W5AA, has been issued to someone in Jackson, Mississippi. The club voted to file a protest with the FCC.

By the time the meeting finally ended, most of the members had left. This didn't leave us with enough people to hold elections. I had been eagerly waiting to relinquish my duties, but will have to wait another month. Until then, take care.

Randy Ridenour, WB5RWN
Secretary

(Newline Con't)



AMSAT-QATAR FORMED

The ham radio community in Qatar is now formally involved in ham radio satellites. On January 8th, they formalized the creation of AMSAT-Qatar. According to its first president, Mohamed Althani, A71EY, AMSAT-Qatar was formed to take an active part in all present and future AMSAT sponsored projects. The group's address is:

AMSAT-Qatar
P. O. Box 2260
Doha, Qatar

E-mail goes to:
a71ey@qatar.net.qa

(Via AMSAT-Qatar)

LININGER TO MIR

Ham Astronaut Jerry Linenger, KC5HBR, has become the fourth American to occupy a position on the Russian Space Station Mir. This, following the docking of

Atlantis to the Russian space station on Tuesday, January 14th.

Linenger officially traded places with fellow ham Astronaut John Blaha, KC5TZQ, when their form fitted Soyuz seat liners were swapped for return to Earth. He will stay aboard Mir until May. Linenger will be permitted to operate ham radio from the Mir. But he is still waiting for news from the FCC to see if he will be permitted to make third party contacts with school children in the United States and friends.

(Via AMSAT-NA, Newline)

CHALLENGER COMMEMORATIVE

Still with ham radio in space, on Tuesday, January 28th the Challenger Middle School Amateur Radio Club in San Diego, California will operate a special event. Station KI6YG will take to the air to commemorate the eleventh anniversary of the Challenger space shuttle tragedy. Operating hours will be from 16:00 UTC on January 28th to 01:00 UTC on January 29th. Frequencies will be on or near 14.250, 21.350, and 28.350 MHz.

(Via AMSAT-BBS)

YEAR END MIR CONTACT

And Hampton Virginia's Granby High and Mary Calcutt Elementary schools were successful in a year end contact to U.S. Astronaut John Blaha who just returned to earth after several months aboard the Russian Space Station Mir. What made the contact special was that Astronaut Blaha had attended Mary Calcutt and graduated from Granby High School in the 1960s.

The 10 minute contact was conducted from the Amateur Radio Satellite Station Exhibit KE4ZXW at the Virginia Air and Space Center.

(Via AMSAT-BBS)

Visit CORA's Homepage

<http://www.geocities.com/heartland/7332>

Registration Forms for HH97

There NOW!!!

The Bertha Watson Memorial Scholarship

Sponsored by the
Edmond Amateur Radio Society

The information requested herein will be used by the selection committee in awarding of the scholarship. All information will be confidential and the application will be seen only by the members of the selection committee. All areas requested will be considered by the committee; however, no single area will preclude an applicant from receiving the scholarship. All applications will receive the same impartial consideration. If selected, the applicant agrees to allow his/her name to be used in publicity pertaining to the scholarship. Scholarship recipients will be presented a certificate at a conference in Oklahoma City in July.

Applications are to be returned by April 1 1997

Return applications to:

Joyce Wolf, KC5NBI
1400 Del Norte Drive
Edmond, Oklahoma 73003
(405)-340-7486

This scholarship is open to all High School seniors and college students of all ages. Applicants need not be an Amateur to apply.

SCHOLARSHIP APPLICATION EDMOND AMATEUR RADIO SOCIETY / BERTHA WATSON

NAME: _____ DATE: _____
LAST FIRST MIDDLE

ADDRESS: _____
STREET

CITY STATE ZIP

PHONE: _____

A. Submit any information regarding your scholastic abilities. Please include your most recent transcript and any of the following you can.

ACT SCORES: _____

SAT SCORES _____

RANK IN HIGH SCHOOL GRADUATING CLASS: _____

IN WHAT SCHOOL (COLLEGE, UNIVERSITY, OR VOCATIONAL SCHOOL) ARE YOU PLANNING TO ENROLL FOR THE FALL?

HOW MANY CREDIT HOURS WILL YOU TAKE THE FALL SEMESTER: _____

INCLUDE A COPY OF YOUR CURRENT TRANSCRIPT.

INCLUDE A COPY OF YOUR CURRENT CLASSES.

INCLUDE A COPY OF YOUR SCHEDULE FOR NEXT FALL IF AVAILABLE.

B. WHAT IS YOUR MAJOR: _____

WHY HAVE YOU CHOSEN THIS FIELD? _____

WRITE AND ATTACH A BRIEF ESSAY ABOUT YOUR EDUCATIONAL AND/OR CAREER GOALS.

C. LIST ACTIVITIES IN WHICH YOU ARE OR HAVE BEEN INVOLVED. INCLUDE EXTRA-CURRICULAR ACTIVITIES, SPECIAL PROJECTS, OFFICES IN ORGANIZATIONS, COMMUNITY SERVICE, AND VOLUNTEER WORK.

DESCRIBE ANY ACTIVITIES IN AMATEUR RADIO IN WHICH YOU HAVE BEEN INVOLVED.

D. OUTLINE YOUR WORK EXPERIENCE.

E. SUBMIT THREE (3) LETTERS OF REFERENCE (FROM INDIVIDUALS NOT RELATED TO YOU)

(PART F. TO BE COMPLETED BY AMATEUR RADIO OPERATOR OR RELATIVES OF HAMS)

F. ARE YOU A HAM? _____ IF SO, CALL SIGN: _____

CLASS OF LICENSE: _____

IS ANYONE IN YOUR FAMILY A HAM? _____ WHO _____

HOW IS THIS HAM RELATED TO YOU. _____

I, _____, DECLARE THAT THE INFORMATION PROVIDED FOR CONSIDERATION OF THIS SCHOLARSHIP IS TRUE AND ACCURATE. I GIVE MY PERMISSION TO THE SCHOLARSHIP COMMITTEE TO SEEK ANY INFORMATION AVAILABLE CONCERNING MY ACADEMIC RECORDS.

_____
SIGNATURE OF APPLICANT_____
DATE



Edmond Amateur Radio Society

February 1997

Howdy, and welcome to another installment of News and Views of The Edmond Amateur Radio Society. Here is hoping that everyone has recovered from the recent holiday season, and that all is back to normal at your QTH. This being the first article from the 1997 board, we have much to cover so lets get on with it.

On a very cold January 8th evening the 1997 Board of directors met for just over three hours to give the new year a good jump start. Many things were talked over and many plans were laid, the last item just before adjournment was to shorten meetings up in the future.

On the technical side of things, The Vhf repeater has undergone some changes. A new dB 224 antenna has been installed at the UCO site. This has improved operation on the repeater and its not surprising, given the old antenna had been up for ten years and was weather worn and sporting a couple good lightning strikes. Next, everyone is probably familiar with the noise that has plagued the Vhf machine. While much is being done to find and eliminate this noise, the technical committee has implemented a PL tone access/TT access to ease stress on the machine and improve operation for all. This is in no way meant to restrict use, and will be removed as soon as the noise is eliminated. The way this works is if you have PL capability on your rig simply enable a 79.7 Hz tone. This will give you access to the functions of the repeater. For those with older rigs without PL the TT access is just what you need. For this you need to key your rig and enter * 1 from the keypad and then ID your station. This will give you access to

the repeater and its functions. The repeater will stay up on TT access until a short time of inactivity, then will automatically go back to PL. Any questions about this can be fielded by any board member and/or technical committee member.

The EARS club station is alive and well and improvements are coming all the time. It is usually open on Thursday evenings for several hours for anyone wishing to visit. The station has also been put into service as a local for the general class upgrade class. Jim, N5OHL is reporting very good enrollment and progress by the students. Thanks to all who are helping him with this project. Also, along with the general class, Jim is operating a code practice session every night at 7 PM on a simplex frequency of 146.40. Listen up and see how well you can copy.

A very big thanks is in order for all of our net control operators, and to our net manager Richard KB5TCY for a great job. Following are some rather impressive numbers for 1996.

EARS Monday Night Net

| | |
|---------------------------|------|
| Sessions: | 61 |
| Traffic: | 681 |
| Checkins: | 1940 |
| Average checkins per net: | 31 |
| Average traffic per net: | 11 |

Several upcoming events that you should take note of: St. Patrick's day parade in March, possible motorcycle event in April at Lake Draper, Multiple Sclerosis event in April, and of course Field Day in late June. These events will all need volunteers to make them successful. Please help to support Amateur Radio and your community.

The club can still use any and all help with the fox hunting committee, and as of this date could use a chairperson to lead this group.

Next board meeting will be February 5th, at 7pm, EARS club station.

Next club meeting will be February 15th, at 6:30pm, location to be announced on

the net and by our gracious calling committee.

This months article may seem a bit out of order. Your editor hopes that next month things will be in line, in order, and standing tall. Thanks and 73.

Joel, KB5FCF

(Newsline Con't)



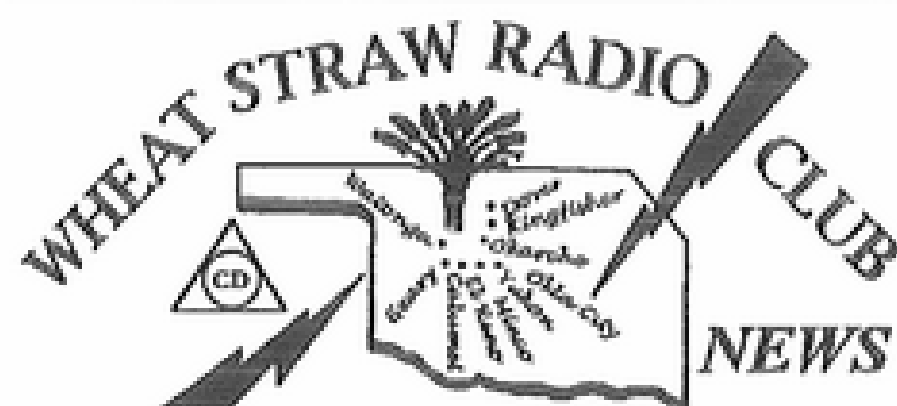
COLD CALL SIGN

And finally, get ready for a really cool operation. This as a result of the FCC has granted special temporary authority for John Fowler, N1PDV, to use the call W1B on February 8th and 9th from Jericho, Vermont. The operation will honor the 132nd anniversary of the birth of Wilson Alwyn "Snowflake" Bentley.

Who was Snowflake Bentley you ask? He is the man credited with determining that no two snowflakes are alike. Bentley who was born and raised in Jericho is believed to have photographed more than 5000 individual snowflakes using a camera rigged to a microscope. He also analyzed the density and shape of individual raindrops.

Fowler says that the W1B operation will include SSB and CW in the General class portions of many High Frequency bands.

(Via ARRL)



Wheatstraw Amateur Radio Club

Due to the cold and snow along with the weather report the meeting for January 12th was canceled. Canceling the meeting was best, I don't think very many would have been there. The next meeting is set for February 9th, being held in Dover, at the Christian Church fellowship hall.

Sometimes when I listen to the weather man, I think of the global warming trend. As times go by the hottest day in Oklahoma was back in 1936. Also in the early years of TV comedy there was the Red Skeleton being funny, the Beverly Hillbillies, acting innocent of their ignorance. Now a days the comedy has changed to undesired stupidity. Somebody likes it and watches it or the ratings are phony too.

I saw on the news about the buffalo going on the snow drifts, walking over the fences, the drifts were so deep. I saw the wind blowing snow, and uprooting large trees in Salt Lake City. Flooding in Oregon, Utah, and southern California. Our son, John, flew up to Salt Lake City on Monday after the storm, it worried us some but we said nothing about it. He came home Thursday night none the worst for it.

Leo Peil, WZ5H is starting an amateur radio school January 20th. It sounds like he is going to have a good group for the class. Joel Bennett, KK5XS is helping Leo teach when he can. A friend here in Watonga wanted to attend the class, but will not be able to go due to visiting friends and family in California. I wish well to all the students, hoping they pass their tests and get as much enjoyment out of their ticket as I have these many years. The instructors and those students with enthusiasm will do their best to see that each of you have the opportunity to learn something new.

Christmas at Ralph's

At Christmas our two children and the five grandchildren were here, that in itself made a good Christmas for Goldie and me. I was given a Ford necktie by my granddaughter Janet, she said she could not resist buying. John and his wife Linda gave me a noise filter unit NRF-7 made by JPS Communications, Inc. I have hooked it up to my HF rig. Goldie and I received on of those smart telephones, it operates on batteries having caller ID, shows date of calls, how long the call was, battery condition, among other features. The base charges up one battery so that when the time comes you just change batteries and continue with your call. Being a cordless phone you can talk as long as you stay in range, I haven't learned what the range is as of yet.

Goldie was given some fancy cookware, I'm not sure what it is called or all the features, but I'm sure Goldie will have fun figuring it all out. The set consists of a large casserole with two other pieces. One goes into the deep freeze so when the need for transporting cold food the casserole is put in it, the other piece is put in the oven an heated allowing transport of hot foods. She also received a white blouse with lots of flowers and leaves in the pattern and black jacket.

The New RF Safety Standards

From the W5YI Newsletter

In the last two paragraphs, but prior standards for amateurs were excluded.

No one knew which version of the new RF exposure guidelines would be adopted, it's impact on the Amateur Service or its effective date. On August 1st we found out. Amateur radio transmitters were included for the first time. No longer would they be "categorically excluded."

The new guidelines provide for two levels of exposure limits. One "controlled" level that applies to people who are aware of the potential for RF exposure. The other "uncontrolled" level applies to the general public who have no knowledge or control over their exposure. Since amateur radio transmissions impact both the ham operator who can exercise control over transmitted RF and their neighbors who

cannot. Amateur radio transmissions were ruled to be both controlled and uncontrolled environments. The American Radio Rely League opposed use of the higher safety factor, but the FCC approved it after determining that some amateur radio installations could exceed the 1992 ANSI / IEEE standard.

Amateur Hit with \$6,000 fine

On December 24th, the FCC's Compliance and information Bureau (formerly known as the Field Operations Bureau) issued a forfeiture order in the amount of \$6,000 against Timothy Harold Hoffman of Phoenix, Arizona.

According to the order, the fine was assessed for operation of a radio transmitter on amateur radio frequencies without a valid license, failure to allow inspection of the radio station by authorized FCC personnel, willful and malicious interference to licensed stations, and operation on CB channel 36 (27.365 Mhz, lower sideband) to transmit one-way communications and material to amuse or entertain.

Committee says "Keep The Code"

A year ago, the ARRL adopted a resolution at their January 1996 Annual Board of Directors meeting in Savannah, GA calling for the appointment of a fact finding committee made up of ARRL leaders and members. The goal of the committee was to determine how the league members felt about various issues facing amateur radio especially those on the 1999 WRC agenda.

The resolution acknowledged that various schemes for simplification of the amateur Service licensing structure were being discussed in the amateur community, "including the requirement to demonstrate Morse code ability in order to operate below 30 Mhz."

The Board said at that time, "it recognizes that it is essential for the League to solicit input on these issues from the broad range of its membership and to develop policies that will ensure the future health and growth of amateur radio." The committee's final report was to be sent to the board by December 17, 1996.

After completing a survey of ARRL members, the committee submitted its final report to the ARRL Board the week of December 16th. The special committee created by the ARRL to study issues relating to the 1999 World Radio Communications Conference (WRC-99) has recommended that the ARRL Board of Directors NOT support changing the treaty requirement for Morse testing to operate below 30 Mhz.

Everything needs postage

A rural mail carrier stopped at a little country school. The teacher said, "Frank, the Olsen girl hurt her back real bad and needs to be carried home." There was a path short cut to the Olsen home that Frank never took delivering mail. Frank picked up the girl. The teacher said, "I hope you don't get into trouble for this." Frank said as a joke, "I am not supposed to deliver anything without a stamp on it." The teacher ran to her desk saying, "I can fix that." She grabbed a one cent postage stamp and licked it and put it on the Olsen girl's shoe. Frank delivered her to the house.

Sermon with a haircut

A farmer was living down in the swamps of the state of Louisiana. He had to work six days a week, because he was a sharecropper, to feed his family. he was also a pretty good amateur barber. He cut his boys hair out on the front porch and the word spread. Before long people were coming from all over to get their hair cut. The barber charge no one for cutting their hair.

The group got larger, the blacks and whites kept coming each Sunday for hair cuts. There was a black preacher in the bottoms that did not have a congregation. He took his bible to get hair cut.

While the barber was cutting a head of hair, the preacher went to the other end of the front porch, opened his bible and poured out the word of GOD, preaching the gospel. Yes the group continued and got larger.

A smile is the most important thing you can ever wear.

Ralph, WA5PFK

(Newsline Con't)

RF SAFETY QUESTIONS TO HIT IN JULY

The nations VEC's have decided to begin testing hams on the new RF exposure questions next July. This, even though the FCC had granted a years moratorium on the implementation of its new rules regulating human exposure to radio frequency energy.

When it adopted the new RF exposure rules, the FCC also put forth a requirement that additional RF safety questions be added to the Novice, Technician, Technician Plus and General class Amateur Service exams. This meant revising the Question Pool for these exam elements.

The new RF safety questions are intended to quiz an applicants knowledge of the hazards of exposure to strong electromagnetic fields as well as what precautions should be taken to keep himself and the general public away from harm.

(Via W5YI)

ANOTHER VANITY DELAY

The FCC says that it could be March before another call is issued under Gate 2 of the vanity call sign program. No vanity calls dated since the end of last November have been processed because of what an FCC spokeswoman called unspecified computer related problems.

According to the Gettysburg License Processing Facility, vanity applications have not been processed since last December 19th. While computer experts work to resolve the latest problems,

Gettysburg personnel are continuing to hand process the pile of some 600 vanity applications that required special handling from the December 19 vanity call sign run. The FCC also is in the midst of processing several hundred refunds for earlier unsuccessful vanity filers.

(Via FCC, ARRL)

NON FM TO FILE FOR UHF/VHF PROTECTION

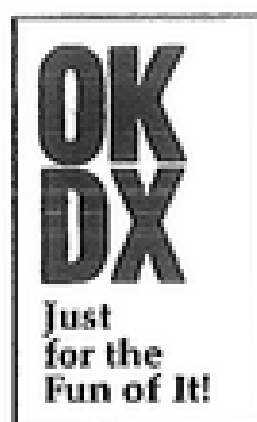
Weak signal and other non-FM users of the VHF and UHF spectrum are saying it will be full speed ahead in preparing a rule making request to the FCC to protect their turf from encroachment by users of the "fun mode." This, in light of the formal signing of the agreement between the National Frequency Coordinators' Council and the American Radio Relay league. An agreement that creates the National Frequency Coordination office as the potential single point of contact between the FCC and the FM coordination community.

The move by weak signal, CW, SSB, EME, Amateur Television, satellite enthusiasts and even AM users to legally protect their subbands from encroachment by users of FM began on the Internet Usenet about three months ago. These hams say that are very concerned about the memorandum signed between the ARRL and the NFCC because previous gentleman agreements dealing with protected spectrum may not longer be honored by the FM community. The loose knit group will ask the FCC to legally designate certain portions of all amateur bands from 50 MHZ to 13 centimeters as being off limits to any FM signal, be it simplex or repeated in any way.

6 meters and 2 meters already have protected segments for Morse only operation. The coalition will request additional band segment protection based on current ARRL bandplans. No protection is being asked for spectrum above 13 centimeters because there is not yet any mode standardization nor many users of these super high frequency bands.
(Via W5YI, VHF News, Others)

THE DX MAGAZINE HAS NEW PUBLISHER

In ham radio industry related news, word that the DX Magazine, previously published by Paul and Nancy Smith, following many years of publication by Chod Harris, has been sold again. The purchaser is Carl Smith, N4AA. Smith is the current publisher of QRZ DX. The March issue will be the first one by Smith.
(Via press release)



OKlahoma DX Association

----- FROM THE PREZ -----

Hello everyone. I imagine you are looking forward to spring as much as I am.

I hope to see you and everyone at the Green Country Hamfest on March 15. Look for the OKDXA.

Please join me in thanking AB5I, KC5DRI, N5SAM, KJ0W, KC5SFE, KJ5GX, and N5OHL for the hard work contributed to get the OKCDX node installed in Oklahoma City. With an antenna at 400 feet, this node provides better connectivity to the N5OK DX Packet Cluster on 144.91 MHz.

While visiting my daughter, I have had the opportunity to visit the Sacramento based River City Contest Club at Field Day and their Christmas Party. This small Club of less than 20 members claims to have won more contest gavels than any other club. Most members are not capable of winning national or section awards but by organizing their contest efforts into a club effort, they are very successful.

Individuals are still eligible for individual awards. With our central location, I think we could be very successful as a club in the sweepstakes contests. If you are interested in being a part of a club effort, let me know. Let's discuss it at Green Country.

I hope everyone had a chance to work VK0IR on Heard Island. This may be the most elaborate and expensive DXpedition ever assembled.

Keep chasing that DX and have fun.

73, Jim, K5TT

----- THE CONTEST -----

CONTINUUM

by Coy Day, N5OK

(Ed. Note: Coy Day, N5OK and Dave Horn, W5AO, went to Belau last October and were the first to activate Belau's new T8 prefix. We have just finished a 3-part series entitled "Murphy Goes on DXpedition" which told their story. Now Coy tells us how they managed the T88T callsign. Both stories are on the OKDXA WWW Site under DXpeditions. Enjoy!)

T88T!

How did you manage that?

Several folks have ask me that question, so I thought I should put a few words to paper to explain just how it all happened.

We have been going to Palau, just about every year since 1992. This year was my fourth trip and over this period of time, we have made a lot of friends. This time was a little different in that we knew that the 95 WARC had assigned T8 as the prefix for Palau. We had called Father Felix (KC6BS) several times coordinating this trip and checking on the status of the issuance of the T8 call signs. We called Father Felix just before our departure and he left us feeling real positive about our licenses. Father Felix was fairly certain that Mr. Lucas Bekebekmad, director of the Department of Commerce and the licensing authority, would issue us the call signs we had requested. We had asked for T88T and T88M. T88T would be about the best CW call sign that we could think of and T88M would be about the best for SSB.

When we arrived on Palau, we had a note waiting for us at the hotel from Father Felix. In the note he apologized for not being able to get the licenses for us and let us know that he was going to be off island for the next week. We didn't have current licenses; they had expired. When I went to visit Mr. Bekebekmad, he was quite cordial but insisted that he could only reissue our old call signs, KC6OK and KC6GG. I wouldn't accept our old call signs and advised Mr. Bekebekmad that I didn't think he had authority to issue U.S. call signs since the WARC had authorized the T8 prefix for Palau. We

visited for a few minutes and then I asked what I could do to help. I let him know that I was going to be there for 3 weeks and during that time I would be willing to do whatever I could to help him get his amateur radio program going. He then confided in me that his right hand man for communications had died and he was not allowed to fill the position. So, all of the amateur radio details landed directly on his shoulders and he really didn't know what to do with them. He asked for my help, explaining that many amateur radio operators had been telling him that he must change the call sign prefix but that he had no documents showing that to be a fact. I made him a promise. "I will get you those documents."

I wasn't sure how, but I knew that if I came up with those documents that it would build trust. I didn't know how I was going to get those documents but I was going to get them. I called long distance back to WV5S (now K5TT), Jim Hood, President of the Oklahoma DX Association. I asked Jim to call the ARRL and anyone else that he could think of to get those documents. Each morning we waited for our schedule with Jim to see if he had been able to get them. He kept coming up blank. People were on vacation or didn't know about the documents. We were about ready to give up when we made a new friend.

Yoshi, KC6IY, had been introduced to us by Ria, KC6DO, the hotel manager. I soon discovered that he too would like to see the call sign problem corrected. I asked him if he knew someone at JARL to see if they had the WARC documents. He said that Mr. Jey S. Oka of the JARL just might be able to help. The next morning, Yoshi came through the door with a big smile on his face and a handful of documents. They were exactly what we were looking for. I wasted no time getting to Mr. Bekebekmad's office the next morning. That's when you had to catch him in the office! I explained to him that getting the documents was a team effort and that Yoshi had them faxed from Japan. He was impressed. I went over the documents with him and pointed out that these documents were backed by international treaty and that he

should comply. Mr. Bekebekmad's attitude changed completely. We became the best of friends.

What obviously came to mind immediately, was to ask for our licenses. I thought that maybe I shouldn't rush things and that I should continue to build this trust before jumping into that subject. So, I asked him, "What else can I do for you?" After chatting a bit, I said that Father Felix had mentioned that I could possibly help with writing the amateur radio rules and regulations for Palau, now that the FCC rules and regulations no longer applied. Mr. Bekebekmad jumped at that suggestion and it was agreed. I had my copy of the ARRL book on the FCC regulations with me. Mr. Bekebekmad suggested that they didn't need anything as big as all that. We both chuckled.

Bingo! Then it happened. Mr. Bekebekmad looked at me and said that he would like to issue us our requested licenses but the fact was that he was out of forms but he expected them back from the printer any day. I suppose I had an extremely long face. I had turned and started out the door, all the while thinking that I really didn't want to face Dave without those licenses. An idea came to mind and I turned back and asked if he might possibly grant us permission, verbally, to operate and back date our licenses to that date when he received the forms. He said "Sure, go ahead." You could have knocked me over with a feather.

I could hardly wait to get back to the hotel to tell Dave. I came through the door and Dave was working a pileup on 20 meters. I had this hang dog look on my face. As soon as he saw me he took off the earphones and asked if I had gotten the licenses. I said, well I have some good news and some bad news. The bad news was that I didn't get the licenses. Before Dave got too upset, I continued with the good news that we had permission to operate using our requested call signs and that we should have the licenses in hand one day next week. We celebrated by immediately getting on the air and working everyone we could with the new callsign.

I kept my second promise by gaining access to the Catholic Mission media center which Father Felix gladly offered. I went to part 97 in my license book and started extracting exactly what I thought was essential for Palau and no more. Mr. Bekebekmad had asked me to keep the regulations simple and easy to read. I hammered away on one of the media center computers. It had Microsoft Word which made it easy. As I finished pages, I would hand them to Father Felix to proof read. I made several changes that Father Felix recommended. Most of them for simplification or clarification. When finished, it was a work of art. (IMHO) It was all of two pages! Again, Mr. Bekebekmad was impressed.

It was no surprise that we didn't have the licenses in hand that following week. They didn't get the forms back from the printer. Each morning I would go back to their office but always the same answer. I befriended Mr. Bekebekmad's secretary during this time. One morning, she opened her desk drawer and pulled out two blank license forms. She said, look what I found in my desk. The day before I left Palau, I had license in hand. T88T dated the 18th of October!

We had accomplished what no one else had been able to simply by being patient, courteous, and helpful! Father Felix told Dave and I a story about a Pacific islands missionary that returned to Rome. While in Rome he was asked by some of the new missionaries, "What are the key things we need to know as missionaries to the Pacific islands?" The old missionary thought a bit and then replied, "Three things. The first thing is patience, the second is patience, and the third is more patience!"

----- OKDXA STUFF -----

• *OKDXA obtains "club" callsign*
KC5YLY is the new club call for the Oklahoma DX Association. AH9B is the license trustee. Thanks to Craig, AH9B, and Jim, K5TT, for pursuing the matter. Here is a message from Craig with a suggestion for a vanity call sign. If you have comments regarding his proposal please contact Craig AH9B, or Jim K5TT.

"It's here ... finally. I received in the mail today the official club call & license for the OKDXA club station. yeehaw! The call is KC5YLY.

So, step one is complete. Step two is to apply for a vanity call. My suggestion is W5AT - the old call of Frank Jerome, who passed away 2 years ago. I can get permission from his spouse to release the call. Frank introduced me to contesting when I was in high school. He spoke fluent Japanese and could really work the JA runs. He was an avid DXer and DXpeditioner, having operated from many different places. Most of all, though, he was a great mentor.

But, if someone has a better idea for a callsign, that's really OK with me. I just think it would be better to try and 'honor' someone's memory instead of getting the 'hottest' call available since it is a club callsign. Oh well, I'll get down off the soapbox. This should be a club decision, so please send your input AH9B or K5TT. Any and all input is welcome.

Good luck with Heard Is! May you work them on 37 bands and modes!

73/DogXray, Craig - AH9B"

• *Green Country Hamfest*

The first major hamfest of the season is about one month away. Tulsa's Green Country Hamfest is scheduled this year for Saturday, March 15. I have not yet seen flyers so I have none of the particulars. Hopefully we will have all the details in next month's newsletter.

The OKDXA plans again to have a presence in the flea market. Look for our tables.

President Hood asks the membership to advise him about any business that needs to be addressed. He has listed these items for possible consideration:

Oklahoma QSO party
Club contesting
Field Day
Incorporation
Club Call Sign and use thereof

If you know of something else that needs to be considered please contact K5TT. We will go ahead and plan a business meeting late in the morning. We will try to have all the details in next month's NL.

• *New call signs*

Congrats to Jay Bromley of Ft. Smith, (ex-KA5DGH) who is now sporting W5JAY. Neat for a Jay, huh?!

----- MISCELLANY -----

• *Web DX and Web PBBS from WD5B*

I am experimenting with a couple of web sites and they are ready for the next stage of operation -- outside users:

Web-PBBS

<http://box.wd5b.ampr.org/~wd5b/pbbsmain.html>

This site allows the reading of packet messages via a browser. A listing of all bulletins as well as a power search feature is available. You can email a bulletin you wish to save to your internet address.

Web-DX

<http://box.wd5b.ampr.org/~wd5b/DXsearch.html>

This site is a mirror of information provided by OH2BUA's webcluster. I am expanding the database size on this system. A listing of recent DX spots as well as a search capability of the database is available.

ConverseWeb:

<http://box.wd5b.ampr.org/~wd5b/conversemain.html>

This provides a forum for comments. Areas right now set up are General, Packet and DX. The area is open for bulletin posting and general comments about amateur radio. Comments are always welcome.

Rich/WD5B

wd5b@wd5b.ampr.org

• *Another prestigious contest club dawns*
Exciting reports are rolling out of South Texas of the formation of an ultra-

prestigious contest club. The name is The Sons of Sicily Contest Club and the trustee is none other than our own NJ1V! The club call is currently KC5YLW but John hopes to land a neat vanity call like W5LASAGNA!

Rumor has it that memberships will be tightly controlled and by invitation only. I've even heard that blood tests may be used to insure that enough garlic and oregano is flowing in applicants veins to deem them of the "brotherhood". You may also be required to chug a 12 oz. Diet Pepsi. More details later!

----- DX NEWS -----

• *CQWW QSL routes on WWW*

Pascual, EA5EYJ, now has his 1996 compilation of CQWW SSB and CW QSL routes on a WWW site. I suspect he intends to add to the site with CQWW participant QSL info from this year forward. The URL is

<http://www.arrakis.es/~ea5eyj/>

• *GO List and DX Magazine changes hands ... again!*

Last year, long-time DX publicist Chod Harris, sold *The DX Bulletin* and *The DX Magazine* to Paul and Nancy Smith of DX Publications. DX Publications was also the publishers of *The GO LIST*, *QSL Manager List*, purchased from Jay O'Brien in 1995.

Well, not long ago Paul and Nancy sold *The DX Bulletin* to *The 59(9) Report*, and now they've sold *The DX Magazine* to Carl Smith, N4AA, of *QRZ DX*. Whew! Somebody stop this merry-go-round and let me get off! The new address for *The DX Magazine* is POB 16522, Ashville, NC 28816. The phone/fax is 704.683.0709 and the email is n4aa@aol.com.

But the transactions don't stop there DX friends! My December *The GO List* also sports a new publisher. Evidently Paul and Nancy have made a total break from DX publishing! John Shelton, WB4RRK, owner of The Heritage Group of Paris, TN, is now the new publisher of *The GO List*, *QSL Manager List*. The way things

are going it won't be long before Rupert Murdoch owns them all! ha!

• *QRZ DX now has web site*

Carl Smith, N4AA, publisher of *QRZ DX*, announces that he will now maintain a sister web site. Carl says, "This will not be a full *QRZ DX* newsletter, but it will have information of interest to our subscribers and it will be updated regularly. Late breaking news, ... will be posted on our web page. It is very basic at this time but will be expanded ...". The URL is:

<http://www.abooks.com/dx>

• *Equipment finally arrives on the Andamans*

QRZ DX reports that Mani, VU2JPS, on the Andaman Is., finally received the equipment donated by the Heard Island DX Association and sent by Jim Smith, VK9NS. Mani telephoned Jim on Christmas day to break the good news. Maybe now Jim will plan a DXpedition to the Andamans!

• *Scarborough Reef*

There have been rumors of a BS7 operation in the spring of 97. Unfortunately, *QRZ DX* reports that there is absolutely nothing definite at this time. Carl says, "Many details have NOT been worked out and the group working on the this operation will NOT make any official announcement until everything has been confirmed."

The Ohio/Penn DX Bulletin concurs, "There is information being passed around about an upcoming operation to BS7 which is not 100% accurate. Information was passed on to OPDX from a VERY reliable source stating, '... there are still several details which haven't yet been nailed down. This is the reason we prefer to wait until things are less likely to change before issuing any official announcements.' Hopefully more (and more accurate) info will soon be forthcoming."

Because of these comments I would not count too heavily on the announcement for a May operation that I have include in our DX list. This was in the 425 DX News.

• *Latest on Bouvet*

Tony Deprato, WA4JQS (Director of Operations, South Sandwich Island Antarctic DX Group) reports the following: "The paper work for the South Sandwich Island DX Group's Bouvet Island DXpedition is going along very well. Permission had been received for a December 1997 landing date, but with the possible establishment of a CCAMLR (Convention of the Conservation of Antarctic Marine Living Resources) ecosystem monitoring program being set up on the island and taking effect in October 1997 problems could arise just before departure time with permission to land. The South Sandwich Group has reapplied for a 1998 season landing date also so that they would have time to work with any new requirements that the CCAMLR group should request. Many requests by the JA-operators for us to postpone our landing till 1998, so that the 28 MHz band opening to JA would be greater, was also a big factor in the new date request." (425dxn)

• **Future significant DX operations**

3Y/Bouvet - The planned trip to Bouvet, organized by the South Sandwich DX Group, will leave Cape Town, South Africa, in December 97. They will use four stations simultaneously, 24 hours a day, with SSB, CW, RTTY and satellite operations. Operators are, at the moment: WA4JQS, AH9B, HB9AHL, W6KNB, W7KNT, XE1L and ZS1FJ.

6W/Senegal - Starting from July 96, for two years, Didier, F5OGL will be active from Dakar, Senegal. Didier plans to work on all bands from 10 to 160m on CW, SSB and RTTY. QSL via F6KEQ.

6Y/Jamaica - Until Nov 98, JE3MAS (ex 5H1HK) will be active from Jamaica as 6Y5XX. QSL via bureau. (425dxn)

7O/Yemen - Xavier, EA3BHK reports that Zorro, JH1AJT announced to have been invited by the local authorities to visit Yemen again in 1997 (possibly in late April). (425dxn)

7Q/Malawi - Karl, WF5A will be active again (10-80 m, WARC bands included, SSB and CW) as 7Q7KH for four or five weeks starting in early February. QSL via home call. (425dxn)

8P/Barbados - 8P - From 27 February to 4 March AA4NC and K4MA will operate from the 8P9Z station on all bands and all modes including RTTY. They will participate in the ARRL DX SSB contest. Calls unknown at this time. All QSL via K4MA.

- also - Bob (AA1M), Jim (W1HL), Mike (W1USN, ex-NW1J) and Tim (KA1MID) will be QRV (all bands CW and SSB) from Barbados from 17 to 24 February. QSL via bureau or direct to operators' home call. (425dxn)

8Q/Maldives - From 12 February to 4 March Dieter, DF5JR will be active from Maldives as 8Q7CR. QSL via DF5JR.

- also - From 15 to 23 February Gianni, I8RIZ will be active (all bands, 160m included) from Maldives possibly with his old call 8Q7AF. QSL either via bureau or to P.O.Box 200, 80100 Napoli-NA, Italy.

- also - In March, Rolf (HB9DIF) and his wife Manuela will be in the Maldives for three weeks together with Hans (DL8NBE). Rolf and Hans will be active on all bands CW/SSB/RTTY possibly with their old calls, 8Q7BV and 8Q7BE respectively. QSL via bureau only. (425dxn)

9G/Ghana - From 1 February to 8 March Steve, PA3GBQ will be active from Ghana as 9G5BQ. Operations will take place mainly during the night and morning hours on low and WARC bands. Steve is expected to participate in the ARRL CW Contest (possibly with a special call). QSL via PA3GBQ. (425dxn)

9M2/Western Malaysia - Dick, N4ISV has got the call 9M2RY, with which he will be active (SSB and CW) for several years. QSL via N4JR. (425dxn)

9M8/Eastern Malaysia - From 19 April to 6 June Peter, PB0ALB will be active (10, 15, 20, 40 and 80 metres) from Sarawak (OC-088) as 9M8CC. Hopefully Peter will operate also RTTY. QSL via PB0ALB. (425dxn)

9Q/Zaire - For about one year, starting in September 96, Fernando, EA4BB will be again QRV from Zaire (all bands SSB and CW) as 9Q5BB. QSL via EA4BB, also via the EA bureau. (425dxn)

A9/Bahrain - A92C, the club station of ARAB (Amateur Radio Association of Bahrain), is again active after moving

their QTH. They can now be heard from 17 UTC on the second and last Tuesday of each month. (425dxn)

BS7/Scarborough Reef - Another BS7 operation may be taking shape for May 2 - 11. Rumored ops will be OH2BH, OH2MM, OH1RY, SM7PKK, N7NG, W6EU, JA1BK, BZ1HAM, OH0XX and two operators from Spain. (425dxn) See comments from QRZ DX and the OPDXB in this issue!

BV9P/Pratus Is. - Bolon, BV5AF (President of CTARL & TAMSAT) reports that if propagation improves, Pratus Island might be activated at the end of March 97. (425dxn)

CY9/St. Paul I. - From 10 to 20 June (+/-) Mike, VE9AA and Doug, VE1PZ will be active from St. Paul Island as CY9AA. They will be active on 160-2 metres SSB/CW (special emphasis will be placed on 6 and 160m). (425dxn)

FP/St. Pierre et Miquelon - Jack, WA1CFS (ex-N1REU) is organizing a "serious" activity ((CW, SSB and RTTY, all bands 10-160m, 2 and 6m, possibly satellite) in August. (425dxn)

FR/Reunion I. - F6AFJ will be active as FR5GM until February 15th. He will be on SSB on 20 and 15 meters from 1100-1200z and again from 1600-1800z. (opdxn)

FT8Z/Amsterdam Is. - Eric, F5ICB/FT5ZG is already on Amsterdam, but he will not be active before February. He has no mike but just a CW keyer. His QSL manager (F5RQQ) has moved, therefore the previously published address is no longer valid. (425dxn)

HP/Panama - Gerard, F2JD is in Panama where he will stay for at least six months. He will be active as soon as possible. (425dxn)

J5/Guinea-Bissau - Dave, KC9IM, will be active for two years as J52IM. He has installed antennas for 80 and 15m. QSL via KB9XN. (425dxn)

J7/Dominica - From 12 February to 3 March DL3LAR, DL8OBQ and DL6LAU will be active from Dominica. They will participate in both the ARRL Contests and in the CQWW 160 meter SSB Contest, possibly as J75T. (425dxn)

JW/Svalbard - Ula, LA8GV will be active until Oct 97 as JW8GV. QSL via home call. (425dxn)

JX/Jan Mayen -Per, LA7DFA is active until April from Jan Mayen as JX7DFA. In February he will be active on 160 m as well. QSL via home call (also through the bureau). (425dxn)

PJ9/Netherlands Antilles - Until the end of March John, W1BIH will be again active from Curacao (SA-009) as PJ9JT. QSL via W1AX. (425dxn)

PY0S/St. Peter & Paul Rocks - Randy, WX5L reports that Karl, PS7KM and Tino, PT7AA will be leaving for PY0S on 1 February. Hopefully ZY0SK and ZY0SG will be QRV from St. Peter and St. Paul Rocks on 5 February for two or three weeks. Activity will take place on RTTY as well (as ZY0SK), thanks to Randy, WX5L who has provided the equipment. St. Peter & St. Paul Rocks is one of the Most Wanted Countries on RTTY (8th place). (425dxn)

PZ/Suriname - Bent, OZ2BJC is active as PZ5CJ until 1 April. He has daily skeds with his brother (OZ2CIJ) at 11Z on 14.320/14.330. (425dxn)

S7/Seychelles - S79MAD will remain active from Seychelles until August 1997. Paddy works mainly on 20m SSB, CW and RTTY and on 40m SSB and CW. (425dxn)

SU/Egypt - Ahmed, SU3AM is often active from SU0ERA, a new club station. QSL via SU1ER. (425dxn)

V2/Antigua - Matt, NM9H, and Sean, KX9X (ex-KF9PL), will be active from February 12-19th. They will be active during the ARRL DX CW Contest and will be requesting the call V26CW. Outside of the contest, they will be signing V2/homecall, and an emphasis will be placed on 80 and 160 openings to Asia, Europe and Africa, as well as WARC bands. Activity will be primarily CW, although some SSB will be worked.

All equipment has been secured with the exception of a laptop computer. QSL to homecall with SASE. Any questions or sked requests may be sent to: nm9h@ctnet.net or kx9x@cris.com (opdxn)

V4/St. Kitts - From 3 to 17 Feb, Joe, VE3BW will be active as V47CA from St. Kitts (NA-104). Operations will take place on all bands (6-160m) mainly on CW. QSL via home call. (425dxn)

V5/Namibia - WB0HPS and KV0Q will join KY0A and W8UVZ in the operations from Namibia scheduled for 10-18 February. Outside the ARRL CW Contest all mode operations are expected (RTTY on 20 and 15 metres). (425dxn)

VK0/Macquarie Is. - As of the beginning of December, there are three radio amateurs who are working at the meteorological station on the island. Operators are Tom, VK0TS, who is a Communications Technical Officer; Eric, VK0KBB, in the engineering section; and Graham, VK0WG, who is attached to the meteorology unit. All have been too busy working during the crew change-over which leaves no time for amateur radio. VK0TS has plans to be active on CW/SSB mainly 80 and 40 meters. (opdxn)

VP8/Falkland Is. - Until about Nov 98, Brian, ZD7BJ will be active on SSB from the Falklands as VP8CWN. Look for him on 14.240 MHz at about 20 UTC when he is often in QSO with his wife (ZD7XY). (425dxn)

VP8/South Shetland Is. - Starting in December 96 and for all 1997 Mark, SP3GVX will be active from the station HF0POL located at the Antarctic Polish Base Henryk Arctowski (WABA SP-01) on King George Is. (62.10S 58.32W). Operations will take place mainly on the

low bands. QSL via SP3FYM. Also ... Until Feb 97 ZX0ECF will be active from the Brazilian Antarctic base Comandante Ferraz located on King George Island, South Shetlands. He is usually QRV at 23 UTC on 14.140-150 MHz. (425dxn)

VQ9/Chagos Is. - Pres, N6SS is again active (until later Mar 97) as VQ9SS from Diego Garcia (AF-006). Pres is active also on 160 meters. QSL via N6SS. (425dxn)

VU7/Andaman Is. - Jim, VK9NS, has received his Indian license (VU2JBS), but there has been no further word!

Z3/Macedonia - Jan, OH3MIG, will be here until perhaps August 97 as Z38/OH3MIG. His activity will be on all bands CW/SSB. QSL via OH3GZ. Meanwhile, Venco, Z31JA, has been active on 40 meters CW (around 7009 kHz between 2315 and 0130z). QSL via WA4JTK. Z32XA has been active on 80 m CW (within 10 kHz from bottom of band edge) between 0000 and 0515z. QSL via KM6ON.

ZK1/South Cook Is. - For at least five months starting from 2 November Gun, DF4DI will be active on all the bands from South Cook Islands using the ZK1DI call. Gun plans also to go for one week to Manihiki (OC-014, North Cook). QSL via DK1RV.

ZS8/Marion Is. - Until June-July 1997 Chris, ZS5IR/ZS6RI will be active from Marion Island as ZS8IR. Chris has joined the 53th scientific expedition to Marion, as the official doctor and will work from base camp on all the bands, also on 6 and 160 meters, in SSB, CW and RTTY hoping to join major contests. The station will be equipped with an IC-735, a FL-2100Z, PK-232 and antennas will mainly be wire due to high winds. QSL via ZS6EZ (ex-ZS6BCR).



The Book Rack

1717 S. Air Depot
Midwest City, OK 73110

Comics and Science
Fiction A Specialty

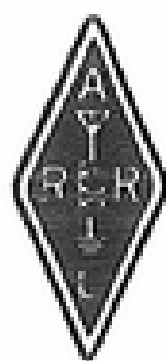
TERRY L. SMITH
Owner
(405) 737-3781

AUTOS PICKUPS VANS RV'S OTHERS

Kathy's Detail Shop
Complete
Detailing Service

670-5525
4845 SE 29th

Newey Center
Del City, OK



A. R. R. L. Bulletins

From ARRL Headquarters
Newington CT

To all radio amateurs

ARRL Bulletin 4
January 25, 1997

FCC finds missing call signs

Following up on "a few inquiries" into why certain call signs were not assigned when they were available, FCC personnel in Gettysburg report they found some 3355 call signs (mostly 2x2 and 2x3 format) that should have been made available for the vanity program but were not, for some reason. An FCC spokesman in Gettysburg reports a search of all vanity applications (including those that required special handling) comparing requested call sign(s) against the 3355 turned up four to be resolved. The other call signs now have been made available for future vanity grants.

Earlier this month, callers to the FCC's Gettysburg office were being told that processing of vanity call sign applications would not resume until early March because of "unspecified computer-related problems." Gettysburg now seems to be pulling back from that date, and a spokesperson said this week that the FCC hoped to resume vanity processing by February 1. Before processing the backlog of vanity call sign applications, personnel in Gettysburg first plan to deal with those applications that required special handling--the so-called "WIPS" (work in process) stack--which is backlogged from early November. A spokesman said Wednesday that the FCC will resume work on the WIPS stack "in about a week." Also, contrary to what several callers were told, the FCC did not issue a public notice about the vanity call sign program this week.

ARRL Bulletin 3
January 22, 1997

ARRL Board Meets

The ARRL Board of Directors met in annual session, January 17 and 18, 1997, at Albuquerque, New Mexico. Here is a summary of the meeting highlights:

Responding to survey results that show that the majority of members favor retention of Morse code for HF operating privileges as an international treaty obligation, the Board decided that the ARRL will not support changing the existing treaty requirement, an issue on the WRC-99 agenda. The Board also accepted other committee recommendations regarding the international rules that govern the amateur and amateur-satellite services.

A committee proposal for modifications to the FCC amateur licensing structure is to be published shortly in QST. Members will be invited to comment to their Directors before May 31, 1997. The Board will not take action on the committee recommendations earlier than the July meeting of the Board, to afford members an opportunity for discussion and comment.

Noting the increasing number of participants in the spectrum management process, the Board created the ARRL Spectrum Forum, an electronic mail roundtable for national amateur organizations, as well as regional entities and interests. The ARRL Spectrum Committee was dissolved with the thanks of the Board.

Dr. Robert C. Smithwick, W6JZU, and Mr. Ken Kirk-Bayley, GJ0KKB, co-founders of MediShare International, a program of the Medical Amateur Radio Council, won the ARRL International Humanitarian Award for 1996.

James Jacobs, K1GHT, was tabbed for the ARRL Certificate of Merit in recognition of his lifetime of humanitarian service and goodwill through Amateur Radio. Michael Pilotti, N3IRZ, also won an ARRL Certificate of Merit in recognition of his arranging for the travel of Ukraine radio

amateur Nick Bortnick, UX0ZZ, to the US for special medical assistance.

The League's Executive Committee was tasked with studying the adequacy of FCC rules governing the qualifications of Volunteer Examiners, particularly with respect to those VEs who have obtained license upgrades by means of Morse code element credit waiver provisions. The Executive Committee was also tasked with investigating the extent of abuses of the Morse code exam waiver provisions for applicants with severe handicaps, and recommend any regulatory changes deemed necessary.

The Membership Services Committee was directed to study ways to better serve the digital community.

Atlantic Division Director Kay Craigie, WT3P, Northwestern Division Director Mary Lou Brown, NM7N, Southeastern Division Director Frank Butler, W4RH, and Southwestern Division Director Fried Heyn, WA6WZO, were elected to the Executive Committee.

Roger Franke, K9AYK, Tom Comstock, N5TC, and Tom Frenaye, K1K1, were re-elected to the ARRL Foundation Board of Directors.

ARRL will establish an Alternative Dispute Resolution service for the use of individual amateurs, amateur organizations, citizens, organizations and others having disputes over Amateur Radio related subjects.

Full details will appear in March QST.



ARRL Bulletin 2

January 13, 1997

FCC call sign update

The following is a list of the FCC's most recently issued callsigns as of January, 1997.

| District | Group A Extra | Group B Advanced | Group C Tech/Gen | Group D Novice |
|---------------|------------------|---------------------|---------------------|-------------------|
| 0 | AB0DT | KI0FZ | ++ | KB0ZHO |
| 1 | AA1RJ | KE1GR | N1YJC | KB1CBC |
| 2 | AB2CX | KG2JT | ++ | KC2AON |
| 3 | AA3PF | KE3YN | N3YNM | KB3BRK |
| 4 | AE4ZS | KU4AA | ++ | KF4OET |
| 5 | AC5KZ | KM5FW | ++ | KC5YLE |
| 6 | AC6ZG | KQ6MB | ++ | KF6IER |
| 7 | AB7TP | KK7EC | ++ | KC7UAL |
| 8 | AA8YX | KI8AJ | ++ | KC8FSM |
| 9 | AA9TR | KG9IU | ++ | KB9PHE |
| N. Mariana Is | NH0A | AH0AW | KH0FS | WH0ABF |
| Guam | ++ | AH2DC | KH2RI | WH2ANR |
| Johnston | ++ | ++ | ++ | ++ |
| Midway | ++ | ++ | ++ | ++ |
| Hawaii | AH7J | AH6OX | KH7CI | WH6DCW |
| Kure | ++ | ++ | ++ | ++ |
| Amer Samoa | AH8O | AH8AH | KH8DC | WH8ABF |
| Wake | ++ | ++ | ++ | ++ |
| Alaska | == | AL7QT | KL0CR | WL7CTY |
| Virgin Is | WP2X | KP2CJ | NP2JO | WP2AIH |
| Puerto Rico | KP3V | KP3AO | NP3JD | WP4NMT |

== New prefixes are available for this block, but none have been issued.

++ All callsigns in this group have been issued in this area.

| | | | |
|---|---|-------------------------------|-----|
| PLEASE PRINT | | | |
| I | | Call | |
| NAME | | | |
| Address | | Apt | |
| City | | State | Zip |
| Telephone | | Do hereby transmit my dues of | |
| \$ | X | Total Paid | |
| YEARLY AMOUNT | | NUMBER OF YEARS | |
| In the (Club Name) | | | |
| Month and Year ending: / | | Date Paid: / | |
| YEAR/MONTH | | YEAR/MONTH | |
| <input type="checkbox"/> \$4.80 OF YEARLY AMOUNT IS FOR A SUBSCRIPTION TO CORA'S COLLECTOR AND EMITTER | | | |
| <input type="checkbox"/> \$7.00 for Individual Subscription to Collector and Emitter (Funds sent directly to C&E) | | | |
| Member's Signature | | | |
| NEW RENEW DROP CHANGE-OLD ZIP/CALL | | | |

Please fill out all the information on the slip. Zip +4 zip codes are needed. The Dates and Amount paid is required for Postal Regulations. Telephone numbers are only used in the event of a question on your membership or subscription to Collector and Emitter. Signatures are not required but requested to verify that you are aware of you subscribing to the C&E. Thank you for your assistance

ARRL Bulletin 1

January 7, 1997

New Section Managers

Mike Siegel, KI6PR, of Merced, California, has resigned as San Joaquin Valley section manager, effective January 1, 1997, for health reasons and to spend more time with his family. Assistant Section Manager Don Costello, AB6TA, also of Merced, has been named to replace him. Costello also holds an appointment as a public information coordinator. Siegel, who became SJV section manager in January 1992, will serve as an assistant section manager.

A new section manager has been appointed to fill a vacancy in Idaho. The new SM is Mike Langrell, AA7VR, of Boise.

YOUTH SPEAKERS NEEDED FOR DAYTON HAMVENTION YOUTH FORUM

New York City educator Carole Perry, WB2MGP, is looking for young hams, age 8 to 18, to take part in her annual Dayton Hamvention Youth Forum. For the better part of a decade, Carole Perry has taken time out of her busy schedule to travel to Ohio to host the young peoples gathering at Hamvention. As is her tradition, she is seeking young hams with the ability to communicate their love of Amateur Radio to other non-licensed youngsters and teens who will be in attendance.

The 1997 Dayton Hamvention will be held the weekend of May 16, 17 and 18 at the HARA Arena in Dayton, Ohio. Between 35,000 to 40,000 hams from around the world attend this gigantic event.

If you are a young ham who is planning on being there, or you know of an articulate young ham who is, please contact Carole Perry as soon as you can. Her 24 hour a day telephone number is (718) 983-1416

or you can e-mail her to
wb2mgp@ix.netcom.com

(Via WB2MGP)

Ten-Tec Two- to Six-Meter Transverter

by Jim Speck W5AI

A Ten-Tec kit can become addictive. I built one, a two-meter "brick" amplifier, which I assembled in a couple of nights. (It works swell, one watt in gives eight watts out, and three watts in drives it to 24. It's rated at 45 watts with 5 watts of drive.) When I got the chance to build another, I jumped at it.

Jackie, KA5ENU, had decided to put in a six-meter FM repeater. She wanted to be on six from her car. An easy way to get on six would be to add a transverter to an existing 2 meter HT, giving the same features on six as the two meter rig. Sam, WA5WHO, Jackie, and I ordered three units. I've built two, now, and feel like a review is in order.

This kit is No. 1209, 6 Meter Transverter, rated 8 watts output, any mode, for use with 2 meter handheld or mobile transceivers. It sells for \$95.00 plus shipping, direct from Ten-Tec, (Ten-Tec, Inc. 1185 Dolly Parton Parkway, Sevierville, TN 37862, (423) 453-7172) or you can purchase one locally for a little more from K & E Electronics, 3540 NW 23, Oklahoma City 73107, (405) 947-2891. It is rated for 5 watts input, 144-148 Mhz for 8 watts output, 50-54 Mhz. Power requirements are 11-14 vdc 170 ma. receive, and up to 3.8a transmit. It comes with an enclosure 1 5/16" high, 7.25" wide, and 6" deep, and all components/hardware for a complete functional unit, lacking only coax cables and connectors to connect with an HT and a six-meter antenna. The only other things you need are dikes, screwdriver, and a small soldering iron.

The parts are supplied in several little plastic "sandwich" bags, one for resistors, capacitors, inductors, and misc. I trusted them and didn't bother to inventory the kit, although they supply a checklist to do this. I found that one kit was short one 120 pf disc ceramic, and long one 1 mf. electrolytic. The next kit was short the 1mf. electrolytic; not sure yet about the 120 pf disc. It might be in the third kit!

The assembly directions are very explicit and clear. The only real trouble I had was reading the teeny little color bands on the 1/4 watt resistors. Especially the yellow bands on the resistor's beige background. I'm just getting old, I guess. Even so, I only had to measure one resistor's value to figure out what was what. The assembly is broken into seven steps, with progress testing available after several of them.

After step one, the oscillator can be tested by listening on an FM broadcast receiver for the 94 Mhz xtal oscillator. There is an adjustment to zero beat the crystal to exactly 94.000 so your 2m. SSB transceiver dial represents 50.100 at 144.100 Mhz. For FM use, it is not really necessary to do this adjustment. After step three, one can align the 6 meter receive circuitry and two meter IF, and begin listening on six. Alignment is easy, just peaking the two-meter S-meter or tuning for lowest noise with an on-the-air signal or using a harmonic from your HF rig, if available. I used the fifth harmonic of the 10.150 carrier of my Yaesu FT-757, while transmitting into a dummy load. Only a little signal is necessary, and there are only four adjustments, so it's over before begun!

After completing the circuit board assembly (almost all parts are located on one circuit board) the entire transverter can be tested and aligned. I got ten watts output with an HT-202 driving, and was able to communicate on the 53.1 repeater while on the dummy load on the bench. (Must have had some long leads, Hi.) This repeater is only one mile away from the QTH. One little thing to observe is that the repeater offset on six is .5, 1.0, 1.7 Mhz or some other figure! See your repeater directory. The HT-202 can be easily programmed for these offsets; some Ht's may not.

Final assembly went smoothly with no surprises, and the second kit went much faster than the first (naturally enough). This is a good project for someone who wants to put in ten hours or so of assembly time. If so, come on up to six and join us!

Ten-Tec 1260 - Six Meter Transciever Corrections

by Hal Miller, KB1ZQ

Last spring I purchased the Ten Tec 6 meter transceiver kit #1260. I worked diligently over a weekend to get this kit together and on the air for the summer 6 meter band openings, also Linda, N1LPN wanted to get on 6.

Well after finishing the kit and using my service monitor to align and check out the kit, I finally finished. I fired up the kit and those I was able to talk to here in the local area said the signal and audio were great. But, when I tried to listen to them the received signal was garbled and off frequency.

I troubleshot and realigned the radio several times, finally tracked the problem to the VCO, or so I thought. With a call to Ten Tec, I talked to one of their technical consultants asking, after describing the problem, what color were the coils in the 10.7 Mhz IF section. They needed to be blue instead of black. After tearing the radio apart again I found they had sent the wrong coils. Called back and several days later the new coils came in. Installed them along with a .01µf disc ceramic capacitor in series with the SO-239 connector (They had left this part out of the installation, if you trace it back you would apply a DC voltage to the antenna) Re-tuned the radio per the manual and proceeded to give a test call on 52.525 Mhz, by calling CQ. The response was clear and very satisfying. After 6 months of troubleshooting my 6 meter FM rig was finally on the air.

Ten Tec was very helpful and willing to help with this problem. The radio is a straight FM rig not phased modulation like a lot of the newer radios. I also own the 2 meter version of this transciever and use it mobile all over the state. These radios don't have a lot of frills but they do work well.

So break out the soldering irons and tool kits, build your own radio from a kit and learn some basic construction details for a fine addition to your shack.

Up - Coming Swapmeets

April 12, 1997 - Midwest City Swap Meet sponsored by Choctaw Amateur Radio Club. From 8:15 a.m. to 11:15 a.m. Location Midwest City Community Center. For more information contact Bill, N9SQV at 390-1514.

ANNOUNCEMENTS

VE exams on 3rd Monday of each month sponsored by C.O.R.A. 1800 @ Salvation Army HQ at NW 50th and N. Penn, Oklahoma City.

VE exams on 3rd Saturday of each month are held at 0900 in Math Science building at Rose State College in Midwest City.

VE exams by appointment only on 4th Tuesday of each month at 1800 in the Shawnee Public Library, 101 N. Philadelphia. Call J. W. Drummond at 275-3935 for more information.

VE exams on 2nd Saturday of each month sponsored by SCARS are held at 1000 at the American Red Cross in on Westheimer Airport in Norman. Contact Jim Copeland, NW0K at 329-1681 for more information.

VE exams on 4th Saturday of each month are held at 1830 at the Altus Vo-Tech in Altus, OK. Contact Rick Alderete, AA5UU for details.

VE exams on the 2nd Sunday of odd numbered months sponsored by the Stillwater ARC at 1500 in the OSU Engineering North Building, Room 316. Contact Ken, K5KC (405) 377-7586 for details.

VE exams on the 1st Saturday of each month at 1430 in the Vinita City Hall sponsored by Northeast Oklahoma Radio Assn.

VE exams on the 1st Sunday of each month at the American Red Cross 6th and Lincoln for more information call Jim at 232-2299.

On the Air

Listings of Nets on local repeaters or sponsored by CORA members:

ARES - Oklahoma County Thursdays @ 8:00 p.m. on 146.22/82.

6 meter check in 52.525 Mhz simplex

Packet check-in on 145.07

Salvation Army - Second Saturday of the month @ 8:00 a.m. on 146.22/82.

HF 3900kHz; Packet 145.07

AMTOR @ 8:30 a.m. 14.064mHz

Night Owl - Daily @ 10:30 p.m. on 146.07/67 with alternate 146.325/925.

OKC Swap-n-Shop - Saturdays @ 10:00 a.m. on 146.22/82.

Geritol - Daily @ 8:00 a.m. on 145.41 minus input.

Edmond Info - Mondays @ 8:00 p.m. on 147.135/735.

QCWA Chp 63 VHF - Thursdays @ 7:00 p.m. on 145.41 minus input.

QCWA Chp 63 HF - Sundays @ 8:00 on 3856.5kHz.

Wheatstraw - Wednesdays @ 9:00 p.m. on 146.01/61.

Purcell - Mondays @ 8:00 on 145.19 minus input.

Cimmaron - Tuesdays @ 9:00 p.m. on 145.45 minus input.

YL Net - Tuesdays @ 8:00 p.m. on 147.09 plus input.

Ham Classes to Begin

The OU Radio Club and SCARS are combining to offer an 8-week no-code licensing class beginning January 13th. Classes will meet weekly for 8 weeks on Monday evenings starting at 7 p.m. for two hours. Location of the classes is in the OU Energy Center at the corner of Boyd and Jenkins St in Norman in Classroom B on the Plaza level.

Classes are free; but participants will need training materials that will be available at the class plus the cost of the FCC examinations (\$6.25).

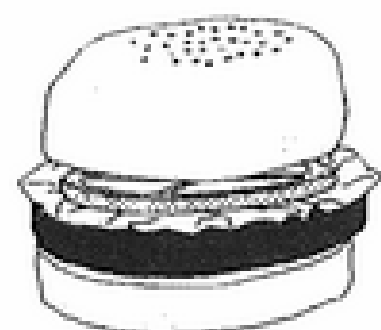
For more info or to register, persons can call Mark Kleine at 579-6756 or e-mail to "jim_copeland@juno.com". Folks can also sign up at the first meeting.



The Edmond Amateur Radio Society is also sponsoring a General Class licensing class starting January 23, 1997. Cost of the class includes the VE test session.

Code practice is held every night on 146.40 simplex for those interested in upgrading.

Contact the EARS club for more information, or call Jim, N5OHL 524-0456.



Dairy Kurl Drive Inn

(405) 634-7760

Hours: Mon-Fri: 7:30-5:00pm
Sat: 8:30-2:00pm
Sun: Closed

Family Owned & Operated for 35 Years
2701 S. Central, Oklahoma City, Oklahoma 73129

Jim Nolen
Enrolled Agent

Jimmie Nolen
Steve Moore

**NOLEN'S ACCOUNTING
& TAX SERVICE, INC.**

2844 Linda Lane
Del City, OK 73115
405-677-6026

2717 S.W. 44
Oklahoma City, OK 73119
405-682-0461

FAX 405-677-7023

"Professional Service With a Personal Touch"

February 9 to March 15, 1997 Schedule of Events:

| Sunday | Monday | Tuesday | Wednesday | Thursday | Friday | Saturday |
|------------------------------|---|-------------------------------------|-----------|---|--|--|
| 9 1:30 p.m. Wheatstraw | 10 | 11 | 12 | 13 7:00 p.m. Altus Area ARC | 14 | 15 9:00 a.m. VE Exams (RSC) 11:00 a.m. VHF Club TBA EARS |
| 16 | 17 6:00 p.m. CORA VE Exams 7:00 p.m. CARC | 18 7:30 p.m. OCAPA | 19 | 20 | 21 | 22 1:00 p.m. CORA Luncheon |
| 23 | 24 | 25 7:00 p.m. Shawnee VE Exams | 26 | 27 | 28 C&E Deadline  | 1 10:00 a.m. Ada ARC |
| 2 | 3 | 4 6:30 p.m. LFSARC | 5 | 6 7:00 p.m. Aeronautical Center 7:30 p.m. CARA | 7 | 8 09:30 a.m. SCARS |
| 9 1:30 p.m. Wheatstraw | 10 | 11 | 12 | 13 7:00 p.m. Altus Area ARC | 14 | 15 10:00 a.m. Ada ARC |

ARRL BoD

The ARRL held its first Board of Directors meeting of 1997 in the shadow of Sandia Mountain, just to the east of Albuquerque, New Mexico and it was in the Duke City that League Directors met on January 16th and 17th.

The League has made it official. The ARRL will work to keep Morse code as a requirement for access to the high frequency amateur bands. The League's decision comes after survey results showing a majority of members favoring keeping Morse code as a requirement for HF operating privileges. The League's Board of Directors has decided not to support changing the existing international treaty requirements when the issue surfaces at the WRC-99.

And amateur radio licenses could get new names and licensing criteria. A committee proposal for changing the FCC's amateur licensing structure will be published in QST magazine. League members will be

invited to submit comments to their Directors before May 31st. The Board says it will not take action on the Committee's recommendations before its July meeting. This so that members will have a chance to be heard.

And noting the increasing number of participants in the spectrum management process, the Board has created the ARRL Spectrum Forum. The Forum is an electronic mail roundtable for national amateur organizations, as well as regional entities and groups. And the Membership Services Committee is being directed to study ways to better serve the digital community. Solving spectrum sharing and other disputes may soon have a new procedure to follow. The ARRL is establishing an Alternative Dispute Resolution service for use by individual hams, amateur organizations, citizens, organizations and others having disputes over amateur radio related issues. The idea for the Dispute Resolution Service

first surfaced at the League sponsored National Frequency Coordinators meeting in St. Charles, MO in October of 1995. The League is also reviewing the way ham radio testing is conducted. The League's Executive Committee has been told to study the adequacy of FCC rules governing the qualifications of Volunteer Examiners. Coming under particular scrutiny will be VEs who obtained license upgrades by obtaining waivers of Morse code proficiency. The Executive Committee will also investigate the extent of abuses of the Morse code exam waiver provisions for applicants with severe handicaps. And the Committee will be asked to suggest any regulatory changes it deems necessary. More information on the Albuquerque Board meeting will appear in the March issue of QST magazine.

More on the Boards actions in future Newsline reports. (Adapted from ARRL Bulletin 1/22/97)